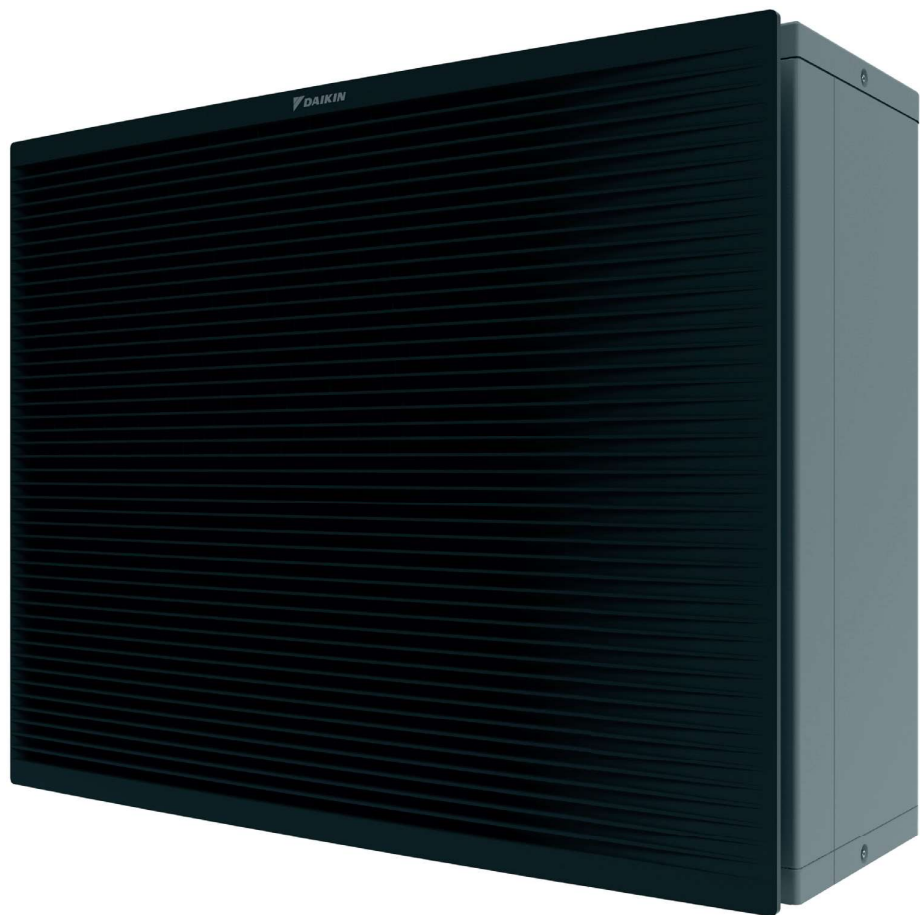




Daikin Altherma hoge  
temperatuur split  
Technische data  
EPRA14-18DW7





# INHOUDSOPGAVE

# EPRA14-18DW7

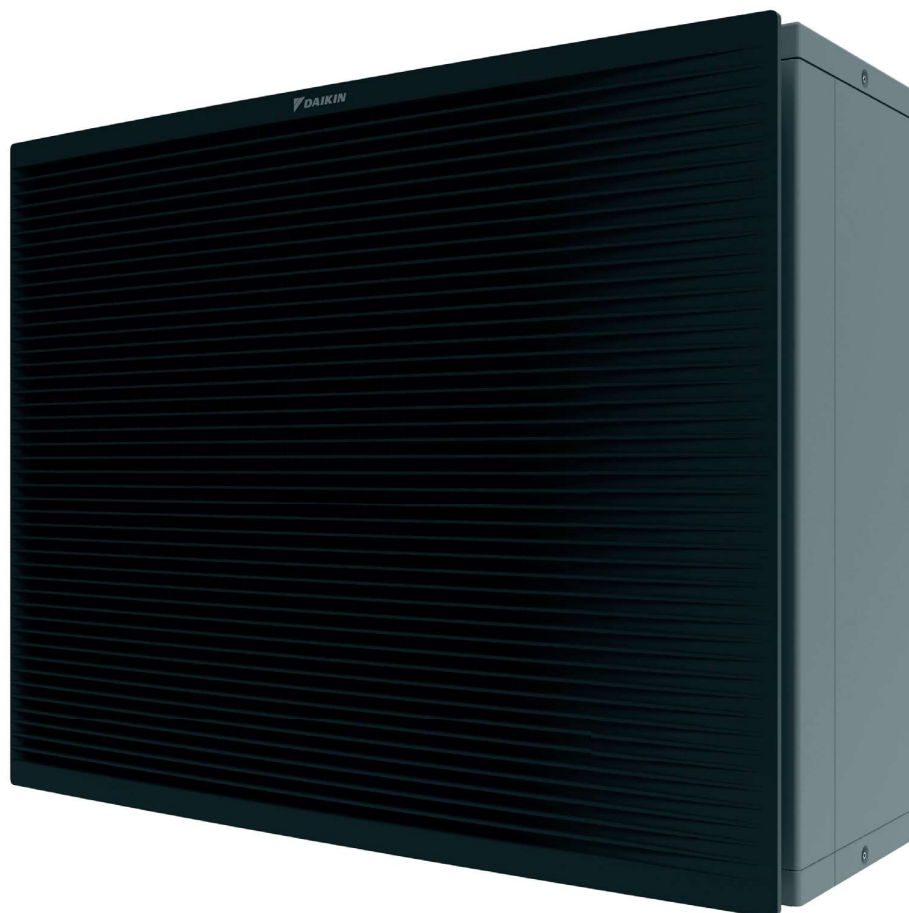
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# 1 Kenmerken

## 1 - 1 EPRA14-18DW7

**1**

- › De buitenunit levert, alleen door gebruik van de warmtepomp, een uitgaande watertemperatuur van 70°C bij een omgevingstemperatuur van -15°C
- › Bij een omgevingstemperatuur van -15°C, beperkt de buitenunit het verlies aan verwarmingsvermogen
- › De buitenunit onttrekt warmte aan de buitenlucht, zelfs bij -28°C
- › Het gestroomlijnde design past perfect bij andere huishoudapparaten.
- › Wanneer u kiest voor een unit met R-32-koelmiddel, reduceert u uw milieu-impact met 68% (in vergelijking met R-410A), reduceert u uw energieverbruik (dankzij het hogere energierendement) én heeft u 30% minder koelmiddel nodig



Gegaran-  
deerde  
werking tot  
-28°C



Onecta-app  
(optioneel)



## 2 Specificaties

### 2 - 1 Specificaties

2

| Technische specificaties                  |                                                |                                  |                                           | ETBH16E6V7 + EPRA14DW17                                                                    |                                                                   | ETBH16E6V7 + EPRA16DW17 |          | ETBH16E6V7 + EPRA18DW17 |  |  |  |
|-------------------------------------------|------------------------------------------------|----------------------------------|-------------------------------------------|--------------------------------------------------------------------------------------------|-------------------------------------------------------------------|-------------------------|----------|-------------------------|--|--|--|
| Verwarmingscapaciteit                     | Min.                                           |                                  | kW                                        | 3,70 (1)                                                                                   |                                                                   | 3,96 (1)                |          | 4,40 (1)                |  |  |  |
|                                           | Nom.                                           |                                  | kW                                        | 5,90 (2)                                                                                   |                                                                   | 9,00 (2)                |          |                         |  |  |  |
|                                           | Max.                                           |                                  | kW                                        | 9,75 (1)                                                                                   |                                                                   | 10,44 (1)               |          | 11,60 (1)               |  |  |  |
| Opgenomen vermogen                        | Verwarmen                                      | Min.                             | kW                                        | 0,84 (3)                                                                                   |                                                                   | 0,90 (3)                |          | 1,00 (3)                |  |  |  |
|                                           |                                                | Nom.                             | kW                                        | 1,23 (2)                                                                                   |                                                                   | 1,80 (2)                |          |                         |  |  |  |
|                                           |                                                | Max.                             | kW                                        | 2,17 (3)                                                                                   |                                                                   | 2,32 (3)                |          | 2,58 (3)                |  |  |  |
| COP                                       |                                                |                                  |                                           | 4,79 (2)                                                                                   |                                                                   | 5,00 (2)                |          |                         |  |  |  |
| Pomp                                      | Type                                           |                                  |                                           |                                                                                            | Grundfos UPMXL G60 25-125 130 PWM                                 |                         |          |                         |  |  |  |
|                                           | Nominale externe statische druk unit           | Verwarmen                        | kPa                                       | 111,2 (4)                                                                                  |                                                                   | 97,4 (4)                |          |                         |  |  |  |
| Warmtewisselaar waterzijde                | Waterhoeveelheid                               | Verwarmen                        | Nom.                                      | l/min                                                                                      | 16,3 (2)                                                          |                         | 25,8 (2) |                         |  |  |  |
| General                                   | Gegevens van leverancier/fabrikant             | Naam en adres                    |                                           |                                                                                            | Daikin Europe N.V. - Zandvoordestraat 300, 8400 Oostende, Belgium |                         |          |                         |  |  |  |
|                                           |                                                | Naam of handelsmerk              |                                           |                                                                                            | Daikin Europe N.V.                                                |                         |          |                         |  |  |  |
|                                           | Product description                            | Lucht/water-warmtepomp           |                                           |                                                                                            | Ja                                                                |                         |          |                         |  |  |  |
|                                           |                                                | Glycol/water-warmtepomp          |                                           |                                                                                            | Nee                                                               |                         |          |                         |  |  |  |
|                                           |                                                | Verwarming combinatie warmtepomp |                                           |                                                                                            | Ja                                                                |                         |          |                         |  |  |  |
|                                           |                                                | Lagetemperatuurswarmtepomp       |                                           |                                                                                            | Nee                                                               |                         |          |                         |  |  |  |
|                                           |                                                | Ingebouwde hulpverwarming        |                                           |                                                                                            | Ja                                                                |                         |          |                         |  |  |  |
|                                           |                                                | Water/water-warmtepomp           |                                           |                                                                                            | Nee                                                               |                         |          |                         |  |  |  |
|                                           | LW(A) geluidsvermogensniveau (volgens EN14825) | Binnen                           | dB(A)                                     | 44,0                                                                                       |                                                                   |                         |          |                         |  |  |  |
|                                           | LW(A) Sound power level (according to EN14825) | Outdoor                          | dB(A)                                     | 54,0                                                                                       |                                                                   |                         |          |                         |  |  |  |
| Ecodesign geluidsconditie en energielabel |                                                |                                  |                                           | Geluidsvermogen in verwarmingsmodus, gemeten volgens EN12102 onder voorwaarden van EN14825 |                                                                   |                         |          |                         |  |  |  |
| Algemene verwarming                       | Andere                                         | Capacity control                 |                                           |                                                                                            | Inverter                                                          |                         |          |                         |  |  |  |
|                                           |                                                | Pck (carterverwarming aan)       |                                           |                                                                                            | 0,000                                                             |                         |          |                         |  |  |  |
|                                           |                                                | Poff (uitgeschakelde stand)      |                                           |                                                                                            | 0,031                                                             |                         |          |                         |  |  |  |
|                                           |                                                | Psb (in stand-by)                |                                           |                                                                                            | 0,042                                                             |                         |          |                         |  |  |  |
|                                           |                                                | Pto (thermostaat uit)            |                                           |                                                                                            | 0,033                                                             |                         |          |                         |  |  |  |
|                                           |                                                |                                  |                                           |                                                                                            |                                                                   |                         |          |                         |  |  |  |
|                                           | Ingebouwde hulpverwarming                      | Psup                             |                                           |                                                                                            | 6,0                                                               |                         |          |                         |  |  |  |
|                                           |                                                | Type stroomvoorziening           |                                           |                                                                                            | Elektrisch                                                        |                         |          |                         |  |  |  |
| Verwarming                                | Wateruitlaat gematigd klimaat 55°C             | Algemeen                         | Annual energy consumption                 | kWh                                                                                        | 7,236                                                             |                         |          |                         |  |  |  |
|                                           |                                                |                                  | ηs (seizoensefficiëntie ruimteverwarming) | %                                                                                          | 140                                                               |                         |          |                         |  |  |  |
|                                           |                                                |                                  | Pnominale -10°C                           | kW                                                                                         | 13                                                                |                         |          |                         |  |  |  |
|                                           |                                                |                                  | Qhe Annual energy consumption (GCV)       | GJ                                                                                         | 26                                                                |                         |          |                         |  |  |  |
|                                           |                                                |                                  | SCOP                                      |                                                                                            | 3,57                                                              |                         |          |                         |  |  |  |
|                                           |                                                |                                  | Seizoensefficiëntieklasse verwarming      |                                                                                            | A++                                                               |                         |          |                         |  |  |  |
|                                           |                                                |                                  | A-conditie (+7°C DB(+9°C NB))             | Cdh (reductie van verwarming)                                                              |                                                                   |                         | 1,0      |                         |  |  |  |
|                                           |                                                |                                  |                                           | COPd                                                                                       |                                                                   |                         | 2,43     |                         |  |  |  |
|                                           |                                                |                                  |                                           |                                                                                            |                                                                   |                         |          |                         |  |  |  |
|                                           |                                                |                                  |                                           |                                                                                            |                                                                   |                         |          |                         |  |  |  |

## 2 Specificaties

### 2 - 1 Specificaties

| Technische specificaties |                                                                                                                               |                                                                   |                                                          | ETBH16E6V7 + EPRA14DW17 | ETBH16E6V7 + EPRA16DW17 | ETBH16E6V7 + EPRA18DW17 |
|--------------------------|-------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------|----------------------------------------------------------|-------------------------|-------------------------|-------------------------|
| Verwarming               |  Wateruitlaat<br>gematigd<br>klimaat<br>55°C | A-conditie<br>(-7°C DB/-<br>8°C NB)                               | Pdh                                                      | kW                      |                         | 11,1                    |
|                          |                                                                                                                               |                                                                   | PERd                                                     | %                       |                         | 97,2                    |
|                          |                                                                                                                               | B-conditie<br>(2°C DB/1°C<br>NB)                                  | Cd <sub>h</sub> (reductie van verwarming)                |                         |                         | 1,0                     |
|                          |                                                                                                                               |                                                                   | COP <sub>d</sub>                                         |                         |                         | 3,52                    |
|                          |                                                                                                                               |                                                                   | Pdh                                                      | kW                      |                         | 6,7                     |
|                          |                                                                                                                               |                                                                   | PERd                                                     | %                       |                         | 140,8                   |
|                          |                                                                                                                               | C-conditie<br>(7°C DB/6°C<br>NB)                                  | Cd <sub>h</sub> (reductie van verwarming)                |                         |                         | 1,0                     |
|                          |                                                                                                                               |                                                                   | COP <sub>d</sub>                                         |                         |                         | 4,54                    |
|                          |                                                                                                                               |                                                                   | Pdh                                                      | kW                      |                         | 6,5                     |
|                          |                                                                                                                               |                                                                   | PERd                                                     | %                       |                         | 181,6                   |
|                          |                                                                                                                               | D-conditie<br>(12°C DB/11°C<br>NB)                                | Cd <sub>h</sub> (reductie van verwarming)                |                         |                         | 1,0                     |
|                          |                                                                                                                               |                                                                   | COP <sub>d</sub>                                         |                         |                         | 5,97                    |
|                          |                                                                                                                               |                                                                   | Pdh                                                      | kW                      |                         | 5,2                     |
|                          |                                                                                                                               |                                                                   | PERd                                                     | %                       |                         | 238,8                   |
|                          |                                                                                                                               | TOL (bedrijf-<br>stempera-<br>tuur)                               | COP <sub>d</sub>                                         |                         |                         | 2,12                    |
|                          |                                                                                                                               |                                                                   | Pdh                                                      | kW                      |                         | 12,5                    |
|                          |                                                                                                                               |                                                                   | PERd                                                     | %                       |                         | 84,8                    |
|                          |                                                                                                                               |                                                                   | TOL                                                      |                         |                         | -10                     |
|                          |                                                                                                                               |                                                                   | WTOL                                                     |                         |                         | 55                      |
|                          |                                                                                                                               | Extra<br>capaciteit<br>nominiaal<br>verwar-<br>mingsver-<br>mogen | P <sub>sup</sub> (bij Tontwerp<br>-10°C)                 |                         |                         | 0,0                     |
|                          |                                                                                                                               |                                                                   | COP <sub>d</sub>                                         |                         |                         | 2,12                    |
|                          |                                                                                                                               |                                                                   | Pdh                                                      | kW                      |                         | 12,5                    |
|                          |                                                                                                                               |                                                                   | PERd                                                     | %                       |                         | 84,8                    |
|                          |                                                                                                                               | Tbiv<br>(bivalente<br>tempera-<br>tuur)                           | Tbiv                                                     |                         |                         | -10                     |
|                          |                                                                                                                               |                                                                   | Annual energy<br>consumption                             |                         |                         | 9.658                   |
|                          |                                                                                                                               |                                                                   | η <sub>s</sub> (seizoensefficiëntie<br>ruimteverwarming) |                         |                         | 125                     |
|                          |                                                                                                                               |                                                                   | P <sub>nominaal</sub> -22°C                              |                         |                         | 13                      |
|                          |                                                                                                                               |                                                                   | Q <sub>he</sub> Annual energy<br>consumption (GCV)       |                         |                         | 35                      |
|                          | Wateruitlaat<br>koud klimaat<br>55°C                                                                                          | A-conditie<br>(-7°C DB/-<br>8°C NB)                               | Cd <sub>h</sub> (reductie van verwarming)                |                         |                         | 1,0                     |
|                          |                                                                                                                               |                                                                   | COP <sub>d</sub>                                         |                         |                         | 2,74                    |
|                          |                                                                                                                               |                                                                   | Pdh                                                      | kW                      |                         | 7,5                     |
|                          |                                                                                                                               |                                                                   | PERd                                                     | %                       |                         | 109,6                   |
|                          |                                                                                                                               | B-conditie<br>(2°C DB/1°C<br>NB)                                  | Cd <sub>h</sub> (reductie van verwarming)                |                         |                         | 1,0                     |
|                          |                                                                                                                               |                                                                   | COP <sub>d</sub>                                         |                         |                         | 3,67                    |
|                          |                                                                                                                               |                                                                   | Pdh                                                      | kW                      |                         | 5,8                     |
|                          |                                                                                                                               |                                                                   | PERd                                                     | %                       |                         | 146,8                   |
|                          |                                                                                                                               | C-conditie<br>(7°C DB/6°C<br>NB)                                  | Cd <sub>h</sub> (reductie van verwarming)                |                         |                         | 1,0                     |

## 2 Specificaties

### 2 - 1 Specificaties

| Technische specificaties |                                                |                                               |                                           | ETBH16E6V7 + EPRA14DW17 | ETBH16E6V7 + EPRA16DW17 | ETBH16E6V7 + EPRA18DW17 |
|--------------------------|------------------------------------------------|-----------------------------------------------|-------------------------------------------|-------------------------|-------------------------|-------------------------|
| Verwarming               | Wateruitlaat koud klimaat (7°C DB/6°C NB) 55°C | C-opd                                         |                                           |                         | 4,69                    |                         |
|                          |                                                | Pdh                                           | kW                                        |                         | 5,6                     |                         |
|                          |                                                | PERd                                          | %                                         |                         | 187,6                   |                         |
|                          |                                                | D-opd                                         |                                           |                         | 6,12                    |                         |
|                          |                                                | Pdh                                           | kW                                        |                         | 6,2                     |                         |
|                          |                                                | PERd                                          | %                                         |                         | 244,8                   |                         |
|                          |                                                | TOL (bedrijf-tempera-<br>tuur)                |                                           |                         | 1,65                    |                         |
|                          |                                                | Pdh                                           | kW                                        |                         | 10,6                    |                         |
|                          |                                                | PERd                                          | %                                         |                         | 66,0                    |                         |
|                          |                                                | TOL                                           | °C                                        |                         | -22                     |                         |
|                          |                                                | WTOL                                          | °C                                        |                         | 55                      |                         |
|                          |                                                | G-opd                                         |                                           |                         | 2,17                    |                         |
|                          |                                                | Pdh                                           | kW                                        |                         | 10,3                    |                         |
|                          |                                                | PERd                                          | %                                         |                         | 86,8                    |                         |
|                          |                                                | Tbiv                                          |                                           |                         | 1,90                    |                         |
|                          | Wateruitlaat warm klimaat 55°C                 | Pdh                                           | kW                                        |                         | 11,0                    |                         |
|                          |                                                | PERd                                          | %                                         |                         | 76,0                    |                         |
|                          |                                                | Tbiv                                          | °C                                        |                         | -18                     |                         |
|                          |                                                | Extra capaciteit nominaal verwarmingsvermogen | kW                                        |                         | 1,9                     |                         |
|                          |                                                | Algemeen                                      | Annual energy consumption                 | kWh                     | 4.453                   |                         |
|                          |                                                |                                               | ηs (seizoensefficiëntie ruimteverwarming) | %                       | 166                     |                         |
|                          |                                                |                                               | Pnominaal 2°C                             | kW                      | 14                      |                         |
|                          |                                                |                                               | Qhe Annual energy consumption (GCV)       | Gj                      | 16                      |                         |
|                          |                                                | B-opd                                         | Cdh (reductie van verwarming)             |                         | 1,0                     |                         |
|                          |                                                | COPd                                          |                                           |                         | 2,62                    |                         |
|                          |                                                | Pdh                                           | kW                                        |                         | 11,4                    |                         |
|                          |                                                | PERd                                          | %                                         |                         | 104,8                   |                         |
|                          |                                                | C-opd                                         | Cdh (reductie van verwarming)             |                         | 1,0                     |                         |
|                          |                                                | COPd                                          |                                           |                         | 3,78                    |                         |
|                          |                                                | Pdh                                           | kW                                        |                         | 9,0                     |                         |
|                          |                                                | PERd                                          | %                                         |                         | 151,2                   |                         |
|                          |                                                | D-opd                                         | Cdh (reductie van verwarming)             |                         | 1,0                     |                         |
|                          |                                                | COPd                                          |                                           |                         | 5,63                    |                         |
|                          |                                                | Pdh                                           | kW                                        |                         | 5,9                     |                         |
|                          |                                                | PERd                                          | %                                         |                         | 225,2                   |                         |
|                          |                                                | Tbiv (bivalente temperatuur)                  | COPd                                      |                         | 3,43                    |                         |
|                          |                                                |                                               | Pdh                                       | kW                      | 11,1                    |                         |

## 2 Specificaties

### 2 - 1 Specificaties

| Technische specificaties                      |                                |                                           |           | ETBH16E6V7 + EPRA14DW17 | ETBH16E6V7 + EPRA16DW17 | ETBH16E6V7 + EPRA18DW17 |
|-----------------------------------------------|--------------------------------|-------------------------------------------|-----------|-------------------------|-------------------------|-------------------------|
| Verwarming                                    | Wateruitlaat warm klimaat 55°C | Tbiv (bivalente temperatuur)              | PERd % °C |                         | 137,2                   | 5                       |
|                                               | Wateruitlaat 45°C              | H-voorwaarde (-2°C)                       | Max. kW   | 11,1                    |                         | 11,8                    |
| Wateruitlaat gematigd klimaat 35°C            | Algemeen                       | Annual energy consumption                 | kWh       |                         | 5,479                   |                         |
|                                               |                                | ηs (seizoensefficiëntie ruimteverwarming) | %         |                         | 186                     |                         |
|                                               |                                | Pnominiaal -10°C                          | kW        |                         | 13                      |                         |
|                                               |                                | Qhe Annual energy consumption (GCV)       | Gj        |                         | 20                      |                         |
|                                               |                                | SCOP                                      |           |                         | 4,71                    |                         |
|                                               |                                | Seizoensefficiëntieklasse verwarming      |           |                         | A+++                    |                         |
| A-conditie (-7°C DB/-8°C NB)                  | COPd                           |                                           |           |                         | 2,97                    |                         |
|                                               | Pdh                            | kW                                        |           |                         | 10,7                    |                         |
| B-conditie (2°C DB/1°C NB)                    | Cdh (reductie van verwarming)  |                                           |           |                         | 1,0                     |                         |
|                                               | COPd                           |                                           |           |                         | 4,94                    |                         |
|                                               | Pdh                            | kW                                        |           |                         | 6,9                     |                         |
|                                               | PERd                           | %                                         |           |                         | 197,6                   |                         |
| C-conditie (7°C DB/6°C NB)                    | Cdh (reductie van verwarming)  |                                           |           |                         | 1,0                     |                         |
|                                               | COPd                           |                                           |           |                         | 5,95                    |                         |
|                                               | Pdh                            | kW                                        |           |                         | 6,2                     |                         |
|                                               | PERd                           | %                                         |           |                         | 238,0                   |                         |
| D-conditie (12°C DB/11°C NB)                  | Cdh (reductie van verwarming)  |                                           |           |                         | 1,0                     |                         |
|                                               | COPd                           |                                           |           |                         | 7,07                    |                         |
|                                               | Pdh                            | kW                                        |           |                         | 5,6                     |                         |
|                                               | PERd                           | %                                         |           |                         | 282,8                   |                         |
| TOL (bedrijfstemperatuur)                     | COPd                           |                                           |           |                         | 2,88                    |                         |
|                                               | Pdh                            | kW                                        |           |                         | 12,1                    |                         |
|                                               | PERd                           | %                                         |           |                         | 115,2                   |                         |
|                                               | TOL                            | °C                                        |           |                         | -10                     |                         |
|                                               | WTOL                           | °C                                        |           |                         | 35                      |                         |
| Tbiv (bivalente temperatuur)                  | COPd                           |                                           |           |                         | 2,97                    |                         |
|                                               | Pdh                            | kW                                        |           |                         | 10,7                    |                         |
|                                               | PERd                           | %                                         |           |                         | 118,8                   |                         |
|                                               | Tbiv                           | °C                                        |           |                         | -7                      |                         |
| Extra capaciteit nominaal verwarmingsvermogen | Psup (bij Tontwerp -10°C)      | kW                                        |           |                         | 0,4                     |                         |
|                                               |                                |                                           |           |                         |                         |                         |
| Wateruitlaat koud klimaat 35°C                | Algemeen                       | Annual energy consumption                 | kWh       |                         | 7,445                   |                         |
|                                               |                                | ηs (seizoensefficiëntie ruimteverwarming) | %         |                         | 163                     |                         |
|                                               |                                | Pnominiaal -22°C                          | kW        |                         | 13                      |                         |
|                                               |                                |                                           |           |                         |                         |                         |

## 2 Specificaties

### 2 - 1 Specificaties

2

| Technische specificaties |                                                                                                                  |          |                                             | ETBH16E6V7 + EPRA14DW17 | ETBH16E6V7 + EPRA16DW17 | ETBH16E6V7 + EPRA18DW17 |
|--------------------------|------------------------------------------------------------------------------------------------------------------|----------|---------------------------------------------|-------------------------|-------------------------|-------------------------|
| Verwarming               |  Wateruitlaat koud klimaat 35°C | Algemeen | Qhe jaarl. energieverbruik (GCV)            | 27                      |                         |                         |
|                          |                                                                                                                  |          | COPd                                        | 3,50                    |                         |                         |
|                          |                                                                                                                  |          | Pdh kW                                      | 8,0                     |                         |                         |
|                          |                                                                                                                  |          | PERd %                                      | 140,0                   |                         |                         |
|                          |                                                                                                                  |          | Cdh (reductie van verwarming)               | 1,0                     |                         |                         |
|                          |                                                                                                                  |          | COPd                                        | 5,07                    |                         |                         |
|                          |                                                                                                                  |          | Pdh kW                                      | 4,9                     |                         |                         |
|                          |                                                                                                                  |          | PERd %                                      | 202,8                   |                         |                         |
|                          |                                                                                                                  |          | Cdh (reductie van verwarming)               | 1,0                     |                         |                         |
|                          |                                                                                                                  |          | COPd                                        | 6,10                    |                         |                         |
|                          |                                                                                                                  |          | Pdh kW                                      | 5,3                     |                         |                         |
|                          |                                                                                                                  |          | PERd %                                      | 244,0                   |                         |                         |
|                          |                                                                                                                  |          | Cdh (reductie van verwarming)               | 1,0                     |                         |                         |
|                          |                                                                                                                  |          | COPd                                        | 7,03                    |                         |                         |
|                          |                                                                                                                  |          | Pdh kW                                      | 5,7                     |                         |                         |
|                          |                                                                                                                  |          | PERd %                                      | 281,2                   |                         |                         |
|                          |                                                                                                                  |          | COPd                                        | 2,17                    |                         |                         |
|                          |                                                                                                                  |          | Pdh kW                                      | 9,2                     |                         |                         |
|                          |                                                                                                                  |          | PERd %                                      | 86,8                    |                         |                         |
|                          |                                                                                                                  |          | TOL °C                                      | -22                     |                         |                         |
|                          |                                                                                                                  |          | WTOL °C                                     | 35                      |                         |                         |
|                          |                                                                                                                  |          | COPd                                        | 2,62                    |                         |                         |
|                          |                                                                                                                  |          | Pdh kW                                      | 10,7                    |                         |                         |
|                          |                                                                                                                  |          | PERd %                                      | 104,8                   |                         |                         |
|                          |                                                                                                                  |          | COPd                                        | 2,62                    |                         |                         |
|                          |                                                                                                                  |          | Pdh kW                                      | 10,7                    |                         |                         |
|                          |                                                                                                                  |          | PERd %                                      | 104,8                   |                         |                         |
|                          |                                                                                                                  |          | Tbiv °C                                     | -15                     |                         |                         |
|                          |                                                                                                                  |          | Psup (bij Tontwerp -22°C)                   | 3,3                     |                         |                         |
|                          | Wateruitlaat warm klimaat 35°C                                                                                   | Algemeen | Annual energy consumption kWh               | 2.992                   |                         |                         |
|                          |                                                                                                                  |          | ηs (seizoensefficiëntie ruimteverwarming) % | 220                     |                         |                         |
|                          |                                                                                                                  |          | Pnominiaal 2°C kW                           | 13                      |                         |                         |
|                          |                                                                                                                  |          | Qhe Annual energy consumption (GCV) GJ      | 11                      |                         |                         |
|                          |                                                                                                                  |          | Cdh (reductie van verwarming)               | 1,0                     |                         |                         |
|                          |                                                                                                                  |          | COPd                                        | 3,51                    |                         |                         |
|                          |                                                                                                                  |          | Pdh kW                                      | 10,0                    |                         |                         |
|                          |                                                                                                                  |          | PERd %                                      | 140,4                   |                         |                         |
|                          |                                                                                                                  |          | Cdh (reductie van verwarming)               | 1,0                     |                         |                         |
|                          |                                                                                                                  |          | COPd                                        | 5,67                    |                         |                         |
|                          | Wateruitlaat warm klimaat 35°C                                                                                   | NB)      | Pdh kW                                      | 8,3                     |                         |                         |
|                          |                                                                                                                  |          | PERd %                                      | 226,8                   |                         |                         |
|                          |                                                                                                                  |          | COPd                                        | 4,96                    |                         |                         |
|                          |                                                                                                                  |          | Pdh kW                                      | 9,8                     |                         |                         |
|                          |                                                                                                                  |          | PERd %                                      | 198,4                   |                         |                         |
|                          |                                                                                                                  |          | Tbiv °C                                     | 5                       |                         |                         |
|                          |                                                                                                                  |          | Cdh (reductie van verwarming)               | 1,0                     |                         |                         |
|                          |                                                                                                                  |          | COPd                                        | 7,04                    |                         |                         |
|                          |                                                                                                                  |          | Pdh kW                                      | 5,7                     |                         |                         |
|                          |                                                                                                                  |          | PERd %                                      | 281,6                   |                         |                         |

(1)Capaciteit overeenkomstig norm EN14511 en geldig voor een verwarmd waterbereik met dT = 3~8°C at Ta 7°C |

(2)Voorwaarde: Ta DB/NB 7°C/6°C - LWC 35°C (DT = 5°C) |

(3)Het opgenomen vermogen is het totaal van binnen- en buitenunits, met inbegrip van de circulatiepomp; overeenkomstig EN14511 |

(4)DB/WB 7°C/6°C - LWC 35°C (dT=5°C) met pomp aan volledig toerental |

Koelen: EW 23°C; LW 18°C; omgevingsomstandigheden: 35°CDB |

Koelen: EW 12°C; LW 7°C; omgevingsomstandigheden: 35°CDB |

Getest bij Ta DB/NB 7°C/6°C. Conform EN 16147.

| Technische specificaties |           |      |    | ETBH16E9W7 + EPRA14DW17 | ETBH16E9W7 + EPRA16DW17 | ETBH16E9W7 + EPRA18DW17 |
|--------------------------|-----------|------|----|-------------------------|-------------------------|-------------------------|
| Verwarmingscapaciteit    | Min.      |      | kW | 3,70 (1)                | 3,96 (1)                | 4,40 (1)                |
|                          | Nom.      |      | kW | 5,90 (2)                | 9,00 (2)                |                         |
|                          | Max.      |      | kW | 9,75 (1)                | 10,44 (1)               | 11,60 (1)               |
| Opgenomen vermogen       | Verwarmen | Min. | kW | 0,84 (3)                | 0,90 (3)                | 1,00 (3)                |
|                          |           | Nom. | kW | 1,23 (2)                | 1,80 (2)                |                         |
|                          |           | Max. | kW | 2,17 (3)                | 2,32 (3)                | 2,58 (3)                |
| COP                      |           |      |    | 4,79 (2)                | 5,00 (2)                |                         |

## 2 Specificaties

### 2 - 1 Specificaties

2

| Technische specificaties                                                                       |                                                |                                                |                                           |       | ETBH16E9W7 + EPRA14DW17                                                                    | ETBH16E9W7 + EPRA16DW17 | ETBH16E9W7 + EPRA18DW17 |
|------------------------------------------------------------------------------------------------|------------------------------------------------|------------------------------------------------|-------------------------------------------|-------|--------------------------------------------------------------------------------------------|-------------------------|-------------------------|
| Pomp                                                                                           | Type                                           |                                                |                                           |       | Grundfos UPMXL GEO 25-125 130 PWM                                                          |                         |                         |
|                                                                                                | Nominale externe statische druk unit           | Verwarmen                                      | kPa                                       |       | 111,2 (4)                                                                                  | 97,4 (4)                |                         |
| Warmtewisselaar waterzijde                                                                     | Waterhoeveelheid                               | Verwarmen                                      | Nom.                                      | l/min | 16,3 (2)                                                                                   | 25,8 (2)                |                         |
| General                                                                                        | Gegevens van leverancier/fabrikant             | Naam en adres                                  |                                           |       | Daikin Europe N.V. - Zandvoordestraat 300, 8400 Oostende, Belgium                          |                         |                         |
|                                                                                                |                                                | Naam of handelsmerk                            |                                           |       | Daikin Europe N.V.                                                                         |                         |                         |
|                                                                                                | Product description                            | Lucht/water-warmtepomp                         |                                           |       | Ja                                                                                         |                         |                         |
|                                                                                                |                                                | Glycol/water-warmtepomp                        |                                           |       | Nee                                                                                        |                         |                         |
|                                                                                                |                                                | Verwarming combinatie warmtepomp               |                                           |       | Ja                                                                                         |                         |                         |
|                                                                                                |                                                | Lagetemperatuurswarmtepomp                     |                                           |       | Nee                                                                                        |                         |                         |
|                                                                                                |                                                | Ingebouwde hulpverwarming                      |                                           |       | Ja                                                                                         |                         |                         |
|                                                                                                |                                                | Water/water-warmtepomp                         |                                           |       | Nee                                                                                        |                         |                         |
|                                                                                                |                                                | LW(A) geluidsvermogensniveau (volgens EN14825) | Binnen                                    | dB(A) | 44,0                                                                                       |                         |                         |
|                                                                                                | LW(A) Sound power level (according to EN14825) | Outdoor                                        |                                           | dB(A) | 54,0                                                                                       |                         |                         |
| Ecodesign geluidsconditie en energielabel                                                      |                                                |                                                |                                           |       | Geluidsvermogen in verwarmingsmodus, gemeten volgens EN12102 onder voorwaarden van EN14825 |                         |                         |
| Algemene verwarming                                                                            | Andere                                         | Capacity control                               |                                           |       | Inverter                                                                                   |                         |                         |
|                                                                                                |                                                | Pck (carterverwarming aan)                     |                                           |       | 0,000                                                                                      |                         |                         |
|                                                                                                |                                                | Poff (uitgeschakelde stand)                    |                                           |       | 0,031                                                                                      |                         |                         |
|                                                                                                |                                                | Psb (in stand-by)                              |                                           |       | 0,042                                                                                      |                         |                         |
|                                                                                                |                                                | Pto (thermostaat uit)                          |                                           |       | 0,033                                                                                      |                         |                         |
|                                                                                                | Ingebouwde hulpverwarming                      | Psup                                           |                                           |       | 9,0                                                                                        |                         |                         |
|                                                                                                |                                                | Type stroomvoorziening                         |                                           |       | Elektrisch                                                                                 |                         |                         |
|                                                                                                |                                                |                                                |                                           |       |                                                                                            |                         |                         |
|  Verwarming | Wateruitlaat gematigd klimaat 55°C             | Algemeen                                       | Annual energy consumption                 | kWh   | 7,236                                                                                      |                         |                         |
|                                                                                                |                                                |                                                | ηs (seizoensefficiëntie ruimteverwarming) | %     | 140                                                                                        |                         |                         |
|                                                                                                |                                                |                                                | Pnominiaal -10°C                          | kW    | 13                                                                                         |                         |                         |
|                                                                                                |                                                |                                                | Qhe Annual energy consumption (GCV)       | Gj    | 26                                                                                         |                         |                         |
|                                                                                                |                                                |                                                | SCOP                                      |       | 3,57                                                                                       |                         |                         |
|                                                                                                |                                                |                                                | Seizoensefficiëntieklasse verwarming      |       | A++                                                                                        |                         |                         |
|                                                                                                |                                                |                                                | A-conditie (+7°C DB/-9°C NB)              |       | 1,0                                                                                        |                         |                         |
|                                                                                                |                                                |                                                | COPd (reductie van verwarming)            |       | 2,43                                                                                       |                         |                         |
|                                                                                                |                                                |                                                |                                           |       |                                                                                            |                         |                         |
|                                                                                                |                                                |                                                |                                           |       |                                                                                            |                         |                         |

## 2 Specificaties

### 2 - 1 Specificaties

| Technische specificaties             |                                                                                   |                                             |                                                                   |                                 | ETBH16E9W7 + EPRA14DW17 | ETBH16E9W7 + EPRA16DW17 | ETBH16E9W7 + EPRA18DW17 |      |
|--------------------------------------|-----------------------------------------------------------------------------------|---------------------------------------------|-------------------------------------------------------------------|---------------------------------|-------------------------|-------------------------|-------------------------|------|
| Verwarming                           |  | Wateruitlaat<br>gematigd<br>klimaat<br>55°C | A-conditie                                                        | Pdh                             | kW                      |                         | 11,1                    |      |
|                                      |                                                                                   |                                             | (-7°C DB/-<br>8°C NB)                                             | PERd                            | %                       |                         | 97,2                    |      |
|                                      |                                                                                   |                                             | B-conditie<br>(2°C DB/1°C<br>NB)                                  | Cdh (reductie van verwarming)   |                         |                         |                         | 1,0  |
|                                      |                                                                                   |                                             |                                                                   | COPd                            |                         |                         |                         | 3,52 |
|                                      |                                                                                   |                                             |                                                                   | Pdh                             | kW                      |                         | 6,7                     |      |
|                                      |                                                                                   |                                             |                                                                   | PERd                            | %                       |                         | 140,8                   |      |
|                                      |                                                                                   |                                             | C-conditie<br>(7°C DB/6°C<br>NB)                                  | Cdh (reductie van verwarming)   |                         |                         |                         | 1,0  |
|                                      |                                                                                   |                                             |                                                                   | COPd                            |                         |                         |                         | 4,54 |
|                                      |                                                                                   |                                             |                                                                   | Pdh                             | kW                      |                         | 6,5                     |      |
|                                      |                                                                                   |                                             |                                                                   | PERd                            | %                       |                         | 181,6                   |      |
|                                      |                                                                                   |                                             | D-conditie<br>(12°C DB/11°C<br>NB)                                | Cdh (reductie van verwarming)   |                         |                         |                         | 1,0  |
|                                      |                                                                                   |                                             |                                                                   | COPd                            |                         |                         |                         | 5,97 |
|                                      |                                                                                   |                                             |                                                                   | Pdh                             | kW                      |                         | 5,2                     |      |
|                                      |                                                                                   |                                             |                                                                   | PERd                            | %                       |                         | 238,8                   |      |
|                                      |                                                                                   |                                             | TOL (bedrijf-<br>stempera-<br>tuur)                               | COPd                            |                         |                         |                         | 2,12 |
|                                      |                                                                                   |                                             |                                                                   | Pdh                             | kW                      |                         | 12,5                    |      |
|                                      |                                                                                   |                                             |                                                                   | PERd                            | %                       |                         | 84,8                    |      |
|                                      |                                                                                   |                                             |                                                                   | TOL                             | °C                      |                         | -10                     |      |
|                                      |                                                                                   |                                             | Extra<br>capaciteit<br>nominiaal<br>verwar-<br>mingsver-<br>mogen | WTOL                            |                         |                         |                         | 55   |
|                                      |                                                                                   |                                             |                                                                   | Psup (bij Tontwerp<br>-10°C)    | kW                      |                         | 0,0                     |      |
|                                      |                                                                                   |                                             |                                                                   | Tbiv                            | COPd                    |                         | 2,12                    |      |
|                                      |                                                                                   |                                             |                                                                   | (bivalente<br>tempera-<br>tuur) | Pdh                     | kW                      |                         | 12,5 |
|                                      |                                                                                   |                                             | PERd                                                              |                                 | %                       |                         | 84,8                    |      |
|                                      |                                                                                   |                                             | Tbiv                                                              |                                 | °C                      |                         | -10                     |      |
| Wateruitlaat<br>koud klimaat<br>55°C |                                                                                   |                                             |                                                                   |                                 | 9.658                   |                         |                         |      |
| Algemeen                             | Annual energy<br>consumption                                                      | kWh                                         |                                                                   |                                 |                         |                         |                         |      |
|                                      | ηs (seizoensefficiëntie<br>ruimteverwarming)                                      | %                                           |                                                                   | 125                             |                         |                         |                         |      |
|                                      | Pnominiaal -22°C                                                                  | kW                                          |                                                                   | 13                              |                         |                         |                         |      |
|                                      | Qhe Annual energy<br>consumption (GCV)                                            | Gj                                          |                                                                   | 35                              |                         |                         |                         |      |
|                                      | A-conditie<br>(-7°C DB/-<br>8°C NB)                                               | Cdh (reductie van verwarming)               |                                                                   |                                 |                         | 1,0                     |                         |      |
|                                      |                                                                                   | COPd                                        |                                                                   |                                 |                         | 2,74                    |                         |      |
|                                      |                                                                                   | Pdh                                         | kW                                                                |                                 | 7,5                     |                         |                         |      |
|                                      |                                                                                   | PERd                                        | %                                                                 |                                 | 109,6                   |                         |                         |      |
|                                      | B-conditie<br>(2°C DB/1°C<br>NB)                                                  | Cdh (reductie van verwarming)               |                                                                   |                                 |                         | 1,0                     |                         |      |
|                                      |                                                                                   | COPd                                        |                                                                   |                                 |                         | 3,67                    |                         |      |
|                                      |                                                                                   | Pdh                                         | kW                                                                |                                 | 5,8                     |                         |                         |      |
|                                      |                                                                                   | PERd                                        | %                                                                 |                                 | 146,8                   |                         |                         |      |
|                                      | C-conditie<br>(7°C DB/6°C<br>NB)                                                  | Cdh (reductie van verwarming)               |                                                                   |                                 |                         | 1,0                     |                         |      |

## 2 Specificaties

### 2 - 1 Specificaties

| Technische specificaties |                                             |                                               |                                           | ETBH16E9W7 + EPRA14DW17 | ETBH16E9W7 + EPRA16DW17 | ETBH16E9W7 + EPRA18DW17 |
|--------------------------|---------------------------------------------|-----------------------------------------------|-------------------------------------------|-------------------------|-------------------------|-------------------------|
| Verwarming               | Wateruitlaat koud klimaat (7°C DB/6°C 55°C) | C-conditie                                    | COPd                                      |                         | 4,69                    |                         |
|                          |                                             |                                               | Pdh                                       | kW                      | 5,6                     |                         |
|                          |                                             |                                               | PERd                                      | %                       | 187,6                   |                         |
|                          |                                             | D-conditie (12°C DB/11°C NB)                  | COPd                                      |                         | 6,12                    |                         |
|                          |                                             |                                               | Pdh                                       | kW                      | 6,2                     |                         |
|                          |                                             |                                               | PERd                                      | %                       | 244,8                   |                         |
|                          |                                             | TOL (bedrijfstemperatuur)                     | COPd                                      |                         | 1,65                    |                         |
|                          |                                             |                                               | Pdh                                       | kW                      | 10,6                    |                         |
|                          |                                             |                                               | PERd                                      | %                       | 66,0                    |                         |
|                          |                                             | TOL                                           | °C                                        |                         | -22                     |                         |
|                          |                                             |                                               | WTOL                                      | °C                      | 55                      |                         |
|                          |                                             | G-conditie (-15°C DB/-)                       | COPd                                      |                         | 2,17                    |                         |
|                          |                                             |                                               | Pdh                                       | kW                      | 10,3                    |                         |
|                          |                                             |                                               | PERd                                      | %                       | 86,8                    |                         |
|                          |                                             | Tbiv (bivalente temperatuur)                  | COPd                                      |                         | 1,90                    |                         |
|                          |                                             |                                               | Pdh                                       | kW                      | 11,0                    |                         |
|                          |                                             |                                               | PERd                                      | %                       | 76,0                    |                         |
|                          |                                             | Extra capaciteit nominaal verwarmingsvermogen | Tbiv                                      | °C                      | -18                     |                         |
|                          |                                             |                                               | Psup (bij Tontwerp ~22°C)                 | kW                      | 1,9                     |                         |
|                          | Wateruitlaat warm klimaat 55°C              | Algemeen                                      | Annual energy consumption                 | kWh                     | 4.453                   |                         |
|                          |                                             |                                               | ηs (seizoensefficiëntie ruimteverwarming) | %                       | 166                     |                         |
|                          |                                             |                                               | Pnominaal 2°C                             | kW                      | 14                      |                         |
|                          |                                             |                                               | Qhe Annual energy consumption (GCV)       | Gj                      | 16                      |                         |
|                          |                                             | B-conditie (2°C DB/1°C NB)                    | Cdh (reductie van verwarming)             |                         | 1,0                     |                         |
|                          |                                             |                                               | COPd                                      |                         | 2,62                    |                         |
|                          |                                             |                                               | Pdh                                       | kW                      | 11,4                    |                         |
|                          |                                             |                                               | PERd                                      | %                       | 104,8                   |                         |
|                          |                                             | C-conditie (7°C DB/6°C NB)                    | Cdh (reductie van verwarming)             |                         | 1,0                     |                         |
|                          |                                             |                                               | COPd                                      |                         | 3,78                    |                         |
|                          |                                             |                                               | Pdh                                       | kW                      | 9,0                     |                         |
|                          |                                             |                                               | PERd                                      | %                       | 151,2                   |                         |
|                          |                                             | D-conditie (12°C DB/11°C NB)                  | Cdh (reductie van verwarming)             |                         | 1,0                     |                         |
|                          |                                             |                                               | COPd                                      |                         | 5,63                    |                         |
|                          |                                             |                                               | Pdh                                       | kW                      | 5,9                     |                         |
|                          |                                             |                                               | PERd                                      | %                       | 225,2                   |                         |
|                          |                                             | Tbiv (bivalente temperatuur)                  | COPd                                      |                         | 3,43                    |                         |
|                          |                                             |                                               | Pdh                                       | kW                      | 11,1                    |                         |



## 2 Specificaties

### 2 - 1 Specificaties

| Technische specificaties |                                               |                               |                                           | ETBH16E9W7 + EPRA14DW17 | ETBH16E9W7 + EPRA16DW17 | ETBH16E9W7 + EPRA18DW17 |
|--------------------------|-----------------------------------------------|-------------------------------|-------------------------------------------|-------------------------|-------------------------|-------------------------|
| Verwarming               | Wateruitlaat warm klimaat 55°C                | Tbiv (bivalente temperatuur)  | PERd %                                    |                         | 137,2                   | 5                       |
|                          | Wateruitlaat 45°C                             | H-voorwaarde (-2°C)           | Max. kW                                   | 11,1                    |                         | 11,8                    |
|                          | Wateruitlaat gematigd klimaat 35°C            | Algemeen                      | Annual energy consumption                 |                         | 5,479                   |                         |
|                          |                                               |                               | ηs (seizoensefficiëntie ruimteverwarming) |                         | 186                     |                         |
|                          |                                               |                               | Pnominiaal -10°C                          |                         | 13                      |                         |
|                          |                                               |                               | Qhe Annual energy consumption (GCV)       |                         | 20                      |                         |
|                          |                                               |                               | SCOP                                      |                         | 4,71                    |                         |
|                          |                                               |                               | Seizoensefficiëntieklasse verwarming      |                         | A+++                    |                         |
|                          | A-conditie (-7°C DB/-8°C NB)                  | COPd                          |                                           |                         | 2,97                    |                         |
|                          |                                               | Pdh                           | kW                                        |                         | 10,7                    |                         |
|                          |                                               | PERd                          | %                                         |                         | 118,8                   |                         |
|                          | B-conditie (2°C DB/1°C NB)                    | Cdh (reductie van verwarming) |                                           |                         | 1,0                     |                         |
|                          |                                               | COPd                          |                                           |                         | 4,94                    |                         |
|                          |                                               | Pdh                           | kW                                        |                         | 6,9                     |                         |
|                          |                                               | PERd                          | %                                         |                         | 197,6                   |                         |
|                          | C-conditie (7°C DB/6°C NB)                    | Cdh (reductie van verwarming) |                                           |                         | 1,0                     |                         |
|                          |                                               | COPd                          |                                           |                         | 5,95                    |                         |
|                          |                                               | Pdh                           | kW                                        |                         | 6,2                     |                         |
|                          |                                               | PERd                          | %                                         |                         | 238,0                   |                         |
|                          | D-conditie (12°C DB/11°C NB)                  | Cdh (reductie van verwarming) |                                           |                         | 1,0                     |                         |
|                          |                                               | COPd                          |                                           |                         | 7,07                    |                         |
|                          |                                               | Pdh                           | kW                                        |                         | 5,6                     |                         |
|                          |                                               | PERd                          | %                                         |                         | 282,8                   |                         |
|                          | TOL (bedrijfstemperatuur)                     | COPd                          |                                           |                         | 2,88                    |                         |
|                          |                                               | Pdh                           | kW                                        |                         | 12,1                    |                         |
|                          |                                               | PERd                          | %                                         |                         | 115,2                   |                         |
|                          |                                               | TOL                           | °C                                        |                         | -10                     |                         |
|                          |                                               | WTOL                          | °C                                        |                         | 35                      |                         |
|                          | Tbiv (bivalente temperatuur)                  | COPd                          |                                           |                         | 2,97                    |                         |
|                          |                                               | Pdh                           | kW                                        |                         | 10,7                    |                         |
|                          |                                               | PERd                          | %                                         |                         | 118,8                   |                         |
|                          |                                               | Tbiv                          | °C                                        |                         | -7                      |                         |
|                          | Extra capaciteit nominaal verwarmingsvermogen | Psup (bij Tontwerp -10°C)     | kW                                        |                         | 0,4                     |                         |
| Verwarming               | Wateruitlaat koud klimaat 35°C                | Algemeen                      | Annual energy consumption                 |                         | 7,445                   |                         |
|                          |                                               |                               | ηs (seizoensefficiëntie ruimteverwarming) |                         | 163                     |                         |
|                          |                                               |                               | Pnominiaal -22°C                          |                         | 13                      |                         |

## 2 Specificaties

### 2 - 1 Specificaties

| Technische specificaties |                                                                                                                    |                                               |                                           | ETBH16E9W7 + EPRA14DW17 | ETBH16E9W7 + EPRA16DW17 | ETBH16E9W7 + EPRA18DW17 |
|--------------------------|--------------------------------------------------------------------------------------------------------------------|-----------------------------------------------|-------------------------------------------|-------------------------|-------------------------|-------------------------|
| Verwarming               |  Wateruitlaat koud klimaat 35°C   | Algemeen                                      | Qhe jaarl. energieverbruik (GCV)          | Gj                      | 27                      |                         |
|                          |                                                                                                                    | A Condition (-7°C DB/-8°C WB)                 | COPd                                      |                         | 3,50                    |                         |
|                          |                                                                                                                    |                                               | Pdh                                       | kW                      | 8,0                     |                         |
|                          |                                                                                                                    |                                               | PERd                                      | %                       | 140,0                   |                         |
|                          |                                                                                                                    | B Condition (2°C DB/-1°C WB)                  | Cdh (reductie van verwarming)             |                         | 1,0                     |                         |
|                          |                                                                                                                    |                                               | COPd                                      |                         | 5,07                    |                         |
|                          |                                                                                                                    |                                               | Pdh                                       | kW                      | 4,9                     |                         |
|                          |                                                                                                                    |                                               | PERd                                      | %                       | 202,8                   |                         |
|                          |                                                                                                                    | C-conditie (7°C DB/6°C NB)                    | Cdh (reductie van verwarming)             |                         | 1,0                     |                         |
|                          |                                                                                                                    |                                               | COPd                                      |                         | 6,10                    |                         |
|                          |                                                                                                                    |                                               | Pdh                                       | kW                      | 5,3                     |                         |
|                          |                                                                                                                    |                                               | PERd                                      | %                       | 244,0                   |                         |
|                          |                                                                                                                    | D-conditie (12°C DB/11°C NB)                  | Cdh (reductie van verwarming)             |                         | 1,0                     |                         |
|                          |                                                                                                                    |                                               | COPd                                      |                         | 7,03                    |                         |
|                          |                                                                                                                    |                                               | Pdh                                       | kW                      | 5,7                     |                         |
|                          |                                                                                                                    |                                               | PERd                                      | %                       | 281,2                   |                         |
|                          |                                                                                                                    | TOL (bedrijfstemperatuur)                     | COPd                                      |                         | 2,17                    |                         |
|                          |                                                                                                                    |                                               | Pdh                                       | kW                      | 9,2                     |                         |
|                          |                                                                                                                    |                                               | PERd                                      | %                       | 86,8                    |                         |
|                          |                                                                                                                    |                                               | TOL                                       | °C                      | -22                     |                         |
|                          |                                                                                                                    |                                               | WTOL                                      | °C                      | 35                      |                         |
|                          |                                                                                                                    | G-conditie (-15°C DB/-)                       | COPd                                      |                         | 2,62                    |                         |
|                          |                                                                                                                    |                                               | Pdh                                       | kW                      | 10,7                    |                         |
|                          |                                                                                                                    |                                               | PERd                                      | %                       | 104,8                   |                         |
|                          |                                                                                                                    | Tbiv (bivalente temperatuur)                  | COPd                                      |                         | 2,62                    |                         |
|                          |                                                                                                                    |                                               | Pdh                                       | kW                      | 10,7                    |                         |
|                          |                                                                                                                    |                                               | PERd                                      | %                       | 104,8                   |                         |
|                          |                                                                                                                    |                                               | Tbiv                                      | °C                      | -15                     |                         |
|                          |                                                                                                                    | Extra capaciteit nominaal verwarmingsvermogen | Psup (bij Tontwerp -22°C)                 | kW                      | 3,3                     |                         |
|                          |  Wateruitlaat warm klimaat 35°C | Algemeen                                      | Annual energy consumption                 | kWh                     | 2.992                   |                         |
|                          |                                                                                                                    |                                               | ηs (seizoensefficiëntie ruimteverwarming) | %                       | 220                     |                         |
|                          |                                                                                                                    |                                               | Pnominaal 2°C                             | kW                      | 13                      |                         |
|                          |                                                                                                                    |                                               | Qhe Annual energy consumption (GCV)       | Gj                      | 11                      |                         |
|                          |                                                                                                                    | B-conditie (2°C DB/1°C NB)                    | Cdh (reductie van verwarming)             |                         | 1,0                     |                         |
|                          |                                                                                                                    |                                               | COPd                                      |                         | 3,51                    |                         |
|                          |                                                                                                                    |                                               | Pdh                                       | kW                      | 10,0                    |                         |
|                          |                                                                                                                    |                                               | PERd                                      | %                       | 140,4                   |                         |
|                          |                                                                                                                    | Tbiv (bivalente temperatuur)                  | COPd                                      |                         | 4,96                    |                         |
|                          |                                                                                                                    |                                               | Pdh                                       | kW                      | 9,8                     |                         |
| Verwarming               |  Wateruitlaat warm klimaat 35°C | C-conditie (7°C DB/6°C NB)                    | Cdh (reductie van verwarming)             |                         | 1,0                     |                         |
|                          |                                                                                                                    |                                               | COPd                                      |                         | 5,67                    |                         |
|                          |                                                                                                                    |                                               | Pdh                                       | kW                      | 8,3                     |                         |
|                          |                                                                                                                    |                                               | PERd                                      | %                       | 226,8                   |                         |
|                          |                                                                                                                    | Tbiv (bivalente temperatuur)                  | COPd                                      |                         | 4,96                    |                         |
|                          |                                                                                                                    |                                               | Pdh                                       | kW                      | 9,8                     |                         |
|                          |                                                                                                                    |                                               | PERd                                      | %                       | 198,4                   |                         |
|                          |                                                                                                                    |                                               | Tbiv                                      | °C                      | 5                       |                         |
|                          |                                                                                                                    | D-conditie (12°C DB/11°C NB)                  | Cdh (reductie van verwarming)             |                         | 1,0                     |                         |
|                          |                                                                                                                    |                                               | COPd                                      |                         | 7,04                    |                         |
|                          |                                                                                                                    |                                               | Pdh                                       | kW                      | 5,7                     |                         |
|                          |                                                                                                                    |                                               | PERd                                      | %                       | 281,6                   |                         |

(1)Capaciteit overeenkomstig norm EN14511 en geldig voor een verwarmd waterbereik met dT = 3~8°C at Ta 7°C |

(2)Voorwaarde: Ta DB/NB 7°C/6°C - LWC 35°C (DT = 5°C) |

(3)Het opgenomen vermogen is het totaal van binnen- en buitenunits, met inbegrip van de circulatiepomp; overeenkomstig EN14511 |

(4)DB/WB 7°C/6°C - LWC 35°C (dT=5°C) met pomp aan volledig toerental |

Koelen: EW 23°C; LW 18°C; omgevingsomstandigheden: 35°CDB |

Koelen: EW 12°C; LW 7°C; omgevingsomstandigheden: 35°CDB |

Getest bij Ta DB/NB 7°C/6°C. Conform EN 16147.

| Technische specificaties |      |    |  | ETBX16E6V7 + EPRA14DW17 | ETBX16E6V7 + EPRA16DW17 | ETBX16E6V7 + EPRA18DW17 |
|--------------------------|------|----|--|-------------------------|-------------------------|-------------------------|
| Verwarmingscapaciteit    | Min. | kW |  | 3,70 (1)                | 3,96 (1)                | 4,40 (1)                |
|                          | Nom. | kW |  | 5,90 (2)                | 9,00 (2)                |                         |
|                          | Max. | kW |  | 9,75 (1)                | 10,44 (1)               | 11,60 (1)               |
| Koelvermogen             | Nom. | kW |  | 10,6 (3) / 6,90 (4)     | 11,5 (3) / 7,88 (4)     | 12,5 (3) / 8,86 (4)     |

## 2 Specificaties

### 2 - 1 Specificaties

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| Technische specificaties   |                                                |                                   |                                           | ETBX16E6V7 + EPRA14DW17                                                                    | ETBX16E6V7 + EPRA16DW17 | ETBX16E6V7 + EPRA18DW17 |
|----------------------------|------------------------------------------------|-----------------------------------|-------------------------------------------|--------------------------------------------------------------------------------------------|-------------------------|-------------------------|
| Opgenomen vermogen         | Verwarmen                                      | Min.                              | kW                                        | 0,84 (5)                                                                                   | 0,90 (5)                | 1,00 (5)                |
|                            |                                                | Nom.                              | kW                                        | 1,23 (2)                                                                                   | 1,80 (2)                |                         |
|                            |                                                | Max.                              | kW                                        | 2,17 (5)                                                                                   | 2,32 (5)                | 2,58 (5)                |
|                            | Koelen                                         | Nom.                              | kW                                        | 2,55 (3) / 2,56 (4)                                                                        | 2,80 (3) / 2,93 (4)     | 3,05 (3) / 3,31 (4)     |
| COP                        |                                                |                                   |                                           | 4,79 (2)                                                                                   | 5,00 (2)                |                         |
| EER                        |                                                |                                   |                                           | 4,13 (3) / 2,70 (4)                                                                        | 4,11 (3) / 2,69 (4)     | 4,09 (3) / 2,68 (4)     |
| Pomp                       | Type                                           | Grundfos UPMXL GEO 25-125 130 PWM |                                           |                                                                                            |                         |                         |
|                            | Nominale externe statische druk unit           | Verwarmen                         | kPa                                       | 111,2 (6)                                                                                  | 97,4 (6)                |                         |
| Warmtewisselaar waterzijde | Waterhoeveelheid                               | Verwarmen                         | Nom.                                      | l/min                                                                                      | 16,3 (2)                | 25,8 (2)                |
| General                    | Gegevens van leverancier/fabrikant             | Naam en adres                     |                                           | Daikin Europe N.V. - Zandvoordestraat 300, 8400 Oostende, Belgium                          |                         |                         |
|                            |                                                | Naam of handelsmerk               |                                           | Daikin Europe N.V.                                                                         |                         |                         |
|                            | Product description                            | Lucht/water-warmtepomp            |                                           | Ja                                                                                         |                         |                         |
|                            |                                                | Glycol/water-warmtepomp           |                                           | Nee                                                                                        |                         |                         |
|                            |                                                | Verwarming combinatie warmtepomp  |                                           | Ja                                                                                         |                         |                         |
|                            |                                                | Lagetemperatuurswarmtepomp        |                                           | Nee                                                                                        |                         |                         |
|                            |                                                | Ingebouwde hulpverwarming         |                                           | Ja                                                                                         |                         |                         |
|                            |                                                | Water/water-warmtepomp            |                                           | Nee                                                                                        |                         |                         |
|                            | LW(A) geluidsvermogensniveau (volgens EN14825) | Binnen                            | dB(A)                                     | 44,0                                                                                       |                         |                         |
|                            | LW(A) Sound power level (according to EN14825) | Outdoor                           | dB(A)                                     | 54,0                                                                                       |                         |                         |
|                            | Ecodesign geluidsconditie en energielabel      |                                   |                                           | Geluidsvermogen in verwarmingsmodus, gemeten volgens EN12102 onder voorwaarden van EN14825 |                         |                         |
|                            | Algemene verwarming                            | Andere                            | Capacity control                          |                                                                                            | Inverter                |                         |
|                            |                                                |                                   | Pck (carterverwarming aan)                |                                                                                            | 0,000                   |                         |
|                            |                                                |                                   | Poff (uitgeschakelde stand)               |                                                                                            | 0,031                   |                         |
|                            |                                                |                                   | Psb (in stand-by)                         |                                                                                            | 0,042                   |                         |
|                            |                                                |                                   | Pto (thermostaat uit)                     |                                                                                            | 0,033                   |                         |
|                            |                                                | Ingebouwde hulpverwarming         | Psup                                      |                                                                                            | 6,0                     |                         |
|                            |                                                |                                   | Type stroomvoorziening                    |                                                                                            | Elektrisch              |                         |
| Verwarming                 | Wateruitlaat gematigd klimaat 55°C             | Algemeen                          | Annual energy consumption                 | kWh                                                                                        | 7,122                   |                         |
|                            |                                                |                                   | ηs (seizoensefficiëntie ruimteverwarming) | %                                                                                          | 142                     |                         |
|                            |                                                |                                   | Pnominiaal -10°C                          | kW                                                                                         | 13                      |                         |
|                            |                                                |                                   | Qhe Annual energy consumption (GCV)       | Gj                                                                                         | 26                      |                         |
|                            |                                                |                                   | SCOP                                      |                                                                                            | 3,63                    |                         |

## 2 Specificaties

### 2 - 1 Specificaties

| Technische specificaties             |                                                                                                                                          |                                              |                                                                  | ETBX16E6V7 + EPRA14DW17             | ETBX16E6V7 + EPRA16DW17 | ETBX16E6V7 + EPRA18DW17 |      |  |
|--------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------|------------------------------------------------------------------|-------------------------------------|-------------------------|-------------------------|------|--|
| Verwarming                           | <div></div> Wateruitlaat<br>gematigd<br>klimaat<br>55°C | Algemeen                                     | Seizoensefficiëntieklasse<br>verwarming                          |                                     | A++                     |                         |      |  |
|                                      |                                                                                                                                          |                                              | Cdh (reductie van verwarming)                                    |                                     | 1,0                     |                         |      |  |
|                                      |                                                                                                                                          |                                              | COPd                                                             |                                     | 2,43                    |                         |      |  |
|                                      |                                                                                                                                          |                                              | A-conditie<br>(-7°C DB/-<br>8°C NB)                              | Pdh                                 | kW                      | 11,1                    |      |  |
|                                      |                                                                                                                                          |                                              |                                                                  | PERd                                | %                       | 97,2                    |      |  |
|                                      |                                                                                                                                          |                                              |                                                                  | Cdh (reductie van verwarming)       |                         | 1,0                     |      |  |
|                                      |                                                                                                                                          |                                              |                                                                  | COPd                                |                         | 3,52                    |      |  |
|                                      |                                                                                                                                          |                                              | B-conditie<br>(2°C DB/1°C<br>NB)                                 | Pdh                                 | kW                      | 6,7                     |      |  |
|                                      |                                                                                                                                          |                                              |                                                                  | PERd                                | %                       | 140,8                   |      |  |
|                                      |                                                                                                                                          |                                              |                                                                  | Cdh (reductie van verwarming)       |                         | 1,0                     |      |  |
|                                      |                                                                                                                                          |                                              |                                                                  | COPd                                |                         | 4,54                    |      |  |
|                                      |                                                                                                                                          |                                              | C-conditie<br>(7°C DB/6°C<br>NB)                                 | Pdh                                 | kW                      | 6,5                     |      |  |
|                                      |                                                                                                                                          |                                              |                                                                  | PERd                                | %                       | 181,6                   |      |  |
|                                      |                                                                                                                                          |                                              |                                                                  | D-conditie<br>(12°C DB/11°C<br>NB)  |                         | 1,0                     |      |  |
|                                      |                                                                                                                                          |                                              |                                                                  | COPd                                |                         | 5,97                    |      |  |
|                                      |                                                                                                                                          |                                              | D-conditie<br>(12°C DB/11°C<br>NB)                               | Pdh                                 | kW                      | 5,2                     |      |  |
|                                      |                                                                                                                                          |                                              |                                                                  | PERd                                | %                       | 238,8                   |      |  |
|                                      |                                                                                                                                          |                                              |                                                                  | TOL (bedrijf-<br>stempera-<br>tuur) | COPd                    |                         | 2,12 |  |
|                                      |                                                                                                                                          |                                              |                                                                  |                                     | Pdh                     | kW                      | 12,5 |  |
|                                      |                                                                                                                                          |                                              | PERd                                                             |                                     | %                       | 84,8                    |      |  |
|                                      |                                                                                                                                          |                                              | TOL                                                              |                                     | °C                      | -10                     |      |  |
|                                      |                                                                                                                                          |                                              | WTOL                                                             |                                     | °C                      | 55                      |      |  |
|                                      |                                                                                                                                          |                                              | Extra<br>capaciteit<br>nominaal<br>verwar-<br>mingsver-<br>mogen | Psup (bij Tontwerp<br>-10°C)        | kW                      | 0,0                     |      |  |
|                                      |                                                                                                                                          |                                              |                                                                  | Tbiv                                | COPd                    | 2,12                    |      |  |
|                                      |                                                                                                                                          |                                              |                                                                  | (bivalente<br>tempera-<br>tuur)     | Pdh                     | kW                      | 12,5 |  |
|                                      |                                                                                                                                          |                                              |                                                                  |                                     | PERd                    | %                       | 84,8 |  |
|                                      |                                                                                                                                          |                                              |                                                                  |                                     | Tbiv                    | °C                      | -10  |  |
| Wateruitlaat<br>koud klimaat<br>55°C | Algemeen                                                                                                                                 | Annual energy<br>consumption                 | kWh                                                              | 9.589                               |                         |                         |      |  |
|                                      |                                                                                                                                          | ηs (seizoensefficiëntie<br>ruimteverwarming) | %                                                                | 126                                 |                         |                         |      |  |
|                                      |                                                                                                                                          | Pnominaal -22°C                              | kW                                                               | 13                                  |                         |                         |      |  |
|                                      |                                                                                                                                          | Qhe Annual energy<br>consumption (GCV)       | Gj                                                               | 35                                  |                         |                         |      |  |
|                                      |                                                                                                                                          | A-conditie<br>(-7°C DB/-<br>8°C NB)          | Cdh (reductie van verwarming)                                    |                                     | 1,0                     |                         |      |  |
|                                      |                                                                                                                                          |                                              | COPd                                                             |                                     | 2,74                    |                         |      |  |
|                                      |                                                                                                                                          |                                              | Pdh                                                              | kW                                  | 7,5                     |                         |      |  |
|                                      |                                                                                                                                          |                                              | PERd                                                             | %                                   | 109,6                   |                         |      |  |
|                                      |                                                                                                                                          | B-conditie (2°C<br>DB/1°C NB)                | Cdh (reductie van verwarming)                                    |                                     | 1,0                     |                         |      |  |
|                                      |                                                                                                                                          |                                              | COPd                                                             |                                     | 3,67                    |                         |      |  |
|                                      |                                                                                                                                          |                                              |                                                                  |                                     |                         |                         |      |  |
|                                      |                                                                                                                                          |                                              |                                                                  |                                     |                         |                         |      |  |
|                                      |                                                                                                                                          |                                              |                                                                  |                                     |                         |                         |      |  |
|                                      |                                                                                                                                          |                                              |                                                                  |                                     |                         |                         |      |  |
|                                      |                                                                                                                                          |                                              |                                                                  |                                     |                         |                         |      |  |
|                                      |                                                                                                                                          |                                              |                                                                  |                                     |                         |                         |      |  |

## 2 Specificaties

### 2 - 1 Specificaties

| Technische specificaties |                                                                                                                                                   |                                                               |                                              | ETBX16E6V7 + EPRA14DW17 | ETBX16E6V7 + EPRA16DW17 | ETBX16E6V7 + EPRA18DW17 |
|--------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------|----------------------------------------------|-------------------------|-------------------------|-------------------------|
| Verwarming               |  Wateruitlaat B-conditie<br>koud klimaat (2°C DB/1°C<br>55°C NB) | Pdh                                                           | kW                                           |                         | 5,8                     |                         |
|                          |                                                                                                                                                   | PERd                                                          | %                                            |                         | 146,8                   |                         |
|                          |                                                                                                                                                   | Cdh (reductie van verwarming)                                 |                                              |                         | 1,0                     |                         |
|                          |                                                                                                                                                   | COPd                                                          |                                              |                         | 4,69                    |                         |
|                          |                                                                                                                                                   | Pdh                                                           | kW                                           |                         | 5,6                     |                         |
|                          |                                                                                                                                                   | PERd                                                          | %                                            |                         | 187,6                   |                         |
|                          |                                                                                                                                                   | D-conditie                                                    |                                              |                         | 6,12                    |                         |
|                          |                                                                                                                                                   | (12°C DB/11°C NB)                                             |                                              |                         | 6,2                     |                         |
|                          |                                                                                                                                                   | PERd                                                          | %                                            |                         | 244,8                   |                         |
|                          |                                                                                                                                                   | TOL (bedrijf-tempera-<br>tuur)                                |                                              |                         | 1,65                    |                         |
|                          |                                                                                                                                                   | Pdh                                                           | kW                                           |                         | 10,6                    |                         |
|                          |                                                                                                                                                   | PERd                                                          | %                                            |                         | 66,0                    |                         |
|                          |                                                                                                                                                   | TOL                                                           | °C                                           |                         | -22                     |                         |
|                          |                                                                                                                                                   | WTOL                                                          | °C                                           |                         | 55                      |                         |
|                          |                                                                                                                                                   | G-conditie                                                    |                                              |                         | 2,17                    |                         |
|                          |                                                                                                                                                   | (-15°C DB/-)                                                  |                                              |                         | 10,3                    |                         |
|                          |                                                                                                                                                   | PERd                                                          | %                                            |                         | 86,8                    |                         |
|                          |                                                                                                                                                   | Tbiv                                                          |                                              |                         | 1,90                    |                         |
|                          |                                                                                                                                                   | (bivalente tempera-<br>tuur)                                  |                                              |                         | 11,0                    |                         |
|                          |                                                                                                                                                   | PERd                                                          | %                                            |                         | 76,0                    |                         |
|                          |                                                                                                                                                   | Tbiv                                                          | °C                                           |                         | -18                     |                         |
|                          |                                                                                                                                                   | Extra capaciteit<br>nominaal<br>verwar-<br>mingsver-<br>mogen | Psup (bij Tontwerp<br>-22°C)                 | kW                      | 1,9                     |                         |
|                          | Wateruitlaat<br>warm<br>klimaat<br>55°C                                                                                                           | Algemeen                                                      | Annual energy<br>consumption                 | kWh                     | 4.316                   |                         |
|                          |                                                                                                                                                   |                                                               | ηs (seizoensefficiëntie<br>ruimteverwarming) | %                       | 172                     |                         |
|                          |                                                                                                                                                   |                                                               | Pnominaal 2°C                                | kW                      | 14                      |                         |
|                          |                                                                                                                                                   |                                                               | Qhe Annual energy<br>consumption (GCV)       | Gj                      | 16                      |                         |
|                          |                                                                                                                                                   | B-conditie<br>(2°C DB/1°C NB)                                 | Cdh (reductie van verwarming)                |                         | 1,0                     |                         |
|                          |                                                                                                                                                   |                                                               | COPd                                         |                         | 2,62                    |                         |
|                          |                                                                                                                                                   |                                                               | Pdh                                          | kW                      | 11,4                    |                         |
|                          |                                                                                                                                                   |                                                               | PERd                                         | %                       | 104,8                   |                         |
|                          |                                                                                                                                                   | C-conditie<br>(7°C DB/6°C NB)                                 | Cdh (reductie van verwarming)                |                         | 1,0                     |                         |
|                          |                                                                                                                                                   |                                                               | COPd                                         |                         | 3,78                    |                         |
|                          |                                                                                                                                                   |                                                               | Pdh                                          | kW                      | 9,0                     |                         |
|                          |                                                                                                                                                   |                                                               | PERd                                         | %                       | 151,2                   |                         |
|                          |                                                                                                                                                   | D-conditie<br>(12°C DB/11°C NB)                               | Cdh (reductie van verwarming)                |                         | 1,0                     |                         |
|                          |                                                                                                                                                   |                                                               | COPd                                         |                         | 5,63                    |                         |
|                          |                                                                                                                                                   | Pdh                                                           | kW                                           |                         | 5,9                     |                         |

## 2 Specificaties

### 2 - 1 Specificaties

| Technische specificaties                      |                                |                                           |                               |       | ETBX16E6V7 + EPRA14DW17 | ETBX16E6V7 + EPRA16DW17 | ETBX16E6V7 + EPRA18DW17 |
|-----------------------------------------------|--------------------------------|-------------------------------------------|-------------------------------|-------|-------------------------|-------------------------|-------------------------|
| Verwarming                                    | Wateruitlaat warm klimaat 55°C | D-conditie (12°C DB/11°C NB)              | PERd                          | %     | 225,2                   |                         |                         |
|                                               |                                | Tbiv (bivalente temperatuur)              | COPd                          |       | 3,43                    |                         |                         |
|                                               |                                |                                           | Pdh                           | kW    | 11,1                    |                         |                         |
|                                               |                                |                                           | PERd                          | %     | 137,2                   |                         |                         |
|                                               |                                |                                           | Tbiv                          | °C    | 5                       |                         |                         |
|                                               | Wateruitlaat 45°C              | H-voorwaarde (-2°C)                       | Max.                          | kW    | 11,1                    | 11,8                    |                         |
| Wateruitlaat gematigd klimaat 35°C            | Algemeen                       | Annual energy consumption                 |                               | kWh   | 5.366                   |                         |                         |
|                                               |                                | ηs (seizoensefficiëntie ruimteverwarming) | %                             |       | 190                     |                         |                         |
|                                               |                                | Pnominiaal -10°C                          |                               | kW    | 13                      |                         |                         |
|                                               |                                | Qhe Annual energy consumption (GCV)       |                               | Gj    | 19                      |                         |                         |
|                                               |                                | SCOP                                      |                               |       | 4,81                    |                         |                         |
|                                               |                                | Seizoensefficiëntieklasse verwarming      |                               |       | A+++                    |                         |                         |
|                                               |                                | A-conditie (-7°C DB/-8°C NB)              | COPd                          |       | 2,97                    |                         |                         |
|                                               |                                |                                           | Pdh                           | kW    | 10,7                    |                         |                         |
|                                               |                                |                                           | PERd                          | %     | 118,8                   |                         |                         |
|                                               |                                | B-conditie (2°C DB/1°C NB)                | Cdh (reductie van verwarming) |       | 1,0                     |                         |                         |
|                                               |                                |                                           | COPd                          |       | 4,94                    |                         |                         |
|                                               |                                |                                           | Pdh                           | kW    | 6,9                     |                         |                         |
|                                               |                                |                                           | PERd                          | %     | 197,6                   |                         |                         |
|                                               |                                | C-conditie (7°C DB/6°C NB)                | Cdh (reductie van verwarming) |       | 1,0                     |                         |                         |
|                                               |                                |                                           | COPd                          |       | 5,95                    |                         |                         |
|                                               | Pdh                            | kW                                        | 6,2                           |       |                         |                         |                         |
|                                               | PERd                           | %                                         | 238,0                         |       |                         |                         |                         |
| D-conditie (12°C DB/11°C NB)                  | Cdh (reductie van verwarming)  |                                           | 1,0                           |       |                         |                         |                         |
|                                               | COPd                           |                                           | 7,07                          |       |                         |                         |                         |
|                                               | Pdh                            | kW                                        | 5,6                           |       |                         |                         |                         |
|                                               | PERd                           | %                                         | 282,8                         |       |                         |                         |                         |
| TOL (bedrijfstemperatuur)                     | COPd                           |                                           | 2,88                          |       |                         |                         |                         |
|                                               |                                | Pdh                                       | kW                            | 12,1  |                         |                         |                         |
|                                               |                                | PERd                                      | %                             | 115,2 |                         |                         |                         |
|                                               |                                | TOL                                       | °C                            | -10   |                         |                         |                         |
|                                               | WTOL                           | °C                                        | 35                            |       |                         |                         |                         |
| Tbiv (bivalente temperatuur)                  | COPd                           |                                           | 2,97                          |       |                         |                         |                         |
|                                               |                                | Pdh                                       | kW                            | 10,7  |                         |                         |                         |
|                                               |                                | PERd                                      | %                             | 118,8 |                         |                         |                         |
|                                               |                                | Tbiv                                      | °C                            | -7    |                         |                         |                         |
| Extra capaciteit nominaal verwarmingsvermogen | Psup (bij Tontwerp -10°C)      |                                           | kW                            | 0,4   |                         |                         |                         |

## 2 Specificaties

### 2 - 1 Specificaties

2

| Technische specificaties |                                                                                                                          |          |                                                       | ETBX16E6V7 + EPRA14DW17       | ETBX16E6V7 + EPRA16DW17 | ETBX16E6V7 + EPRA18DW17 |
|--------------------------|--------------------------------------------------------------------------------------------------------------------------|----------|-------------------------------------------------------|-------------------------------|-------------------------|-------------------------|
| Verwarming               |  Wateruitlaat<br>koud klimaat<br>35°C   | Algemeen | Annual energy consumption                             | kWh                           | 7,377                   |                         |
|                          |                                                                                                                          |          | η <sub>s</sub> (seizoensefficiëntie ruimteverwarming) | %                             | 164                     |                         |
|                          |                                                                                                                          |          | Phominaal -22°C                                       | kW                            | 13                      |                         |
|                          |                                                                                                                          |          | Qhe jaarl. energieverbruik (GCV)                      | Gj                            | 27                      |                         |
|                          |                                                                                                                          |          | A Condition                                           | COPd                          | 3,50                    |                         |
|                          |                                                                                                                          |          | (-7°CDB)                                              | Pdh                           | 8,0                     |                         |
|                          |                                                                                                                          |          | B/-8°CWB)                                             | PERd                          | 140,0                   |                         |
|                          |                                                                                                                          |          | B Condition                                           | Cdh (reductie van verwarming) | 1,0                     |                         |
|                          |                                                                                                                          |          | (2°CDB)                                               | COPd                          | 5,07                    |                         |
|                          |                                                                                                                          |          | B/1°CWB)                                              | Pdh                           | 4,9                     |                         |
|                          |                                                                                                                          |          |                                                       | PERd                          | 202,8                   |                         |
|                          |                                                                                                                          |          | C-conditie                                            | Cdh (reductie van verwarming) | 1,0                     |                         |
|                          |                                                                                                                          |          | (7°C DB/6°C NB)                                       | COPd                          | 6,10                    |                         |
|                          |                                                                                                                          |          |                                                       | Pdh                           | 5,3                     |                         |
|                          |                                                                                                                          |          |                                                       | PERd                          | 244,0                   |                         |
|                          |                                                                                                                          |          | D-conditie                                            | Cdh (reductie van verwarming) | 1,0                     |                         |
|                          |                                                                                                                          |          | (12°C DB/11°C NB)                                     | COPd                          | 7,03                    |                         |
|                          |                                                                                                                          |          |                                                       | Pdh                           | 5,7                     |                         |
|                          |                                                                                                                          |          |                                                       | PERd                          | 281,2                   |                         |
|                          |                                                                                                                          |          | TOL (bedrijfstemperatuur)                             | COPd                          | 2,17                    |                         |
|                          |                                                                                                                          |          |                                                       | Pdh                           | 9,2                     |                         |
|                          |                                                                                                                          |          |                                                       | PERd                          | 86,8                    |                         |
|                          |                                                                                                                          |          |                                                       | TOL                           | -22                     |                         |
|                          |                                                                                                                          |          |                                                       | WTOL                          | 35                      |                         |
|                          |                                                                                                                          |          | G-conditie                                            | COPd                          | 2,62                    |                         |
|                          |                                                                                                                          |          | (-15°C DB/-)                                          | Pdh                           | 10,7                    |                         |
|                          |                                                                                                                          |          |                                                       | PERd                          | 104,8                   |                         |
|                          |                                                                                                                          |          | Tbiv (bivalente temperatuur)                          | COPd                          | 2,62                    |                         |
|                          |                                                                                                                          |          |                                                       | Pdh                           | 10,7                    |                         |
|                          |                                                                                                                          |          |                                                       | PERd                          | 104,8                   |                         |
|                          |                                                                                                                          |          |                                                       | Tbiv                          | -15                     |                         |
|                          |                                                                                                                          |          | Extra capaciteit nominaal verwarmingsvermogen         | Psup (bij Tontwerp -22°C)     | 3,3                     |                         |
| Verwarming               |  Wateruitlaat<br>warm klimaat<br>35°C | Algemeen | Annual energy consumption                             | kWh                           | 2,855                   |                         |
|                          |                                                                                                                          |          | η <sub>s</sub> (seizoensefficiëntie ruimteverwarming) | %                             | 231                     |                         |
|                          |                                                                                                                          |          | Phominaal 2°C                                         | kW                            | 13                      |                         |
|                          |                                                                                                                          |          | Qhe Annual energy consumption (GCV)                   | Gj                            | 10                      |                         |
|                          |                                                                                                                          |          | B-conditie                                            | Cdh (reductie van verwarming) | 1,0                     |                         |
|                          |                                                                                                                          |          | (2°C DB/1°C NB)                                       | COPd                          | 3,51                    |                         |
|                          |                                                                                                                          |          |                                                       | Pdh                           | 10,0                    |                         |
|                          |                                                                                                                          |          |                                                       | PERd                          | 140,4                   |                         |
|                          |                                                                                                                          |          | C-conditie                                            | Cdh (reductie van verwarming) | 1,0                     |                         |
|                          |                                                                                                                          |          | (7°C DB/6°C NB)                                       | COPd                          | 5,67                    |                         |
|                          |                                                                                                                          |          |                                                       | Pdh                           | 8,3                     |                         |
|                          |                                                                                                                          |          |                                                       | PERd                          | 226,8                   |                         |
|                          |                                                                                                                          |          | Tbiv (bivalente temperatuur)                          | COPd                          | 4,96                    |                         |
|                          |                                                                                                                          |          |                                                       | Pdh                           | 9,8                     |                         |
|                          |                                                                                                                          |          |                                                       | PERd                          | 198,4                   |                         |
|                          |                                                                                                                          |          |                                                       | Tbiv                          | 5                       |                         |
|                          |                                                                                                                          |          | D-conditie                                            | Cdh (reductie van verwarming) | 1,0                     |                         |
|                          |                                                                                                                          |          | (12°C DB/11°C NB)                                     | COPd                          | 7,04                    |                         |
|                          |                                                                                                                          |          |                                                       | Pdh                           | 5,7                     |                         |
|                          |                                                                                                                          |          |                                                       | PERd                          | 281,6                   |                         |

(1) Capaciteit overeenkomstig norm EN14511 en geldig voor een verwarmd waterbereik met dT = 3~8°C at Ta 7°C |

(2) Voorwaarde: Ta DB/NB 7°C/6°C - LWC 35°C (DT = 5°C) |

(3) Koelen: EW 23°C; LW 18°C; omgevingsomstandigheden: 35°CDB |

(4) Koelen: EW 12,8°C; LW 7,8°C; omgevingsomstandigheden: 35°CDB |

(5) Het opgenomen vermogen is het totaal van binnen- en buitenunits, met inbegrip van de circulatiepomp; overeenkomstig EN14511 |

(6) DB/WB 7°C/6°C - LWC 35°C (dT=5°C) met pomp aan volledig toerental |

Getest bij Ta DB/NB 7°C/6°C. Conform EN 16147.

## 2 Specificaties

### 2 - 1 Specificaties

2

| Technische specificaties   |                                                                                     |                                    |                             | ETBX16E9W7 + EPRA14DW17                                                                    | ETBX16E9W7 + EPRA16DW17 | ETBX16E9W7 + EPRA18DW17 |
|----------------------------|-------------------------------------------------------------------------------------|------------------------------------|-----------------------------|--------------------------------------------------------------------------------------------|-------------------------|-------------------------|
| Verwarmingscapaciteit      | Min.                                                                                |                                    | kW                          | 3,70 (1)                                                                                   | 3,96 (1)                | 4,40 (1)                |
|                            | Nom.                                                                                |                                    | kW                          | 5,90 (2)                                                                                   | 9,00 (2)                |                         |
|                            | Max.                                                                                |                                    | kW                          | 9,75 (1)                                                                                   | 10,44 (1)               | 11,60 (1)               |
| Koelvermogen               | Nom.                                                                                |                                    | kW                          | 10,6 (3) / 6,90 (4)                                                                        | 11,5 (3) / 7,88 (4)     | 12,5 (3) / 8,86 (4)     |
| Opgenomen vermogen         | Verwarmen                                                                           | Min.                               | kW                          | 0,84 (5)                                                                                   | 0,90 (5)                | 1,00 (5)                |
|                            |                                                                                     | Nom.                               | kW                          | 1,23 (2)                                                                                   | 1,80 (2)                |                         |
|                            |                                                                                     | Max.                               | kW                          | 2,17 (5)                                                                                   | 2,32 (5)                | 2,58 (5)                |
|                            | Koelen                                                                              | Nom.                               | kW                          | 2,55 (3) / 2,56 (4)                                                                        | 2,80 (3) / 2,93 (4)     | 3,05 (3) / 3,31 (4)     |
|                            |                                                                                     |                                    |                             | 4,79 (2)                                                                                   | 5,00 (2)                |                         |
| COP                        |                                                                                     |                                    |                             | 4,13 (3) / 2,70 (4)                                                                        | 4,11 (3) / 2,69 (4)     | 4,09 (3) / 2,68 (4)     |
| EER                        |                                                                                     |                                    |                             |                                                                                            |                         |                         |
| Pomp                       | Type                                                                                |                                    |                             | Grundfos UPMXL GEO 25-125 130 PWM                                                          |                         |                         |
|                            | Nominale externe statische druk unit                                                | Verwarmen                          | kPa                         | 111,2 (6)                                                                                  | 97,4 (6)                |                         |
|                            |                                                                                     |                                    |                             |                                                                                            |                         |                         |
| Warmtewisselaar waterzijde | Waterhoeveelheid                                                                    | Verwarmen                          | Nom. l/min                  | 16,3 (2)                                                                                   | 25,8 (2)                |                         |
| General                    | Gegevens van leverancier/fabrikant                                                  | Naam en adres                      |                             | Daikin Europe N.V. - Zandvoordestraat 300, 8400 Oostende, Belgium                          |                         |                         |
|                            |                                                                                     | Naam van handelsmerk               |                             | Daikin Europe N.V.                                                                         |                         |                         |
|                            | Product description                                                                 | Lucht/water-warmtepomp             |                             | Ja                                                                                         |                         |                         |
|                            |                                                                                     | Glycol/water-warmtepomp            |                             | Nee                                                                                        |                         |                         |
|                            |                                                                                     | Verwarming combinatie warmtepomp   |                             | Ja                                                                                         |                         |                         |
|                            |                                                                                     | Lagetemperatuurswarmtepomp         |                             | Nee                                                                                        |                         |                         |
|                            |                                                                                     | Ingebouwde hulpverwarming          |                             | Ja                                                                                         |                         |                         |
|                            |                                                                                     | Water/water-warmtepomp             |                             | Nee                                                                                        |                         |                         |
|                            | LW(A) geluidsvermogensniveau (volgens EN14825)                                      | Binnen                             | dB(A)                       | 44,0                                                                                       |                         |                         |
|                            | LW(A) Sound power level (according to EN14825)                                      | Outdoor                            | dB(A)                       | 54,0                                                                                       |                         |                         |
|                            | Ecodesign geluidsconditie en energielabel                                           |                                    |                             | Geluidsvermogen in verwarmingsmodus, gemeten volgens EN12102 onder voorwaarden van EN14825 |                         |                         |
|                            | Algemene verwarming                                                                 | Andere                             | Capacity control            | Inverter                                                                                   |                         |                         |
|                            |                                                                                     |                                    | Pck (carterverwarming aan)  | 0,000                                                                                      |                         |                         |
|                            |                                                                                     |                                    | Poff (uitgeschakelde stand) | 0,031                                                                                      |                         |                         |
|                            |                                                                                     |                                    | Psb (in stand-by)           | 0,042                                                                                      |                         |                         |
|                            |                                                                                     |                                    | Pto (thermostaat uit)       | 0,033                                                                                      |                         |                         |
|                            |                                                                                     | Ingebouwde hulpverwarming          | Psup                        | 9,0                                                                                        |                         |                         |
|                            |                                                                                     |                                    | Type stroomvoorziening      | Elektrisch                                                                                 |                         |                         |
|                            |                                                                                     |                                    |                             |                                                                                            |                         |                         |
| Verwarming                 |  | Wateruitlaat gematigd klimaat 55°C | Algemeen                    | Annual energy consumption                                                                  | 7,122                   |                         |
|                            |                                                                                     |                                    |                             | ηs (seizoensefficiëntie ruimteverwarming)                                                  | 142                     |                         |
|                            |                                                                                     |                                    |                             | Pnominiaal -10°C                                                                           | 13                      |                         |
|                            |                                                                                     |                                    |                             | Qhe Annual energy consumption (GCV)                                                        | 26                      |                         |
|                            |                                                                                     |                                    |                             | SCOP                                                                                       | 3,63                    |                         |



## 2 Specificaties

### 2 - 1 Specificaties

| Technische specificaties                                                                                           |                                             |                                                          |                                                                  | ETBX16E9W7 + EPRA14DW17 | ETBX16E9W7 + EPRA16DW17                     | ETBX16E9W7 + EPRA18DW17 |       |  |
|--------------------------------------------------------------------------------------------------------------------|---------------------------------------------|----------------------------------------------------------|------------------------------------------------------------------|-------------------------|---------------------------------------------|-------------------------|-------|--|
| <div>Verwarming</div> <div></div> | Wateruitlaat<br>gematigd<br>klimaat<br>55°C | Algemeen                                                 | Seizoensefficiëntieklasse<br>verwarming                          |                         | A++                                         |                         |       |  |
|                                                                                                                    |                                             |                                                          | A-conditie<br>(-7°C DB/-<br>8°C NB)                              |                         | Cd <sub>h</sub> (reductie van verwarming)   |                         | 1,0   |  |
|                                                                                                                    |                                             |                                                          |                                                                  |                         | COP <sub>d</sub>                            |                         | 2,43  |  |
|                                                                                                                    |                                             |                                                          |                                                                  |                         | Pd <sub>h</sub> kW                          |                         | 11,1  |  |
|                                                                                                                    |                                             |                                                          |                                                                  |                         | PER <sub>d</sub> %                          |                         | 97,2  |  |
|                                                                                                                    |                                             |                                                          | B-conditie<br>(2°C DB/1°C<br>NB)                                 |                         | Cd <sub>h</sub> (reductie van verwarming)   |                         | 1,0   |  |
|                                                                                                                    |                                             |                                                          |                                                                  |                         | COP <sub>d</sub>                            |                         | 3,52  |  |
|                                                                                                                    |                                             |                                                          |                                                                  |                         | Pd <sub>h</sub> kW                          |                         | 6,7   |  |
|                                                                                                                    |                                             |                                                          |                                                                  |                         | PER <sub>d</sub> %                          |                         | 140,8 |  |
|                                                                                                                    |                                             |                                                          | C-conditie<br>(7°C DB/6°C<br>NB)                                 |                         | Cd <sub>h</sub> (reductie van verwarming)   |                         | 1,0   |  |
|                                                                                                                    |                                             |                                                          |                                                                  |                         | COP <sub>d</sub>                            |                         | 4,54  |  |
|                                                                                                                    |                                             |                                                          |                                                                  |                         | Pd <sub>h</sub> kW                          |                         | 6,5   |  |
|                                                                                                                    |                                             |                                                          |                                                                  |                         | PER <sub>d</sub> %                          |                         | 181,6 |  |
|                                                                                                                    |                                             |                                                          | D-conditie<br>(12°C DB/11°C<br>NB)                               |                         | Cd <sub>h</sub> (reductie van verwarming)   |                         | 1,0   |  |
|                                                                                                                    |                                             |                                                          |                                                                  |                         | COP <sub>d</sub>                            |                         | 5,97  |  |
|                                                                                                                    |                                             |                                                          |                                                                  |                         | Pd <sub>h</sub> kW                          |                         | 5,2   |  |
|                                                                                                                    |                                             |                                                          |                                                                  |                         | PER <sub>d</sub> %                          |                         | 238,8 |  |
|                                                                                                                    |                                             |                                                          | TOL (bedrijf-<br>stempera-<br>tuur)                              |                         | COP <sub>d</sub>                            |                         | 2,12  |  |
|                                                                                                                    |                                             |                                                          |                                                                  |                         | Pd <sub>h</sub> kW                          |                         | 12,5  |  |
|                                                                                                                    |                                             |                                                          |                                                                  |                         | PER <sub>d</sub> %                          |                         | 84,8  |  |
|                                                                                                                    |                                             |                                                          |                                                                  |                         | TOL °C                                      |                         | -10   |  |
|                                                                                                                    |                                             |                                                          |                                                                  |                         | WTOL °C                                     |                         | 55    |  |
|                                                                                                                    |                                             |                                                          | Extra<br>capaciteit<br>nominaal<br>verwar-<br>mingsver-<br>mogen |                         | P <sub>sup</sub> (bij Tontwerp<br>-10°C) kW |                         | 0,0   |  |
|                                                                                                                    |                                             |                                                          |                                                                  |                         |                                             |                         |       |  |
|                                                                                                                    |                                             |                                                          |                                                                  |                         | COP <sub>d</sub>                            |                         | 2,12  |  |
|                                                                                                                    |                                             |                                                          |                                                                  |                         | Pd <sub>h</sub> kW                          |                         | 12,5  |  |
|                                                                                                                    |                                             |                                                          |                                                                  |                         | PER <sub>d</sub> %                          |                         | 84,8  |  |
|                                                                                                                    |                                             | Tbiv °C                                                  |                                                                  | -10                     |                                             |                         |       |  |
| Wateruitlaat<br>koud klimaat<br>55°C                                                                               | Algemeen                                    | Annual energy<br>consumption                             | kWh                                                              | 9.589                   |                                             |                         |       |  |
|                                                                                                                    |                                             | η <sub>s</sub> (seizoensefficiëntie<br>ruimteverwarming) | %                                                                | 126                     |                                             |                         |       |  |
|                                                                                                                    |                                             | P <sub>nominaal</sub> -22°C                              | kW                                                               | 13                      |                                             |                         |       |  |
|                                                                                                                    |                                             | Q <sub>he</sub> Annual energy<br>consumption (GCV)       | Gj                                                               | 35                      |                                             |                         |       |  |
|                                                                                                                    |                                             | A-conditie<br>(-7°C DB/-<br>8°C NB)                      | Cd <sub>h</sub> (reductie van verwarming)                        |                         | 1,0                                         |                         |       |  |
|                                                                                                                    |                                             |                                                          | COP <sub>d</sub>                                                 |                         | 2,74                                        |                         |       |  |
|                                                                                                                    |                                             |                                                          | Pd <sub>h</sub> kW                                               |                         | 7,5                                         |                         |       |  |
|                                                                                                                    |                                             |                                                          | PER <sub>d</sub> %                                               |                         | 109,6                                       |                         |       |  |
|                                                                                                                    |                                             | B-conditie (2°C<br>DB/1°C NB)                            | Cd <sub>h</sub> (reductie van verwarming)                        |                         | 1,0                                         |                         |       |  |
|                                                                                                                    |                                             |                                                          | COP <sub>d</sub>                                                 |                         | 3,67                                        |                         |       |  |

## 2 Specificaties

### 2 - 1 Specificaties

| Technische specificaties                |                                      |                                                                  |                               | ETBX16E9W7 + EPRA14DW17 | ETBX16E9W7 + EPRA16DW17 | ETBX16E9W7 + EPRA18DW17 |
|-----------------------------------------|--------------------------------------|------------------------------------------------------------------|-------------------------------|-------------------------|-------------------------|-------------------------|
| Verwarming                              | Wateruitlaat<br>koud klimaat<br>55°C | B-conditie<br>(2°C DB/1°C<br>NB)                                 | Pdh                           | kW                      | 5,8                     |                         |
|                                         |                                      |                                                                  | PERd                          | %                       | 146,8                   |                         |
|                                         |                                      | C-conditie<br>(7°C DB/6°C<br>NB)                                 | Cdh (reductie van verwarming) |                         | 1,0                     |                         |
|                                         |                                      |                                                                  | COPd                          |                         | 4,69                    |                         |
|                                         |                                      |                                                                  | Pdh                           | kW                      | 5,6                     |                         |
|                                         |                                      |                                                                  | PERd                          | %                       | 187,6                   |                         |
|                                         |                                      | D-conditie<br>(12°C DB/11°C<br>NB)                               | COPd                          |                         | 6,12                    |                         |
|                                         |                                      |                                                                  | Pdh                           | kW                      | 6,2                     |                         |
|                                         |                                      |                                                                  | PERd                          | %                       | 244,8                   |                         |
|                                         |                                      | TOL (bedrijf-<br>tempera-<br>tuur)                               | COPd                          |                         | 1,65                    |                         |
|                                         |                                      |                                                                  | Pdh                           | kW                      | 10,6                    |                         |
|                                         |                                      |                                                                  | PERd                          | %                       | 66,0                    |                         |
|                                         |                                      |                                                                  | TOL                           | °C                      | -22                     |                         |
|                                         |                                      |                                                                  | WTOL                          | °C                      | 55                      |                         |
|                                         |                                      | G-conditie<br>(-15°C DB/-)                                       | COPd                          |                         | 2,17                    |                         |
|                                         |                                      |                                                                  | Pdh                           | kW                      | 10,3                    |                         |
|                                         |                                      |                                                                  | PERd                          | %                       | 86,8                    |                         |
|                                         |                                      | Tbiv<br>(bivalente<br>tempera-<br>tuur)                          | COPd                          |                         | 1,90                    |                         |
|                                         |                                      |                                                                  | Pdh                           | kW                      | 11,0                    |                         |
|                                         |                                      |                                                                  | PERd                          | %                       | 76,0                    |                         |
|                                         |                                      |                                                                  | Tbiv                          | °C                      | -18                     |                         |
|                                         |                                      | Extra<br>capaciteit<br>nominaal<br>verwar-<br>mingsver-<br>mogen | Psup (bij Tontwerp<br>-22°C)  | kW                      | 1,9                     |                         |
| Wateruitlaat<br>warm<br>klimaat<br>55°C | Algemeen                             | Annual energy<br>consumption                                     |                               | kWh                     | 4.316                   |                         |
|                                         |                                      | ηs (seizoensefficiëntie<br>ruimteverwarming)                     |                               | %                       | 172                     |                         |
|                                         |                                      | Pnominaal 2°C                                                    |                               | kW                      | 14                      |                         |
|                                         |                                      | Qhe Annual energy<br>consumption (GCV)                           |                               | Gj                      | 16                      |                         |
|                                         | B-conditie<br>(2°C DB/1°C<br>NB)     | Cdh (reductie van verwarming)                                    |                               |                         | 1,0                     |                         |
|                                         |                                      |                                                                  | COPd                          |                         | 2,62                    |                         |
|                                         |                                      |                                                                  | Pdh                           | kW                      | 11,4                    |                         |
|                                         |                                      |                                                                  | PERd                          | %                       | 104,8                   |                         |
|                                         | C-conditie<br>(7°C DB/6°C<br>NB)     | Cdh (reductie van verwarming)                                    |                               |                         | 1,0                     |                         |
|                                         |                                      |                                                                  | COPd                          |                         | 3,78                    |                         |
|                                         |                                      |                                                                  | Pdh                           | kW                      | 9,0                     |                         |
|                                         |                                      |                                                                  | PERd                          | %                       | 151,2                   |                         |
|                                         | D-conditie<br>(12°C DB/11°C<br>NB)   | Cdh (reductie van verwarming)                                    |                               |                         | 1,0                     |                         |
|                                         |                                      |                                                                  | COPd                          |                         | 5,63                    |                         |
|                                         |                                      |                                                                  | Pdh                           | kW                      | 5,9                     |                         |

## 2 Specificaties

### 2 - 1 Specificaties

| Technische specificaties           |                                                                                   |                                               |                                           |                               | ETBX16E9W7 + EPRA14DW17 | ETBX16E9W7 + EPRA16DW17 | ETBX16E9W7 + EPRA18DW17 |
|------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------|-------------------------------------------|-------------------------------|-------------------------|-------------------------|-------------------------|
| Verwarming                         |  | Wateruitlaat warm klimaat 55°C                | D-conditie (12°C DB/11°C NB)              | PERd %                        | 225,2                   |                         |                         |
|                                    |                                                                                   |                                               | Tbiv (bivalente temperatuur)              | COPd kW                       | 3,43                    |                         |                         |
|                                    |                                                                                   |                                               |                                           |                               |                         | 11,1                    |                         |
|                                    |                                                                                   |                                               |                                           |                               | 137,2                   |                         |                         |
|                                    |                                                                                   |                                               |                                           |                               | 5                       |                         |                         |
|                                    |                                                                                   | Wateruitlaat 45°C                             | H-voorwaarde (-2°C)                       | Max. kW                       | 11,1                    | 11,8                    |                         |
| Wateruitlaat gematigd klimaat 35°C |                                                                                   | Algemeen                                      | Annual energy consumption                 | kWh                           | 5.366                   |                         |                         |
|                                    |                                                                                   |                                               | ηs (seizoensefficiëntie ruimteverwarming) | %                             | 190                     |                         |                         |
|                                    |                                                                                   |                                               | Pnominiaal -10°C                          | kW                            | 13                      |                         |                         |
|                                    |                                                                                   |                                               | Qhe Annual energy consumption (GCV)       | Gj                            | 19                      |                         |                         |
|                                    |                                                                                   |                                               | SCOP                                      | 4,81                          |                         |                         |                         |
|                                    |                                                                                   |                                               | Seizoensefficiëntieklasse verwarming      | A+++                          |                         |                         |                         |
|                                    |                                                                                   |                                               | A-conditie (-7°C DB/-8°C NB)              | COPd                          | 2,97                    |                         |                         |
|                                    |                                                                                   |                                               | Pdh kW                                    | 10,7                          |                         |                         |                         |
|                                    |                                                                                   |                                               | PERd %                                    | 118,8                         |                         |                         |                         |
|                                    |                                                                                   | B-conditie (2°C DB/1°C NB)                    | Cdh (reductie van verwarming)             | 1,0                           |                         |                         |                         |
|                                    |                                                                                   |                                               | COPd                                      | 4,94                          |                         |                         |                         |
|                                    |                                                                                   |                                               | Pdh kW                                    | 6,9                           |                         |                         |                         |
|                                    |                                                                                   |                                               | PERd %                                    | 197,6                         |                         |                         |                         |
|                                    |                                                                                   |                                               | C-conditie (7°C DB/6°C NB)                | Cdh (reductie van verwarming) | 1,0                     |                         |                         |
|                                    |                                                                                   |                                               |                                           | COPd                          | 5,95                    |                         |                         |
|                                    |                                                                                   | Pdh kW                                        | 6,2                                       |                               |                         |                         |                         |
|                                    |                                                                                   | PERd %                                        | 238,0                                     |                               |                         |                         |                         |
|                                    |                                                                                   | D-conditie (12°C DB/11°C NB)                  | Cdh (reductie van verwarming)             | 1,0                           |                         |                         |                         |
|                                    |                                                                                   |                                               | COPd                                      | 7,07                          |                         |                         |                         |
|                                    |                                                                                   |                                               | Pdh kW                                    | 5,6                           |                         |                         |                         |
|                                    |                                                                                   |                                               | PERd %                                    | 282,8                         |                         |                         |                         |
|                                    |                                                                                   | TOL (bedrijfstemperatuur)                     | COPd                                      | 2,88                          |                         |                         |                         |
|                                    |                                                                                   |                                               | Pdh kW                                    | 12,1                          |                         |                         |                         |
|                                    |                                                                                   |                                               | PERd %                                    | 115,2                         |                         |                         |                         |
|                                    |                                                                                   |                                               | TOL °C                                    | -10                           |                         |                         |                         |
|                                    |                                                                                   |                                               | WTOL °C                                   | 35                            |                         |                         |                         |
|                                    |                                                                                   | Tbiv (bivalente temperatuur)                  | COPd                                      | 2,97                          |                         |                         |                         |
|                                    |                                                                                   |                                               | Pdh kW                                    | 10,7                          |                         |                         |                         |
|                                    |                                                                                   |                                               | PERd %                                    | 118,8                         |                         |                         |                         |
|                                    |                                                                                   |                                               | Tbiv °C                                   | -7                            |                         |                         |                         |
|                                    |                                                                                   | Extra capaciteit nominaal verwarmingsvermogen | Psup (bij Tontwerp -10°C)                 | kW                            | 0,4                     |                         |                         |

## 2 Specificaties

### 2 - 1 Specificaties

| Technische specificaties |                                                                                                                          |          |                                                       | ETBX16E9W7 + EPRA14DW7        | ETBX16E9W7 + EPRA16DW7 | ETBX16E9W7 + EPRA18DW7 |
|--------------------------|--------------------------------------------------------------------------------------------------------------------------|----------|-------------------------------------------------------|-------------------------------|------------------------|------------------------|
| Verwarming               |  Wateruitlaat<br>koud klimaat<br>35°C   | Algemeen | Annual energy consumption                             | kWh                           | 7,377                  |                        |
|                          |                                                                                                                          |          | η <sub>s</sub> (seizoensefficiëntie ruimteverwarming) | %                             | 164                    |                        |
|                          |                                                                                                                          |          | Phominaal -22°C                                       | kW                            | 13                     |                        |
|                          |                                                                                                                          |          | Qhe jaarl. energieverbruik (GCV)                      | Gj                            | 27                     |                        |
|                          |                                                                                                                          |          | A Condition                                           | COPd                          | 3,50                   |                        |
|                          |                                                                                                                          |          | (-7°CDB)                                              | Pdh                           | 8,0                    |                        |
|                          |                                                                                                                          |          | B/-8°CWB)                                             | PERd                          | 140,0                  |                        |
|                          |                                                                                                                          |          | B Condition                                           | Cdh (reductie van verwarming) | 1,0                    |                        |
|                          |                                                                                                                          |          | (2°CDB)                                               | COPd                          | 5,07                   |                        |
|                          |                                                                                                                          |          | B/1°CWB)                                              | Pdh                           | 4,9                    |                        |
|                          |                                                                                                                          |          |                                                       | PERd                          | 202,8                  |                        |
|                          |                                                                                                                          |          | C-conditie                                            | Cdh (reductie van verwarming) | 1,0                    |                        |
|                          |                                                                                                                          |          | (7°C DB/6°C NB)                                       | COPd                          | 6,10                   |                        |
|                          |                                                                                                                          |          |                                                       | Pdh                           | 5,3                    |                        |
|                          |                                                                                                                          |          |                                                       | PERd                          | 244,0                  |                        |
|                          |                                                                                                                          |          | D-conditie                                            | Cdh (reductie van verwarming) | 1,0                    |                        |
|                          |                                                                                                                          |          | (12°C DB/11°C NB)                                     | COPd                          | 7,03                   |                        |
|                          |                                                                                                                          |          |                                                       | Pdh                           | 5,7                    |                        |
|                          |                                                                                                                          |          |                                                       | PERd                          | 281,2                  |                        |
|                          |                                                                                                                          |          | TOL (bedrijfstemperatuur)                             | COPd                          | 2,17                   |                        |
|                          |                                                                                                                          |          |                                                       | Pdh                           | 9,2                    |                        |
|                          |                                                                                                                          |          |                                                       | PERd                          | 86,8                   |                        |
|                          |                                                                                                                          |          |                                                       | TOL                           | -22                    |                        |
|                          |                                                                                                                          |          |                                                       | WTOL                          | 35                     |                        |
|                          |                                                                                                                          |          | G-conditie                                            | COPd                          | 2,62                   |                        |
|                          |                                                                                                                          |          | (-15°C DB/-)                                          | Pdh                           | 10,7                   |                        |
|                          |                                                                                                                          |          |                                                       | PERd                          | 104,8                  |                        |
|                          |                                                                                                                          |          | Tbiv (bivalente temperatuur)                          | COPd                          | 2,62                   |                        |
|                          |                                                                                                                          |          |                                                       | Pdh                           | 10,7                   |                        |
|                          |                                                                                                                          |          |                                                       | PERd                          | 104,8                  |                        |
|                          |                                                                                                                          |          |                                                       | Tbiv                          | -15                    |                        |
|                          |                                                                                                                          |          | Extra capaciteit nominaal verwarmingsvermogen         | Psup (bij Tontwerp -22°C)     | 3,3                    |                        |
| Verwarming               |  Wateruitlaat<br>warm klimaat<br>35°C | Algemeen | Annual energy consumption                             | kWh                           | 2,855                  |                        |
|                          |                                                                                                                          |          | η <sub>s</sub> (seizoensefficiëntie ruimteverwarming) | %                             | 231                    |                        |
|                          |                                                                                                                          |          | Phominaal 2°C                                         | kW                            | 13                     |                        |
|                          |                                                                                                                          |          | Qhe Annual energy consumption (GCV)                   | Gj                            | 10                     |                        |
|                          |                                                                                                                          |          | B-conditie                                            | Cdh (reductie van verwarming) | 1,0                    |                        |
|                          |                                                                                                                          |          | (2°C DB/1°C NB)                                       | COPd                          | 3,51                   |                        |
|                          |                                                                                                                          |          |                                                       | Pdh                           | 10,0                   |                        |
|                          |                                                                                                                          |          |                                                       | PERd                          | 140,4                  |                        |
|                          |                                                                                                                          |          | C-conditie                                            | Cdh (reductie van verwarming) | 1,0                    |                        |
|                          |                                                                                                                          |          | (7°C DB/6°C NB)                                       | COPd                          | 5,67                   |                        |
|                          |                                                                                                                          |          |                                                       | Pdh                           | 8,3                    |                        |
|                          |                                                                                                                          |          |                                                       | PERd                          | 226,8                  |                        |
|                          |                                                                                                                          |          | Tbiv (bivalente temperatuur)                          | COPd                          | 4,96                   |                        |
|                          |                                                                                                                          |          |                                                       | Pdh                           | 9,8                    |                        |
|                          |                                                                                                                          |          |                                                       | PERd                          | 198,4                  |                        |
|                          |                                                                                                                          |          |                                                       | Tbiv                          | 5                      |                        |
|                          |                                                                                                                          |          | D-conditie                                            | Cdh (reductie van verwarming) | 1,0                    |                        |
|                          |                                                                                                                          |          | (12°C DB/11°C NB)                                     | COPd                          | 7,04                   |                        |
|                          |                                                                                                                          |          |                                                       | Pdh                           | 5,7                    |                        |
|                          |                                                                                                                          |          |                                                       | PERd                          | 281,6                  |                        |

(1) Capaciteit overeenkomstig norm EN14511 en geldig voor een verwarmd waterbereik met dT = 3~8°C at Ta 7°C |

(2) Voorwaarde: Ta DB/NB 7°C/6°C - LWC 35°C (DT = 5°C) |

(3) Koelen: EW 23°C; LW 18°C; omgevingsomstandigheden: 35°CDB |

(4) Koelen: EW 12,8°C; LW 7,8°C; omgevingsomstandigheden: 35°CDB |

(5) Het opgenomen vermogen is het totaal van binnen- en buitenunits, met inbegrip van de circulatiepomp; overeenkomstig EN14511 |

(6) DB/WB 7°C/6°C - LWC 35°C (dT=5°C) met pomp aan volledig toerental |

Getest bij Ta DB/NB 7°C/6°C. Conform EN 16147.

## 2 Specificaties

### 2 - 1 Specificaties

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| Technische specificaties                  |                                                             |                                                  |                                  |                  | ETSH16P30E7 +<br>EPRA14DW17                                                                |          | ETSH16P50E7 +<br>EPRA14DW17 |          | ETSH16P30E7 +<br>EPRA16DW17 |          | ETSH16P50E7 +<br>EPRA16DW17 |          | ETSH16P30E7 +<br>EPRA18DW17 |          | ETSH16P50E7 +<br>EPRA18DW17 |          |  |
|-------------------------------------------|-------------------------------------------------------------|--------------------------------------------------|----------------------------------|------------------|--------------------------------------------------------------------------------------------|----------|-----------------------------|----------|-----------------------------|----------|-----------------------------|----------|-----------------------------|----------|-----------------------------|----------|--|
| Verwarmingscapaciteit                     | Min.                                                        |                                                  | kW                               |                  | 3,70 (1)                                                                                   |          |                             |          | 3,96 (1)                    |          |                             |          | 4,40 (1)                    |          |                             |          |  |
|                                           | Nom.                                                        |                                                  | kW                               |                  | 5,90 (2)                                                                                   |          |                             |          |                             |          | 9,00 (2)                    |          |                             |          |                             |          |  |
|                                           | Max.                                                        |                                                  | kW                               |                  | 9,75 (1)                                                                                   |          |                             |          | 10,44 (1)                   |          |                             |          | 11,60 (1)                   |          |                             |          |  |
| Opgenomen vermogen                        | Verwarmen                                                   | Min.                                             |                                  | kW               |                                                                                            | 0,84 (3) |                             |          |                             | 0,90 (3) |                             |          |                             | 1,00 (3) |                             |          |  |
|                                           |                                                             | Nom.                                             |                                  | kW               |                                                                                            | 1,23 (2) |                             |          |                             |          |                             | 1,80 (2) |                             |          |                             |          |  |
|                                           |                                                             | Max.                                             |                                  | kW               |                                                                                            | 2,17 (3) |                             |          |                             | 2,32 (3) |                             |          |                             | 2,58 (3) |                             |          |  |
| COP                                       |                                                             |                                                  |                                  |                  | 4,79 (2)                                                                                   |          |                             |          |                             |          | 5,00 (2)                    |          |                             |          |                             |          |  |
| Pomp                                      | Type                                                        |                                                  |                                  |                  | Grundfos UPMXL 20-125 CHBL RT                                                              |          |                             |          |                             |          |                             |          |                             |          |                             |          |  |
| Warmtewisselaar waterzijde                | Waterhoe-<br>veelheid                                       | Verwarmen                                        | Nom.                             | l/min            | 16,9 (2)                                                                                   |          |                             |          |                             |          | 25,8 (2)                    |          |                             |          |                             |          |  |
| General                                   | Gegevens van leverancier/<br>fabrikant                      | Naam en adres<br>Naam van handelsmerk            |                                  |                  | Daikin Europe N.V. - Zandvoordestraat 300, 8400 Oostende, Belgium<br>Daikin Europe N.V.    |          |                             |          |                             |          |                             |          |                             |          |                             |          |  |
|                                           | Product description                                         | Lucht/water-warmtepomp                           |                                  |                  | Ja                                                                                         |          |                             |          |                             |          |                             |          |                             |          |                             |          |  |
|                                           |                                                             | Glycol/water-warmtepomp                          |                                  |                  | Nee                                                                                        |          |                             |          |                             |          |                             |          |                             |          |                             |          |  |
|                                           |                                                             | Verwarming combinatie warmtepomp                 |                                  |                  | Ja                                                                                         |          |                             |          |                             |          |                             |          |                             |          |                             |          |  |
|                                           |                                                             | Lagetemperatuurswarmtepomp                       |                                  |                  | Nee                                                                                        |          |                             |          |                             |          |                             |          |                             |          |                             |          |  |
|                                           |                                                             | Ingebouwde hulpverwarming                        |                                  |                  | Nee                                                                                        |          |                             |          |                             |          |                             |          |                             |          |                             |          |  |
|                                           |                                                             | Water/water-warmtepomp                           |                                  |                  | Nee                                                                                        |          |                             |          |                             |          |                             |          |                             |          |                             |          |  |
|                                           | LW(A) ge-<br>luidsvermo-<br>gensniveau<br>(volgens EN14825) | Binnen                                           |                                  | dB(A)            | 45,6                                                                                       |          |                             |          |                             |          |                             |          |                             |          |                             |          |  |
|                                           | LW(A) Sound power level (according to EN14825)              |                                                  |                                  |                  |                                                                                            |          |                             |          | 54,0                        |          |                             |          |                             |          |                             |          |  |
| Ecodesign geluidsconditie en energielabel |                                                             |                                                  |                                  |                  | Geluidsvermogen in verwarmingsmodus, gemeten volgens EN12102 onder voorwaarden van EN14825 |          |                             |          |                             |          |                             |          |                             |          |                             |          |  |
| Algemene verwarming                       | Lucht/wa-<br>ter-unit                                       | Nominale luchthoeveelheid (buiten)               |                                  | m³/h             |                                                                                            |          | 3.918                       |          |                             |          |                             |          | 3.960                       |          |                             |          |  |
|                                           |                                                             | Andere                                           |                                  | Capacity control | Inverter                                                                                   |          |                             |          |                             |          |                             |          |                             |          |                             |          |  |
|                                           |                                                             | Pck (carterverwarming aan)                       |                                  | kW               | 0,000                                                                                      |          |                             |          |                             |          |                             |          |                             |          |                             |          |  |
|                                           |                                                             | Poff (uitgeschakelde stand)                      |                                  | kW               | 0,031                                                                                      |          |                             |          |                             |          |                             |          |                             |          |                             |          |  |
|                                           |                                                             | Psb (in stand-by)                                |                                  | kW               | 0,042                                                                                      |          |                             |          |                             |          |                             |          |                             |          |                             |          |  |
|                                           |                                                             | Pto (thermostaat uit)                            |                                  | kW               | 0,033                                                                                      |          |                             |          |                             |          |                             |          |                             |          |                             |          |  |
| Sanitair warm water                       | Algemeen                                                    | Aangegevens belastingprofiel                     |                                  |                  | L                                                                                          |          | XL                          |          | L                           |          | XL                          |          | L                           |          | XL                          |          |  |
|                                           |                                                             | Functie voor verwarmen van water tijdens daluren |                                  |                  | Nee                                                                                        |          |                             |          |                             |          |                             |          |                             |          |                             |          |  |
|                                           | Gematigd<br>klimaat                                         | AEC (jaarlijks stroomverbruik)                   |                                  | kWh              | 816                                                                                        |          | 1.326                       |          | 816                         |          | 1.326                       |          | 816                         |          | 1.326                       |          |  |
|                                           |                                                             | COPdhw                                           |                                  |                  | 2,89                                                                                       |          | 3,03                        |          | 2,89                        |          | 3,03                        |          | 2,89                        |          | 3,03                        |          |  |
|                                           |                                                             | Heat up time                                     |                                  |                  | 1u 36min                                                                                   |          | 1u 55min                    |          | 1u 36min                    |          | 1u 55min                    |          | 1u 36min                    |          | 1u 55min                    |          |  |
|                                           |                                                             | Gemengd water aan 40°C                           |                                  | l                | 193,0                                                                                      |          | 245,0                       |          | 193,0                       |          | 245,0                       |          | 193,0                       |          | 245,0                       |          |  |
|                                           |                                                             | ηwh (waterverwarmingsrendement)                  |                                  | %                | 126                                                                                        |          |                             |          |                             |          |                             |          |                             |          |                             |          |  |
|                                           |                                                             | Qelec (dagelijks stroomverbruik)                 |                                  | kWh              | 4,032                                                                                      |          | 7,294                       |          | 4,032                       |          | 7,294                       |          | 4,032                       |          | 7,294                       |          |  |
|                                           |                                                             | Referentietemperatuur warm water                 |                                  | °C               | 47,0                                                                                       |          | 44,4                        |          | 47,0                        |          | 44,4                        |          | 47,0                        |          | 44,4                        |          |  |
|                                           |                                                             | Stand-by vermogen ingang                         |                                  | W                | 57,2                                                                                       |          | 46,3                        |          | 57,2                        |          | 46,3                        |          | 57,2                        |          | 46,3                        |          |  |
| Sanitair warm water                       | Gematigd<br>klimaat                                         | Energierendementsklasse waterverwarming          |                                  |                  | A+                                                                                         |          |                             |          |                             |          |                             |          |                             |          |                             |          |  |
|                                           |                                                             | Koud                                             |                                  |                  |                                                                                            |          |                             |          |                             |          |                             |          |                             |          |                             |          |  |
|                                           | klimaat                                                     | AEC (jaarlijks stroomverbruik)                   |                                  | kWh              | 1.110                                                                                      |          | 1.512                       |          | 1.110                       |          | 1.512                       |          | 1.110                       |          | 1.512                       |          |  |
|                                           |                                                             | COPdhw                                           |                                  |                  | 2,16                                                                                       |          | 2,67                        |          | 2,16                        |          | 2,67                        |          | 2,16                        |          | 2,67                        |          |  |
|                                           |                                                             | Heat up time                                     |                                  |                  | 1u 30min                                                                                   |          | 1u 55min                    |          | 1u 30min                    |          | 1u 55min                    |          | 1u 30min                    |          | 1u 55min                    |          |  |
|                                           |                                                             | Gemengd water aan 40°C                           |                                  | l                | 159,0                                                                                      |          | 243,0                       |          | 159,0                       |          | 243,0                       |          | 159,0                       |          | 243,0                       |          |  |
|                                           |                                                             | ηwh (waterverwarmingsrendement)                  |                                  | %                | 93                                                                                         |          | 111                         |          | 93                          |          | 111                         |          | 93                          |          | 111                         |          |  |
|                                           |                                                             | Qelec (dagelijks stroomverbruik)                 |                                  | kWh              | 5,401                                                                                      |          | 7,150                       |          | 5,401                       |          | 7,150                       |          | 5,401                       |          | 7,150                       |          |  |
|                                           |                                                             | Referentietemperatuur warm water                 |                                  | °C               | 45,4                                                                                       |          | 44,3                        |          | 45,4                        |          | 44,3                        |          | 45,4                        |          | 44,3                        |          |  |
|                                           |                                                             | Stand-by vermogen ingang                         |                                  | W                | 62,9                                                                                       |          | 48,4                        |          | 62,9                        |          | 48,4                        |          | 62,9                        |          | 48,4                        |          |  |
|                                           |                                                             | Warm<br>klimaat                                  | AEC (jaarlijks stroomverbruik)   |                  | kWh                                                                                        | 689      |                             | 1.142    |                             | 689      |                             | 1.142    |                             | 689      |                             | 1.142    |  |
|                                           |                                                             |                                                  | COPdhw                           |                  |                                                                                            | 3,39     |                             | 3,50     |                             | 3,39     |                             | 3,50     |                             | 3,39     |                             | 3,50     |  |
|                                           |                                                             |                                                  | Heat up time                     |                  |                                                                                            | 1u 50min |                             | 2u 18min |                             | 1u 50min |                             | 2u 18min |                             | 1u 50min |                             | 2u 18min |  |
|                                           |                                                             |                                                  | Gemengd water aan 40°C           |                  | l                                                                                          | 191,0    |                             | 240,0    |                             | 191,0    |                             | 240,0    |                             | 191,0    |                             | 240,0    |  |
|                                           |                                                             |                                                  | ηwh (waterverwarmingsrendement)  |                  | %                                                                                          | 149      |                             | 147      |                             | 149      |                             | 147      |                             | 149      |                             | 147      |  |
|                                           |                                                             |                                                  | Qelec (dagelijks stroomverbruik) |                  | kWh                                                                                        | 3,436    |                             | 5,455    |                             | 3,436    |                             | 5,455    |                             | 3,436    |                             | 5,455    |  |
| Referentietemperatuur warm water          |                                                             |                                                  | °C                               | 46,9             |                                                                                            | 44,3     |                             | 46,9     |                             | 44,3     |                             | 46,9     |                             | 44,3     |                             |          |  |
| Stand-by vermogen ingang                  |                                                             |                                                  | W                                | 54,3             |                                                                                            | 46,0     |                             | 54,3     |                             | 46,0     |                             | 54,3     |                             | 46,0     |                             |          |  |

## 2 Specificaties

### 2 - 1 Specificaties

| Technische specificaties |                                             |                                                                  |                                                 | ETSH16P30E7 +<br>EPRA14DW17 | ETSH16P50E7 +<br>EPRA14DW17 | ETSH16P30E7 +<br>EPRA16DW17 | ETSH16P50E7 +<br>EPRA16DW17 | ETSH16P30E7 +<br>EPRA18DW17 | ETSH16P50E7 +<br>EPRA18DW17 |
|--------------------------|---------------------------------------------|------------------------------------------------------------------|-------------------------------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|
| Verwarming               | Wateruitlaat<br>gematigd<br>klimaat<br>55°C | Algemeen                                                         | Annual energy consumption                       | kWh                         |                             |                             |                             | 7,236                       |                             |
|                          |                                             |                                                                  | $\eta_s$ (seizoensefficiëntie ruimteverwarming) | %                           |                             |                             |                             | 140                         |                             |
|                          |                                             |                                                                  | $P_{\text{nominaal}} -10^\circ\text{C}$         | kW                          |                             |                             |                             | 12,5                        |                             |
|                          |                                             |                                                                  | $Q_{\text{he}}$ Annual energy consumption (GCV) | Gj                          |                             |                             |                             | 26                          |                             |
|                          |                                             |                                                                  | SCOP                                            |                             |                             |                             |                             | 3,57                        |                             |
|                          |                                             |                                                                  | Seizoensefficiëntieklasse verwarming            |                             |                             |                             |                             | A++                         |                             |
|                          |                                             | A-conditie<br>(-7°C DB/-<br>8°C NB)                              | Cdh (reductie van verwarming)                   |                             |                             |                             |                             | 1,0                         |                             |
|                          |                                             |                                                                  | COPd                                            |                             |                             |                             |                             | 2,43                        |                             |
|                          |                                             |                                                                  | Pdh                                             | kW                          |                             |                             |                             | 11,1                        |                             |
|                          |                                             |                                                                  | PERd                                            | %                           |                             |                             |                             | 97,2                        |                             |
|                          |                                             | B-conditie<br>(2°C DB/1°C<br>NB)                                 | Cdh (reductie van verwarming)                   |                             |                             |                             |                             | 1,0                         |                             |
|                          |                                             |                                                                  | COPd                                            |                             |                             |                             |                             | 3,52                        |                             |
|                          |                                             |                                                                  | Pdh                                             | kW                          |                             |                             |                             | 6,7                         |                             |
|                          |                                             |                                                                  | PERd                                            | %                           |                             |                             |                             | 140,8                       |                             |
|                          |                                             | C-conditie<br>(7°C DB/6°C<br>NB)                                 | Cdh (reductie van verwarming)                   |                             |                             |                             |                             | 1,0                         |                             |
|                          |                                             |                                                                  | COPd                                            |                             |                             |                             |                             | 4,54                        |                             |
|                          |                                             |                                                                  | Pdh                                             | kW                          |                             |                             |                             | 6,5                         |                             |
|                          |                                             |                                                                  | PERd                                            | %                           |                             |                             |                             | 181,6                       |                             |
|                          |                                             | D-conditie<br>(12°C DB/11°C<br>NB)                               | Cdh (reductie van verwarming)                   |                             |                             |                             |                             | 1,0                         |                             |
|                          |                                             |                                                                  | COPd                                            |                             |                             |                             |                             | 5,97                        |                             |
| Verwarming               | Wateruitlaat<br>gematigd<br>klimaat<br>55°C | D-conditie<br>(12°C DB/11°C<br>NB)                               | Pdh                                             | kW                          |                             |                             |                             | 5,2                         |                             |
|                          |                                             |                                                                  | PERd                                            | %                           |                             |                             |                             | 238,8                       |                             |
|                          |                                             | TOL (bedrijf-<br>stempera-<br>tuur)                              | COPd                                            |                             |                             |                             |                             | 2,12                        |                             |
|                          |                                             |                                                                  | Pdh                                             | kW                          |                             |                             |                             | 12,5                        |                             |
|                          |                                             |                                                                  | PERd                                            | %                           |                             |                             |                             | 84,8                        |                             |
|                          |                                             |                                                                  | TOL                                             | °C                          |                             |                             |                             | -10                         |                             |
|                          |                                             |                                                                  | WTOL                                            | °C                          |                             |                             |                             | 55                          |                             |
|                          |                                             | Extra<br>capaciteit<br>nominaal<br>verwar-<br>mingsver-<br>mogen | $P_{\text{sup}}$ (bij Tontwerp<br>-10°C)        | kW                          |                             |                             |                             | 0,0                         |                             |
|                          |                                             |                                                                  | Tbiv                                            | COPd                        |                             |                             |                             | 2,12                        |                             |
|                          |                                             |                                                                  | Pdh                                             | kW                          |                             |                             |                             | 12,5                        |                             |
|                          |                                             |                                                                  | PERd                                            | %                           |                             |                             |                             | 84,8                        |                             |
|                          |                                             |                                                                  | Tbiv                                            | °C                          |                             |                             |                             | -10                         |                             |
|                          | Wateruitlaat<br>koud klimaat<br>55°C        | Algemeen                                                         | Annual energy consumption                       | kWh                         |                             |                             |                             | 9,658                       |                             |
|                          |                                             |                                                                  | $\eta_s$ (seizoensefficiëntie ruimteverwarming) | %                           |                             |                             |                             | 125                         |                             |
|                          |                                             |                                                                  | $P_{\text{nominaal}} -22^\circ\text{C}$         | kW                          |                             |                             |                             | 12,5                        |                             |
|                          |                                             |                                                                  | $Q_{\text{he}}$ Annual energy consumption (GCV) | Gj                          |                             |                             |                             | 35                          |                             |
|                          |                                             |                                                                  | Cdh (reductie van verwarming)                   |                             |                             |                             |                             | 1,0                         |                             |
|                          |                                             |                                                                  | COPd                                            |                             |                             |                             |                             | 2,74                        |                             |
|                          |                                             | A-conditie<br>(-7°C DB/-<br>8°C NB)                              | Pdh                                             | kW                          |                             |                             |                             | 7,5                         |                             |
|                          |                                             |                                                                  | PERd                                            | %                           |                             |                             |                             | 109,6                       |                             |
|                          |                                             |                                                                  | Cdh (reductie van verwarming)                   |                             |                             |                             |                             | 1,0                         |                             |
|                          |                                             |                                                                  | COPd                                            |                             |                             |                             |                             | 3,67                        |                             |
|                          |                                             | B-conditie<br>(2°C DB/1°C<br>NB)                                 | Pdh                                             | kW                          |                             |                             |                             | 5,8                         |                             |
|                          |                                             |                                                                  | PERd                                            | %                           |                             |                             |                             | 146,8                       |                             |
|                          |                                             |                                                                  | Cdh (reductie van verwarming)                   |                             |                             |                             |                             | 1,0                         |                             |
|                          |                                             |                                                                  | COPd                                            |                             |                             |                             |                             | 4,69                        |                             |
|                          |                                             | C-conditie<br>(7°C DB/6°C<br>NB)                                 | Pdh                                             | kW                          |                             |                             |                             | 5,6                         |                             |
|                          |                                             |                                                                  | PERd                                            | %                           |                             |                             |                             | 187,6                       |                             |
|                          |                                             |                                                                  | COPd                                            |                             |                             |                             |                             | 6,12                        |                             |
|                          |                                             |                                                                  | Pdh                                             | kW                          |                             |                             |                             | 6,2                         |                             |
|                          |                                             | D-conditie<br>(12°C DB/11°C<br>NB)                               | PERd                                            | %                           |                             |                             |                             | 244,8                       |                             |
|                          |                                             |                                                                  | COPd                                            |                             |                             |                             |                             | 1,65                        |                             |
|                          |                                             |                                                                  | Pdh                                             | kW                          |                             |                             |                             | 10,6                        |                             |
|                          |                                             |                                                                  | PERd                                            | %                           |                             |                             |                             | 66,0                        |                             |
|                          |                                             | TOL (bedrijf-<br>stempera-<br>tuur)                              | TOL                                             | °C                          |                             |                             |                             | -22                         |                             |
|                          |                                             |                                                                  | WTOL                                            | °C                          |                             |                             |                             | 55                          |                             |
|                          |                                             |                                                                  | G-conditie                                      | COPd                        |                             |                             |                             | 2,17                        |                             |
|                          |                                             |                                                                  | (-15°C DB/-)                                    |                             |                             |                             |                             |                             |                             |

## 2 Specificaties

### 2 - 1 Specificaties

| Technische specificaties |                                          |                                               |                                           | ETSH16P30E7 +<br>EPRA14DW17 | ETSH16P50E7 +<br>EPRA14DW17 | ETSH16P30E7 +<br>EPRA16DW17 | ETSH16P50E7 +<br>EPRA16DW17 | ETSH16P30E7 +<br>EPRA18DW17 | ETSH16P50E7 +<br>EPRA18DW17 |
|--------------------------|------------------------------------------|-----------------------------------------------|-------------------------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|
| Verwarming               | Wateruitlaat<br>koud klimaat<br>55°C     | G-conditie                                    | Pdh                                       | kW                          |                             |                             |                             |                             | 10,3                        |
|                          |                                          |                                               | PERd                                      | %                           |                             |                             |                             |                             | 86,8                        |
|                          |                                          | Tbiv                                          | COPd                                      |                             |                             |                             |                             |                             | 1,90                        |
|                          |                                          |                                               | (bivalente                                | Pdh                         | kW                          |                             |                             |                             | 11,0                        |
|                          |                                          | tempera-<br>tuur                              | PERd                                      | %                           |                             |                             |                             |                             | 76,0                        |
|                          |                                          |                                               | Tbiv                                      | °C                          |                             |                             |                             |                             | -18                         |
|                          |                                          | Extra capaciteit nominaal verwarmingsvermogen | Psup (bij Tontwerp -22°C)                 | kW                          |                             |                             |                             |                             | 1,9                         |
|                          | Wateruitlaat<br>warm klimaat<br>55°C     | Algemeen                                      | Annual energy consumption                 | kWh                         |                             |                             |                             |                             | 4,453                       |
|                          |                                          |                                               | ηs (seizoensefficiëntie ruimteverwarming) | %                           |                             |                             |                             |                             | 166                         |
|                          |                                          |                                               | Phominaal 2°C                             | kW                          |                             |                             |                             |                             | 14,1                        |
|                          |                                          |                                               | Qhe Annual energy consumption (GCV)       | Gj                          |                             |                             |                             |                             | 16                          |
|                          |                                          | B-conditie<br>(2°C DB/1°C NB)                 | Cdh (reductie van verwarming)             |                             |                             |                             |                             |                             | 1,0                         |
|                          |                                          |                                               | COPd                                      |                             |                             |                             |                             |                             | 2,62                        |
|                          |                                          |                                               | Pdh                                       | kW                          |                             |                             |                             |                             | 11,4                        |
|                          |                                          |                                               | PERd                                      | %                           |                             |                             |                             |                             | 104,8                       |
|                          |                                          | C-conditie<br>(7°C DB/6°C NB)                 | Cdh (reductie van verwarming)             |                             |                             |                             |                             |                             | 1,0                         |
|                          |                                          |                                               | COPd                                      |                             |                             |                             |                             |                             | 3,78                        |
|                          |                                          |                                               | Pdh                                       | kW                          |                             |                             |                             |                             | 9,0                         |
|                          |                                          |                                               | PERd                                      | %                           |                             |                             |                             |                             | 151,2                       |
|                          |                                          | D-conditie<br>(12°C DB/11°C NB)               | Cdh (reductie van verwarming)             |                             |                             |                             |                             |                             | 1,0                         |
|                          |                                          |                                               | COPd                                      |                             |                             |                             |                             |                             | 5,63                        |
|                          |                                          |                                               | Pdh                                       | kW                          |                             |                             |                             |                             | 5,9                         |
|                          |                                          |                                               | PERd                                      | %                           |                             |                             |                             |                             | 225,2                       |
|                          | Tbiv<br>(bivalente temperatuur)          | COPd                                          |                                           |                             |                             |                             |                             |                             | 3,43                        |
|                          |                                          |                                               | Pdh                                       | kW                          |                             |                             |                             |                             | 11,1                        |
|                          |                                          |                                               | PERd                                      | %                           |                             |                             |                             |                             | 137,2                       |
|                          |                                          |                                               | Tbiv                                      | °C                          |                             |                             |                             |                             | 5                           |
|                          | Wateruitlaat 45°C                        | H-voorwaarde (-2°C)                           | Max.                                      | kW                          | 11,1                        |                             |                             | 11,8                        |                             |
|                          | Wateruitlaat<br>gematigd klimaat<br>35°C | Algemeen                                      | Annual energy consumption                 | kWh                         |                             |                             |                             |                             | 5,479                       |
|                          |                                          |                                               | ηs (seizoensefficiëntie ruimteverwarming) | %                           |                             |                             |                             |                             | 186                         |
|                          |                                          |                                               | Phominaal -10°C                           | kW                          |                             |                             |                             |                             | 12,5                        |
|                          |                                          |                                               | Qhe Annual energy consumption (GCV)       | Gj                          |                             |                             |                             |                             | 20                          |
|                          |                                          | A-conditie<br>(-7°C DB/-8°C NB)               | SCOP                                      |                             |                             |                             |                             |                             | 4,71                        |
|                          |                                          |                                               | Seizoensefficiëntieklasse verwarming      |                             |                             |                             |                             |                             | A+++                        |
|                          |                                          |                                               | COPd                                      |                             |                             |                             |                             |                             | 2,97                        |
|                          |                                          |                                               | Pdh                                       | kW                          |                             |                             |                             |                             | 10,7                        |
|                          |                                          |                                               | PERd                                      | %                           |                             |                             |                             |                             | 118,8                       |

## 2 Specificaties

### 2 - 1 Specificaties

| Technische specificaties |                                                                  |                                         |                                             | ETSH16P30E7 +<br>EPRA14DW17 | ETSH16P50E7 +<br>EPRA14DW17 | ETSH16P30E7 +<br>EPRA16DW17 | ETSH16P50E7 +<br>EPRA16DW17 | ETSH16P30E7 +<br>EPRA18DW17 | ETSH16P50E7 +<br>EPRA18DW17 |
|--------------------------|------------------------------------------------------------------|-----------------------------------------|---------------------------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|
| Verwarming               | Wateruitlaat<br>gematigd<br>klimaat<br>35°C                      | B-conditie<br>(2°C DB/1°C<br>NB)        | Cdh (reductie van verwarming)               |                             |                             |                             | 1,0                         |                             |                             |
|                          |                                                                  |                                         | COPd                                        |                             |                             |                             | 4,94                        |                             |                             |
|                          |                                                                  |                                         | Pdh kW                                      |                             |                             |                             | 6,9                         |                             |                             |
|                          |                                                                  |                                         | PERd %                                      |                             |                             |                             | 197,6                       |                             |                             |
|                          |                                                                  | C-conditie<br>(7°C DB/6°C<br>NB)        | Cdh (reductie van verwarming)               |                             |                             |                             | 1,0                         |                             |                             |
|                          |                                                                  |                                         | COPd                                        |                             |                             |                             | 5,95                        |                             |                             |
|                          |                                                                  |                                         | Pdh kW                                      |                             |                             |                             | 6,2                         |                             |                             |
|                          |                                                                  |                                         | PERd %                                      |                             |                             |                             | 238,0                       |                             |                             |
|                          |                                                                  | D-conditie<br>(12°C DB/11°C<br>NB)      | Cdh (reductie van verwarming)               |                             |                             |                             | 1,0                         |                             |                             |
|                          |                                                                  |                                         | COPd                                        |                             |                             |                             | 7,07                        |                             |                             |
|                          |                                                                  |                                         | Pdh kW                                      |                             |                             |                             | 5,6                         |                             |                             |
|                          |                                                                  |                                         | PERd %                                      |                             |                             |                             | 282,8                       |                             |                             |
|                          | TOL (bedrijf-<br>stempera-<br>tuur)                              | COPd                                    |                                             |                             |                             |                             | 2,88                        |                             |                             |
|                          |                                                                  |                                         | Pdh kW                                      |                             |                             |                             | 12,1                        |                             |                             |
|                          |                                                                  |                                         | PERd %                                      |                             |                             |                             | 115,2                       |                             |                             |
|                          |                                                                  |                                         | TOL °C                                      |                             |                             |                             | -10                         |                             |                             |
|                          |                                                                  | WTOL °C                                 |                                             |                             |                             |                             | 35                          |                             |                             |
|                          |                                                                  |                                         |                                             |                             |                             |                             |                             |                             |                             |
|                          |                                                                  |                                         |                                             |                             |                             |                             |                             |                             |                             |
|                          |                                                                  |                                         |                                             |                             |                             |                             |                             |                             |                             |
|                          |                                                                  | Tbiv<br>(bivalente<br>tempera-<br>tuur) | COPd                                        |                             |                             |                             | 2,97                        |                             |                             |
|                          |                                                                  |                                         | Pdh kW                                      |                             |                             |                             | 10,7                        |                             |                             |
|                          |                                                                  |                                         | PERd %                                      |                             |                             |                             | 118,8                       |                             |                             |
|                          |                                                                  |                                         | Tbiv °C                                     |                             |                             |                             | -7                          |                             |                             |
|                          | Extra<br>capaciteit<br>nominaal<br>verwar-<br>mingsver-<br>mogen | Psup (bij Tontwerp<br>-10°C)            |                                             |                             |                             |                             | 0,4                         |                             |                             |
|                          |                                                                  |                                         |                                             |                             |                             |                             |                             |                             |                             |
|                          |                                                                  |                                         |                                             |                             |                             |                             |                             |                             |                             |
|                          |                                                                  |                                         |                                             |                             |                             |                             |                             |                             |                             |
|                          |                                                                  | Wateruitlaat<br>koud klimaat<br>35°C    | Annual energy consumption kWh               |                             |                             |                             | 7,425                       |                             |                             |
|                          |                                                                  |                                         | ηs (seizoensefficiëntie ruimteverwarming) % |                             |                             |                             | 163                         |                             |                             |
|                          |                                                                  |                                         | Pnominaal -22°C kW                          |                             |                             |                             | 13                          |                             |                             |
|                          |                                                                  |                                         | Qhe jaarl. energieverbruik (GCV) GJ         |                             |                             |                             | 26,7                        |                             |                             |
|                          |                                                                  | A Condition<br>(-7°CDB/<br>B/-8°CWB)    | COPd                                        |                             |                             |                             | 3,50                        |                             |                             |
|                          |                                                                  |                                         | Pdh kW                                      |                             |                             |                             | 8,0                         |                             |                             |
|                          |                                                                  |                                         | PERd %                                      |                             |                             |                             | 140,0                       |                             |                             |
|                          |                                                                  | B Condition<br>(2°CDB/<br>B/1°CWB)      | Cdh (reductie van verwarming)               |                             |                             |                             | 1,0                         |                             |                             |
|                          |                                                                  |                                         | COPd                                        |                             |                             |                             | 5,07                        |                             |                             |
|                          |                                                                  |                                         | Pdh kW                                      |                             |                             |                             | 4,9                         |                             |                             |
|                          |                                                                  |                                         | PERd %                                      |                             |                             |                             | 202,8                       |                             |                             |
|                          | C-conditie<br>(7°C DB/6°C<br>NB)                                 | Cdh (reductie van verwarming)           |                                             |                             |                             |                             | 1,0                         |                             |                             |
|                          |                                                                  |                                         | COPd                                        |                             |                             |                             | 6,10                        |                             |                             |
|                          |                                                                  |                                         | Pdh kW                                      |                             |                             |                             | 5,3                         |                             |                             |
|                          |                                                                  |                                         | PERd %                                      |                             |                             |                             | 244,0                       |                             |                             |



## 2 Specificaties

### 2 - 1 Specificaties

| Technische specificaties |                                |                                               |                                             | ETSH16P30E7 + EPRA14DW17 | ETSH16P50E7 + EPRA14DW17 | ETSH16P30E7 + EPRA16DW17 | ETSH16P50E7 + EPRA16DW17 | ETSH16P30E7 + EPRA18DW17 | ETSH16P50E7 + EPRA18DW17 |
|--------------------------|--------------------------------|-----------------------------------------------|---------------------------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|
| Verwarming               | Wateruitlaat koud klimaat 35°C | D-conditie (12°C DB/11°C NB)                  | Cdh (reductie van verwarming)               |                          |                          |                          | 1,0                      |                          |                          |
|                          |                                |                                               | COPd                                        |                          |                          |                          | 7,03                     |                          |                          |
|                          |                                |                                               | Pdh kW                                      |                          |                          |                          | 5,7                      |                          |                          |
|                          |                                |                                               | PERd %                                      |                          |                          |                          | 281,2                    |                          |                          |
|                          |                                | TOL (bedrijfstemperatuur)                     | COPd                                        |                          |                          |                          | 2,16                     |                          |                          |
|                          |                                |                                               | Pdh kW                                      |                          |                          |                          | 10,1                     |                          |                          |
|                          |                                |                                               | PERd %                                      |                          |                          |                          | 86,4                     |                          |                          |
|                          |                                |                                               | TOL °C                                      |                          |                          |                          | -22                      |                          |                          |
|                          |                                |                                               | WTOL °C                                     |                          |                          |                          | 35                       |                          |                          |
|                          |                                | G-conditie (-15°C DB/-)                       | COPd                                        |                          |                          |                          | 2,62                     |                          |                          |
|                          |                                |                                               | Pdh kW                                      |                          |                          |                          | 10,7                     |                          |                          |
|                          |                                |                                               | PERd %                                      |                          |                          |                          | 104,8                    |                          |                          |
|                          |                                | Tbiv (bivalente temperatuur)                  | COPd                                        |                          |                          |                          | 2,62                     |                          |                          |
|                          |                                |                                               | Pdh kW                                      |                          |                          |                          | 10,7                     |                          |                          |
|                          |                                |                                               | PERd %                                      |                          |                          |                          | 104,8                    |                          |                          |
|                          |                                |                                               | Tbiv °C                                     |                          |                          |                          | -15                      |                          |                          |
|                          | Wateruitlaat warm klimaat 35°C | Extra capaciteit nominaal verwarmingsvermogen | Psup (bij Tontwerp -22°C)                   |                          |                          |                          | 2,4                      |                          |                          |
|                          |                                |                                               |                                             |                          |                          |                          |                          |                          |                          |
|                          |                                |                                               |                                             |                          |                          |                          |                          |                          |                          |
|                          |                                |                                               |                                             |                          |                          |                          |                          |                          |                          |
|                          |                                | Algemeen                                      | Annual energy consumption kWh               |                          |                          |                          | 2.992                    |                          |                          |
|                          |                                |                                               | ηs (seizoensefficiëntie ruimteverwarming) % |                          |                          |                          | 220                      |                          |                          |
|                          |                                |                                               | Pnominaal 2°C kW                            |                          |                          |                          | 12,5                     |                          |                          |
|                          |                                |                                               | Qhe Annual energy consumption (GCV) GJ      |                          |                          |                          | 11                       |                          |                          |
|                          |                                | B-conditie (2°C DB/1°C NB)                    | Cdh (reductie van verwarming)               |                          |                          |                          | 1,0                      |                          |                          |
|                          |                                |                                               | COPd                                        |                          |                          |                          | 3,51                     |                          |                          |
|                          |                                |                                               | Pdh kW                                      |                          |                          |                          | 10,0                     |                          |                          |
|                          |                                |                                               | PERd %                                      |                          |                          |                          | 140,4                    |                          |                          |
|                          |                                | C-conditie (7°C DB/6°C NB)                    | Cdh (reductie van verwarming)               |                          |                          |                          | 1,0                      |                          |                          |
|                          |                                |                                               | COPd                                        |                          |                          |                          | 5,67                     |                          |                          |
|                          |                                |                                               | Pdh kW                                      |                          |                          |                          | 8,3                      |                          |                          |
|                          |                                |                                               | PERd %                                      |                          |                          |                          | 226,8                    |                          |                          |
|                          |                                | Tbiv (bivalente temperatuur)                  | COPd                                        |                          |                          |                          | 4,96                     |                          |                          |
|                          |                                |                                               | Pdh kW                                      |                          |                          |                          | 9,8                      |                          |                          |
|                          |                                |                                               | PERd %                                      |                          |                          |                          | 198,4                    |                          |                          |
|                          |                                |                                               | Tbiv °C                                     |                          |                          |                          | 5                        |                          |                          |
|                          |                                | D-conditie (12°C DB/11°C NB)                  | Cdh (reductie van verwarming)               |                          |                          |                          | 1,0                      |                          |                          |
|                          |                                |                                               | COPd                                        |                          |                          |                          | 7,04                     |                          |                          |
|                          |                                |                                               | Pdh kW                                      |                          |                          |                          | 5,7                      |                          |                          |
|                          |                                |                                               | PERd %                                      |                          |                          |                          | 281,6                    |                          |                          |

(1)Capaciteit overeenkomstig norm EN14511 en geldig voor een verwarmd waterbereik met dT = 3~8°C at Ta 7°C |

(2)Voorwaarde: Ta DB/NB 7°C/6°C - LWC 35°C (DT = 5°C) |

(3)Het opgenomen vermogen is het totaal van binnen- en buitenunits, met inbegrip van de circulatiepomp; overeenkomstig EN14511 |

Koelen: EW 23°C; LW 18°C; omgevingsomstandigheden: 35°CDB |

Koelen: EW 12%; LW 7%; omgevingsomstandigheden: 35°CDB

| Technische specificaties   |                  |                               |      | ETSHB16P30E7<br>+ EPRA14DW17 | ETSHB16P50E7<br>+ EPRA14DW17 | ETSHB16P30E7<br>+ EPRA16DW17 | ETSHB16P50E7<br>+ EPRA16DW17 | ETSHB16P30E7<br>+ EPRA18DW17 | ETSHB16P50E7<br>+ EPRA18DW17 |
|----------------------------|------------------|-------------------------------|------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|
| Verwarmingscapaciteit      | Min.             |                               | kW   | 3,70 (1)                     |                              | 3,96 (1)                     |                              | 4,40 (1)                     |                              |
|                            | Nom.             |                               | kW   | 5,90 (2)                     |                              |                              | 9,00 (2)                     |                              |                              |
|                            | Max.             |                               | kW   | 9,75 (1)                     |                              | 10,44 (1)                    |                              | 11,60 (1)                    |                              |
| Opgenomen vermogen         | Verwarmen        | Min.                          | kW   | 0,84 (3)                     |                              | 0,90 (3)                     |                              | 1,00 (3)                     |                              |
|                            |                  | Nom.                          | kW   | 1,23 (2)                     |                              |                              | 1,80 (2)                     |                              |                              |
|                            |                  | Max.                          | kW   | 2,17 (3)                     |                              | 2,32 (3)                     |                              | 2,58 (3)                     |                              |
| COP                        |                  |                               |      | 4,79 (2)                     |                              |                              | 5,00 (2)                     |                              |                              |
| Pomp                       | Type             | Grundfos UPMXL 20-125 CHBL RT |      |                              |                              |                              |                              |                              |                              |
| Warmtewisselaar waterzijde | Waterhoeveelheid | Verwarmen                     | Nom. | l/min                        | 16,9 (2)                     |                              | 25,8 (2)                     |                              |                              |

## 2 Specificaties

### 2 - 1 Specificaties

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| Technische specificaties                                                                                |                                    |                                                  | ETSHB16P30E7<br>+ EPRA14DW17                                                               | ETSHB16P50E7<br>+ EPRA14DW17 | ETSHB16P30E7<br>+ EPRA16DW17 | ETSHB16P50E7<br>+ EPRA16DW17 | ETSHB16P30E7<br>+ EPRA18DW17 | ETSHB16P50E7<br>+ EPRA18DW17 |          |          |
|---------------------------------------------------------------------------------------------------------|------------------------------------|--------------------------------------------------|--------------------------------------------------------------------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|----------|----------|
| General                                                                                                 | Gegevens van leverancier/fabrikant | Naam en adres<br>Naam of handelsmerk             | Daikin Europe N.V. - Zandvoordestraat 300, 8400 Oostende, Belgium<br>Daikin Europe N.V.    |                              |                              |                              |                              |                              |          |          |
|                                                                                                         | Product description                | Lucht/water-warmtepomp                           | Ja                                                                                         |                              |                              |                              |                              |                              |          |          |
|                                                                                                         |                                    | Glycol/water-warmtepomp                          | Nee                                                                                        |                              |                              |                              |                              |                              |          |          |
|                                                                                                         |                                    | Verwarming combinatie warmtepomp                 | Ja                                                                                         |                              |                              |                              |                              |                              |          |          |
|                                                                                                         |                                    | Lagetemperatuurswarmtepomp                       | Nee                                                                                        |                              |                              |                              |                              |                              |          |          |
|                                                                                                         |                                    | Ingebouwde hulpverwarming                        | Nee                                                                                        |                              |                              |                              |                              |                              |          |          |
|                                                                                                         | Water/water-warmtepomp             | Nee                                              |                                                                                            |                              |                              |                              |                              |                              |          |          |
| LW(A) geluidsvermogensniveau (volgens EN14825)                                                          | Binnen                             | dB(A)                                            | 45,6                                                                                       |                              |                              |                              |                              |                              |          |          |
| LW(A) Sound power level (according to EN14825)                                                          | Outdoor                            | dB(A)                                            | 54,0                                                                                       |                              |                              |                              |                              |                              |          |          |
| Ecodesign geluidsconditie en energielabel                                                               |                                    |                                                  | Geluidsvermogen in verwarmingsmodus, gemeten volgens EN12102 onder voorwaarden van EN14825 |                              |                              |                              |                              |                              |          |          |
| Algemene verwarming                                                                                     | Lucht/water-unit                   | Nominale luchthoeveelheid (buiten)               | m³/h                                                                                       | 3.918                        |                              |                              |                              | 3.960                        |          |          |
|                                                                                                         | Andere                             | Capacity control                                 |                                                                                            | Inverter                     |                              |                              |                              |                              |          |          |
|                                                                                                         |                                    | Pck (carterverwarming aan)                       | kW                                                                                         | 0,000                        |                              |                              |                              |                              |          |          |
|                                                                                                         |                                    | Poff (uitgeschakelde stand)                      | kW                                                                                         | 0,031                        |                              |                              |                              |                              |          |          |
|                                                                                                         |                                    | Psb (in stand-by)                                | kW                                                                                         | 0,042                        |                              |                              |                              |                              |          |          |
|                                                                                                         |                                    | Pto (thermostaat uit)                            | kW                                                                                         | 0,033                        |                              |                              |                              |                              |          |          |
|  Sanitair warm water   | Algemeen                           | Aangegevens belastingprofiel                     | L                                                                                          | XL                           | L                            | XL                           | L                            | XL                           |          |          |
|                                                                                                         |                                    | Functie voor verwarmen van water tijdens daluren | Nee                                                                                        |                              |                              |                              |                              |                              |          |          |
|                                                                                                         | Gematigd klimaat                   | AEC (jaarlijks stroomverbruik)                   | kWh                                                                                        | 816                          | 1.326                        | 816                          | 1.326                        | 816                          | 1.326    |          |
|                                                                                                         |                                    | COPdhw                                           |                                                                                            | 2,89                         | 3,03                         | 2,89                         | 3,03                         | 2,89                         | 3,03     |          |
|                                                                                                         |                                    | Heat up time                                     |                                                                                            | 1u 36min                     | 1u 55min                     | 1u 36min                     | 1u 55min                     | 1u 36min                     | 1u 55min |          |
|                                                                                                         |                                    | Gemengd water aan 40°C                           | l                                                                                          | 193,0                        | 245,0                        | 193,0                        | 245,0                        | 193,0                        | 245,0    |          |
|                                                                                                         |                                    | ηwh (waterverwarmingsrendement)                  | %                                                                                          | 126                          |                              |                              |                              |                              |          |          |
|                                                                                                         |                                    | Qelec (dagelijks stroomverbruik)                 | kWh                                                                                        | 4,032                        | 7,294                        | 4,032                        | 7,294                        | 4,032                        | 7,294    |          |
|                                                                                                         |                                    | Referentietemperatuur warm water                 | °C                                                                                         | 47,0                         | 44,4                         | 47,0                         | 44,4                         | 47,0                         | 44,4     |          |
|                                                                                                         |                                    | Stand-by vermogen ingang                         | W                                                                                          | 57,2                         | 46,3                         | 57,2                         | 46,3                         | 57,2                         | 46,3     |          |
|  Sanitair warm water | Gematigd klimaat                   | Energierendementsklasse waterverwarming          | A+                                                                                         |                              |                              |                              |                              |                              |          |          |
|                                                                                                         |                                    |                                                  |                                                                                            |                              |                              |                              |                              |                              |          |          |
|                                                                                                         | Koud klimaat                       | AEC (jaarlijks stroomverbruik)                   | kWh                                                                                        | 1.110                        | 1.512                        | 1.110                        | 1.512                        | 1.110                        | 1.512    |          |
|                                                                                                         |                                    | COPdhw                                           |                                                                                            | 2,16                         | 2,67                         | 2,16                         | 2,67                         | 2,16                         | 2,67     |          |
|                                                                                                         |                                    | Heat up time                                     |                                                                                            | 1u 30min                     | 1u 55min                     | 1u 30min                     | 1u 55min                     | 1u 30min                     | 1u 55min |          |
|                                                                                                         |                                    | Gemengd water aan 40°C                           | l                                                                                          | 159,0                        | 243,0                        | 159,0                        | 243,0                        | 159,0                        | 243,0    |          |
|                                                                                                         |                                    | ηwh (waterverwarmingsrendement)                  | %                                                                                          | 93                           | 111                          | 93                           | 111                          | 93                           | 111      |          |
|                                                                                                         |                                    | Qelec (dagelijks stroomverbruik)                 | kWh                                                                                        | 5,401                        | 7,150                        | 5,401                        | 7,150                        | 5,401                        | 7,150    |          |
|                                                                                                         |                                    | Referentietemperatuur warm water                 | °C                                                                                         | 45,4                         | 44,3                         | 45,4                         | 44,3                         | 45,4                         | 44,3     |          |
|                                                                                                         |                                    | Stand-by vermogen ingang                         | W                                                                                          | 62,9                         | 48,4                         | 62,9                         | 48,4                         | 62,9                         | 48,4     |          |
|                                                                                                         |                                    | Warm klimaat                                     | AEC (jaarlijks stroomverbruik)                                                             | kWh                          | 689                          | 1.142                        | 689                          | 1.142                        | 689      | 1.142    |
|                                                                                                         |                                    |                                                  | COPdhw                                                                                     |                              | 3,39                         | 3,50                         | 3,39                         | 3,50                         | 3,39     | 3,50     |
|                                                                                                         |                                    |                                                  | Heat up time                                                                               |                              | 1u 50min                     | 2u 18min                     | 1u 50min                     | 2u 18min                     | 1u 50min | 2u 18min |
|                                                                                                         |                                    |                                                  | Gemengd water aan 40°C                                                                     | l                            | 191,0                        | 240,0                        | 191,0                        | 240,0                        | 191,0    | 240,0    |
|                                                                                                         |                                    |                                                  | ηwh (waterverwarmingsrendement)                                                            | %                            | 149                          | 147                          | 149                          | 147                          | 149      | 147      |
|                                                                                                         |                                    |                                                  | Qelec (dagelijks stroomverbruik)                                                           | kWh                          | 3,436                        | 5,455                        | 3,436                        | 5,455                        | 3,436    | 5,455    |
|                                                                                                         |                                    |                                                  | Referentietemperatuur warm water                                                           | °C                           | 46,9                         | 44,3                         | 46,9                         | 44,3                         | 46,9     | 44,3     |
| Stand-by vermogen inaanq                                                                                | W                                  |                                                  | 54,3                                                                                       | 46,0                         | 54,3                         | 46,0                         | 54,3                         | 46,0                         |          |          |

## 2 Specificaties

### 2 - 1 Specificaties

| Technische specificaties |                                             |                                               |                                                 | ETSHB16P30E7<br>+ EPRA14DW17 | ETSHB16P50E7<br>+ EPRA14DW17 | ETSHB16P30E7<br>+ EPRA16DW17 | ETSHB16P50E7<br>+ EPRA16DW17 | ETSHB16P30E7<br>+ EPRA18DW17 | ETSHB16P50E7<br>+ EPRA18DW17 |
|--------------------------|---------------------------------------------|-----------------------------------------------|-------------------------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|
| Verwarming               | Wateruitlaat<br>gematigd<br>klimaat<br>55°C | Algemeen                                      | Annual energy consumption                       | kWh                          |                              |                              | 7,236                        |                              |                              |
|                          |                                             |                                               | $\eta_s$ (seizoensefficiëntie ruimteverwarming) | %                            |                              |                              | 140                          |                              |                              |
|                          |                                             |                                               | Pnominiaal -10°C                                | kW                           |                              |                              | 12,5                         |                              |                              |
|                          |                                             |                                               | Qhe Annual energy consumption (GCV)             | Gj                           |                              |                              | 26                           |                              |                              |
|                          |                                             |                                               | SCOP                                            |                              |                              |                              | 3,57                         |                              |                              |
|                          |                                             |                                               | Seizoensefficiëntieklasse verwarming            |                              |                              |                              | A++                          |                              |                              |
|                          |                                             |                                               | A-conditie Cdh (reductie van verwarming)        |                              |                              |                              | 1,0                          |                              |                              |
|                          |                                             |                                               | (-7°C DB/-8°C NB) COPd                          |                              |                              |                              | 2,43                         |                              |                              |
|                          |                                             |                                               | Pdh                                             | kW                           |                              |                              | 11,1                         |                              |                              |
|                          |                                             |                                               | PERd                                            | %                            |                              |                              | 97,2                         |                              |                              |
|                          |                                             |                                               | B-conditie Cdh (reductie van verwarming)        |                              |                              |                              | 1,0                          |                              |                              |
|                          |                                             |                                               | (2°C DB/1°C NB) COPd                            |                              |                              |                              | 3,52                         |                              |                              |
|                          |                                             |                                               | Pdh                                             | kW                           |                              |                              | 6,7                          |                              |                              |
|                          |                                             |                                               | PERd                                            | %                            |                              |                              | 140,8                        |                              |                              |
|                          |                                             |                                               | C-conditie Cdh (reductie van verwarming)        |                              |                              |                              | 1,0                          |                              |                              |
|                          |                                             |                                               | (7°C DB/6°C NB) COPd                            |                              |                              |                              | 4,54                         |                              |                              |
|                          |                                             |                                               | Pdh                                             | kW                           |                              |                              | 6,5                          |                              |                              |
|                          |                                             |                                               | PERd                                            | %                            |                              |                              | 181,6                        |                              |                              |
|                          |                                             |                                               | D-conditie Cdh (reductie van verwarming)        |                              |                              |                              | 1,0                          |                              |                              |
|                          |                                             |                                               | (12°C DB/11°C NB) COPd                          |                              |                              |                              | 5,97                         |                              |                              |
| Verwarming               | Wateruitlaat<br>gematigd<br>klimaat<br>55°C | D-conditie (12°C DB/11°C NB)                  | Pdh                                             | kW                           |                              |                              | 5,2                          |                              |                              |
|                          |                                             |                                               | PERd                                            | %                            |                              |                              | 238,8                        |                              |                              |
|                          |                                             | TOL (bedrijfstemperatuur)                     | COPd                                            |                              |                              |                              | 2,12                         |                              |                              |
|                          |                                             |                                               | Pdh                                             | kW                           |                              |                              | 12,5                         |                              |                              |
|                          |                                             |                                               | PERd                                            | %                            |                              |                              | 84,8                         |                              |                              |
|                          |                                             |                                               | TOL                                             | °C                           |                              |                              | -10                          |                              |                              |
|                          |                                             |                                               | WTOL                                            | °C                           |                              |                              | 55                           |                              |                              |
|                          |                                             | Extra capaciteit nominaal verwarmingsvermogen | Psup (bij Tontwerp -10°C)                       | kW                           |                              |                              | 0,0                          |                              |                              |
|                          |                                             |                                               | Tbiv                                            | COPd                         |                              |                              | 2,12                         |                              |                              |
|                          |                                             |                                               | Pdh                                             | kW                           |                              |                              | 12,5                         |                              |                              |
|                          |                                             |                                               | PERd                                            | %                            |                              |                              | 84,8                         |                              |                              |
|                          |                                             |                                               | Tbiv                                            | °C                           |                              |                              | -10                          |                              |                              |
|                          | Wateruitlaat<br>koud klimaat<br>55°C        | Algemeen                                      | Annual energy consumption                       | kWh                          |                              |                              | 9,658                        |                              |                              |
|                          |                                             |                                               | $\eta_s$ (seizoensefficiëntie ruimteverwarming) | %                            |                              |                              | 125                          |                              |                              |
|                          |                                             |                                               | Pnominiaal -22°C                                | kW                           |                              |                              | 12,5                         |                              |                              |
|                          |                                             |                                               | Qhe Annual energy consumption (GCV)             | Gj                           |                              |                              | 35                           |                              |                              |
|                          |                                             |                                               | A-conditie Cdh (reductie van verwarming)        |                              |                              |                              | 1,0                          |                              |                              |
|                          |                                             |                                               | (-7°C DB/-8°C NB) COPd                          |                              |                              |                              | 2,74                         |                              |                              |
|                          |                                             |                                               | Pdh                                             | kW                           |                              |                              | 7,5                          |                              |                              |
|                          |                                             |                                               | PERd                                            | %                            |                              |                              | 109,6                        |                              |                              |
|                          |                                             |                                               | B-conditie Cdh (reductie van verwarming)        |                              |                              |                              | 1,0                          |                              |                              |
|                          |                                             |                                               | (2°C DB/1°C NB) COPd                            |                              |                              |                              | 3,67                         |                              |                              |
|                          |                                             |                                               | Pdh                                             | kW                           |                              |                              | 5,8                          |                              |                              |
|                          |                                             |                                               | PERd                                            | %                            |                              |                              | 146,8                        |                              |                              |
|                          |                                             |                                               | C-conditie Cdh (reductie van verwarming)        |                              |                              |                              | 1,0                          |                              |                              |
|                          |                                             |                                               | (7°C DB/6°C NB) COPd                            |                              |                              |                              | 4,69                         |                              |                              |
|                          |                                             |                                               | Pdh                                             | kW                           |                              |                              | 5,6                          |                              |                              |
|                          |                                             |                                               | PERd                                            | %                            |                              |                              | 187,6                        |                              |                              |
|                          |                                             |                                               | D-conditie COPd                                 |                              |                              |                              | 6,12                         |                              |                              |
|                          |                                             |                                               | (12°C DB/11°C NB) Pdh                           | kW                           |                              |                              | 6,2                          |                              |                              |
|                          |                                             |                                               | PERd                                            | %                            |                              |                              | 244,8                        |                              |                              |
|                          |                                             | TOL (bedrijfstemperatuur)                     | COPd                                            |                              |                              |                              | 1,65                         |                              |                              |
|                          |                                             |                                               | Pdh                                             | kW                           |                              |                              | 10,6                         |                              |                              |
|                          |                                             |                                               | PERd                                            | %                            |                              |                              | 66,0                         |                              |                              |
|                          |                                             |                                               | TOL                                             | °C                           |                              |                              | -22                          |                              |                              |
|                          |                                             |                                               | WTOL                                            | °C                           |                              |                              | 55                           |                              |                              |
|                          |                                             | G-conditie                                    | COPd                                            |                              |                              |                              | 2,17                         |                              |                              |
|                          |                                             | (-15°C DB/-)                                  |                                                 |                              |                              |                              |                              |                              |                              |

## 2 Specificaties

### 2 - 1 Specificaties

| Technische specificaties |                                             |                           |                               | ETSHB16P30E7<br>+ EPRA14DW17 | ETSHB16P50E7<br>+ EPRA14DW17 | ETSHB16P30E7<br>+ EPRA16DW17 | ETSHB16P50E7<br>+ EPRA16DW17 | ETSHB16P30E7<br>+ EPRA18DW17 | ETSHB16P50E7<br>+ EPRA18DW17 |
|--------------------------|---------------------------------------------|---------------------------|-------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|
| Verwarming               | Wateruitlaat<br>koud klimaat<br>55°C        | G-conditie                | Pdh                           | kW                           |                              |                              | 10,3                         |                              |                              |
|                          |                                             | koud klimaat (-15°C DB/-) | PERd                          | %                            |                              |                              | 86,8                         |                              |                              |
|                          |                                             | Tbiv                      | COPd                          |                              |                              |                              | 1,90                         |                              |                              |
|                          |                                             | (bivalente                | Pdh                           | kW                           |                              |                              | 11,0                         |                              |                              |
|                          |                                             | tempera-                  | PERd                          | %                            |                              |                              | 76,0                         |                              |                              |
|                          |                                             | tuur)                     | Tbiv                          | °C                           |                              |                              | -18                          |                              |                              |
|                          |                                             | Extra                     | Psup (bij Tontwerp            | kW                           |                              |                              | 1,9                          |                              |                              |
|                          |                                             | capaciteit                | -22°C)                        |                              |                              |                              |                              |                              |                              |
|                          | Wateruitlaat<br>warm<br>klimaat<br>55°C     | Algemeen                  | Annual energy                 | kWh                          |                              |                              | 4,453                        |                              |                              |
|                          |                                             |                           | consumption                   |                              |                              |                              |                              |                              |                              |
|                          |                                             |                           | ηs (seizoensefficiëntie       | %                            |                              |                              | 166                          |                              |                              |
|                          |                                             |                           | ruimteverwarming)             |                              |                              |                              |                              |                              |                              |
|                          |                                             |                           | Pnominiaal 2°C                | kW                           |                              |                              | 14,1                         |                              |                              |
|                          |                                             |                           | Qhe Annual energy             | Gj                           |                              |                              | 16                           |                              |                              |
|                          |                                             |                           | consumption (GCV)             |                              |                              |                              |                              |                              |                              |
|                          |                                             | B-conditie                | Cdh (reductie van verwarming) |                              |                              |                              | 1,0                          |                              |                              |
|                          |                                             | (2°C DB/1°C               | COPd                          |                              |                              |                              | 2,62                         |                              |                              |
|                          |                                             | NB)                       | Pdh                           | kW                           |                              |                              | 11,4                         |                              |                              |
|                          |                                             |                           | PERd                          | %                            |                              |                              | 104,8                        |                              |                              |
|                          |                                             | C-conditie                | Cdh (reductie van verwarming) |                              |                              |                              | 1,0                          |                              |                              |
|                          |                                             | (7°C DB/6°C               | COPd                          |                              |                              |                              | 3,78                         |                              |                              |
|                          |                                             | NB)                       | Pdh                           | kW                           |                              |                              | 9,0                          |                              |                              |
|                          |                                             |                           | PERd                          | %                            |                              |                              | 151,2                        |                              |                              |
|                          |                                             | D-conditie                | Cdh (reductie van verwarming) |                              |                              |                              | 1,0                          |                              |                              |
|                          |                                             | (12°C DB/11°C             | COPd                          |                              |                              |                              | 5,63                         |                              |                              |
|                          |                                             | NB)                       | Pdh                           | kW                           |                              |                              | 5,9                          |                              |                              |
|                          |                                             |                           | PERd                          | %                            |                              |                              | 225,2                        |                              |                              |
|                          |                                             | Tbiv                      | COPd                          |                              |                              |                              | 3,43                         |                              |                              |
|                          |                                             | (bivalente                | Pdh                           | kW                           |                              |                              | 11,1                         |                              |                              |
|                          |                                             | tempera-                  | PERd                          | %                            |                              |                              | 137,2                        |                              |                              |
|                          |                                             | tuur)                     | Tbiv                          | °C                           |                              |                              | 5                            |                              |                              |
|                          | Wateruitlaat                                | H-voorwaar-               | Max.                          | kW                           | 11,1                         |                              | 11,8                         |                              |                              |
|                          | 45°C                                        | de (-2°C)                 |                               |                              |                              |                              |                              |                              |                              |
|                          | Wateruitlaat<br>gematigd<br>klimaat<br>35°C | Algemeen                  | Annual energy                 | kWh                          |                              |                              | 5,479                        |                              |                              |
|                          |                                             |                           | consumption                   |                              |                              |                              |                              |                              |                              |
|                          |                                             |                           | ηs (seizoensefficiëntie       | %                            |                              |                              | 186                          |                              |                              |
|                          |                                             |                           | ruimteverwarming)             |                              |                              |                              |                              |                              |                              |
|                          |                                             |                           | Pnominiaal -10°C              | kW                           |                              |                              | 12,5                         |                              |                              |
|                          |                                             |                           | Qhe Annual energy             | Gj                           |                              |                              | 20                           |                              |                              |
|                          |                                             |                           | consumption (GCV)             |                              |                              |                              |                              |                              |                              |
|                          |                                             |                           | SCOP                          |                              |                              |                              | 4,71                         |                              |                              |
|                          |                                             |                           | Seizoensefficiëntieklasse     |                              |                              |                              | A+++                         |                              |                              |
|                          |                                             |                           | verwarming                    |                              |                              |                              |                              |                              |                              |
|                          | A-conditie                                  | COPd                      |                               |                              |                              |                              | 2,97                         |                              |                              |
|                          |                                             | (-7°C DB/-                | Pdh                           | kW                           |                              |                              | 10,7                         |                              |                              |
|                          |                                             | 8°C NB)                   | PERd                          | %                            |                              |                              | 118,8                        |                              |                              |

## 2 Specificaties

### 2 - 1 Specificaties

| Technische specificaties                                                                        |                                             |                                                                  |                                                | ETSHB16P30E7<br>+ EPRA14DW17 | ETSHB16P50E7<br>+ EPRA14DW17 | ETSHB16P30E7<br>+ EPRA16DW17 | ETSHB16P50E7<br>+ EPRA16DW17 | ETSHB16P30E7<br>+ EPRA18DW17 | ETSHB16P50E7<br>+ EPRA18DW17 |
|-------------------------------------------------------------------------------------------------|---------------------------------------------|------------------------------------------------------------------|------------------------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|
| Verwarming<br> | Wateruitlaat<br>gematigd<br>klimaat<br>35°C | B-conditie<br>(2°C DB/1°C<br>NB)                                 | Cdh (reductie van verwarming)                  |                              |                              |                              | 1,0                          |                              |                              |
|                                                                                                 |                                             |                                                                  | COPd                                           |                              |                              |                              | 4,94                         |                              |                              |
|                                                                                                 |                                             |                                                                  | Pdh kW                                         |                              |                              |                              | 6,9                          |                              |                              |
|                                                                                                 |                                             |                                                                  | PERd %                                         |                              |                              |                              | 197,6                        |                              |                              |
|                                                                                                 |                                             | C-conditie<br>(7°C DB/6°C<br>NB)                                 | Cdh (reductie van verwarming)                  |                              |                              |                              | 1,0                          |                              |                              |
|                                                                                                 |                                             |                                                                  | COPd                                           |                              |                              |                              | 5,95                         |                              |                              |
|                                                                                                 |                                             |                                                                  | Pdh kW                                         |                              |                              |                              | 6,2                          |                              |                              |
|                                                                                                 |                                             |                                                                  | PERd %                                         |                              |                              |                              | 238,0                        |                              |                              |
|                                                                                                 |                                             | D-conditie<br>(12°C DB/11°C<br>NB)                               | Cdh (reductie van verwarming)                  |                              |                              |                              | 1,0                          |                              |                              |
|                                                                                                 |                                             |                                                                  | COPd                                           |                              |                              |                              | 7,07                         |                              |                              |
|                                                                                                 |                                             |                                                                  | Pdh kW                                         |                              |                              |                              | 5,6                          |                              |                              |
|                                                                                                 |                                             |                                                                  | PERd %                                         |                              |                              |                              | 282,8                        |                              |                              |
|                                                                                                 |                                             | TOL (bedrijf-<br>stempera-<br>tuur)                              | COPd                                           |                              |                              |                              | 2,88                         |                              |                              |
|                                                                                                 |                                             |                                                                  | Pdh kW                                         |                              |                              |                              | 12,1                         |                              |                              |
|                                                                                                 |                                             |                                                                  | PERd %                                         |                              |                              |                              | 115,2                        |                              |                              |
|                                                                                                 |                                             |                                                                  | TOL °C                                         |                              |                              |                              | -10                          |                              |                              |
|                                                                                                 | Wateruitlaat<br>koud klimaat<br>35°C        | Tbiv<br>(bivalente<br>tempera-<br>tuur)                          | WTOL °C                                        |                              |                              |                              | 35                           |                              |                              |
|                                                                                                 |                                             |                                                                  | COPd                                           |                              |                              |                              | 2,97                         |                              |                              |
|                                                                                                 |                                             |                                                                  | Pdh kW                                         |                              |                              |                              | 10,7                         |                              |                              |
|                                                                                                 |                                             |                                                                  | PERd %                                         |                              |                              |                              | 118,8                        |                              |                              |
|                                                                                                 |                                             | Extra<br>capaciteit<br>nominaal<br>verwar-<br>mingsver-<br>mogen | Tbiv °C                                        |                              |                              |                              | -7                           |                              |                              |
|                                                                                                 |                                             |                                                                  | Psup (bij Tontwerp<br>-10°C)                   |                              |                              |                              | 0,4                          |                              |                              |
|                                                                                                 |                                             |                                                                  | Annual energy<br>consumption kWh               |                              |                              |                              | 7,425                        |                              |                              |
|                                                                                                 |                                             |                                                                  | ηs (seizoensefficiëntie<br>ruimteverwarming) % |                              |                              |                              | 163                          |                              |                              |
|                                                                                                 |                                             | A Condition<br>(-7°CDB-<br>B/-8°CWB)                             | Pnominaal -22°C kW                             |                              |                              |                              | 13                           |                              |                              |
|                                                                                                 |                                             |                                                                  | Qhe jaarl. energiever-<br>bruik (GCV) GJ       |                              |                              |                              | 26,7                         |                              |                              |
|                                                                                                 |                                             |                                                                  | COPd                                           |                              |                              |                              | 3,50                         |                              |                              |
|                                                                                                 |                                             |                                                                  | Pdh kW                                         |                              |                              |                              | 8,0                          |                              |                              |
|                                                                                                 |                                             | B Condition<br>(2°CDB-<br>B/1°CWB)                               | PERd %                                         |                              |                              |                              | 140,0                        |                              |                              |
|                                                                                                 |                                             |                                                                  | Cdh (reductie van verwarming)                  |                              |                              |                              | 1,0                          |                              |                              |
|                                                                                                 |                                             |                                                                  | COPd                                           |                              |                              |                              | 5,07                         |                              |                              |
|                                                                                                 |                                             |                                                                  | Pdh kW                                         |                              |                              |                              | 4,9                          |                              |                              |
|                                                                                                 | C-conditie<br>(7°C DB/6°C<br>NB)            |                                                                  | PERd %                                         |                              |                              |                              | 202,8                        |                              |                              |
|                                                                                                 |                                             |                                                                  | Cdh (reductie van verwarming)                  |                              |                              |                              | 1,0                          |                              |                              |
|                                                                                                 |                                             |                                                                  | COPd                                           |                              |                              |                              | 6,10                         |                              |                              |
|                                                                                                 |                                             |                                                                  | Pdh kW                                         |                              |                              |                              | 5,3                          |                              |                              |
|                                                                                                 |                                             |                                                                  | PERd %                                         |                              |                              |                              | 244,0                        |                              |                              |

## 2 Specificaties

### 2 - 1 Specificaties

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| Technische specificaties |                                        |                                                                   |                                                | ETSHB16P30E7<br>+ EPRA14DW17 | ETSHB16P50E7<br>+ EPRA14DW17 | ETSHB16P30E7<br>+ EPRA16DW17 | ETSHB16P50E7<br>+ EPRA16DW17 | ETSHB16P30E7<br>+ EPRA18DW17 | ETSHB16P50E7<br>+ EPRA18DW17 |
|--------------------------|----------------------------------------|-------------------------------------------------------------------|------------------------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|
| Verwarming               | Wateruitlaat<br>koud klimaat<br>35°C   | D-conditie<br>(12°C DB/11°C<br>NB)                                | Cdh (reductie van verwarming)                  |                              |                              |                              | 1,0                          |                              |                              |
|                          |                                        |                                                                   | COPd                                           |                              |                              |                              | 7,03                         |                              |                              |
|                          |                                        |                                                                   | Pdh kW                                         |                              |                              |                              | 5,7                          |                              |                              |
|                          |                                        |                                                                   | PERd %                                         |                              |                              |                              | 281,2                        |                              |                              |
|                          |                                        |                                                                   | TOL (bedrijf-<br>stempera-<br>tuur)            |                              |                              |                              | 2,16                         |                              |                              |
|                          |                                        |                                                                   | COPd                                           |                              |                              |                              | 10,1                         |                              |                              |
|                          |                                        |                                                                   | Pdh kW                                         |                              |                              |                              | 86,4                         |                              |                              |
|                          |                                        |                                                                   | PERd %                                         |                              |                              |                              | -22                          |                              |                              |
|                          |                                        |                                                                   | TOL °C                                         |                              |                              |                              | 35                           |                              |                              |
|                          |                                        |                                                                   | WTOL °C                                        |                              |                              |                              | 2,62                         |                              |                              |
|                          |                                        | G-conditie<br>(-15°C DB/-)                                        | COPd                                           |                              |                              |                              | 10,7                         |                              |                              |
|                          |                                        |                                                                   | Pdh kW                                         |                              |                              |                              | 104,8                        |                              |                              |
|                          |                                        |                                                                   | PERd %                                         |                              |                              |                              | 2,62                         |                              |                              |
|                          |                                        |                                                                   | Tbiv (bivalente<br>tempera-<br>tuur)           |                              |                              |                              | 10,7                         |                              |                              |
|                          |                                        |                                                                   | PERd %                                         |                              |                              |                              | 104,8                        |                              |                              |
|                          |                                        |                                                                   | Tbiv °C                                        |                              |                              |                              | -15                          |                              |                              |
|                          | Wateruitlaat<br>warm kli-<br>maat 35°C | Extra<br>capaciteit<br>nominiaal<br>verwar-<br>mingsver-<br>mogen | Psup (bij Tontwerp<br>-22°C)                   |                              |                              |                              | 2,4                          |                              |                              |
|                          |                                        |                                                                   |                                                |                              |                              |                              |                              |                              |                              |
|                          |                                        |                                                                   |                                                |                              |                              |                              |                              |                              |                              |
|                          |                                        |                                                                   |                                                |                              |                              |                              |                              |                              |                              |
|                          |                                        |                                                                   |                                                |                              |                              |                              |                              |                              |                              |
|                          |                                        |                                                                   |                                                |                              |                              |                              |                              |                              |                              |
|                          |                                        | Algemeen                                                          | Annual energy<br>consumption kWh               |                              |                              |                              | 2.992                        |                              |                              |
|                          |                                        |                                                                   | ηs (seizoensefficiëntie<br>ruimteverwarming) % |                              |                              |                              | 220                          |                              |                              |
|                          |                                        |                                                                   | Pnominiaal 2°C kW                              |                              |                              |                              | 12,5                         |                              |                              |
|                          |                                        |                                                                   | Qhe Annual energy<br>consumption (GCV) GJ      |                              |                              |                              | 11                           |                              |                              |
|                          |                                        |                                                                   |                                                |                              |                              |                              |                              |                              |                              |
|                          |                                        |                                                                   |                                                |                              |                              |                              |                              |                              |                              |
|                          |                                        | B-conditie<br>(2°C DB/1°C<br>NB)                                  | Cdh (reductie van verwarming)                  |                              |                              |                              | 1,0                          |                              |                              |
|                          |                                        |                                                                   | COPd                                           |                              |                              |                              | 3,51                         |                              |                              |
|                          |                                        |                                                                   | Pdh kW                                         |                              |                              |                              | 10,0                         |                              |                              |
|                          |                                        |                                                                   | PERd %                                         |                              |                              |                              | 140,4                        |                              |                              |
|                          |                                        |                                                                   |                                                |                              |                              |                              |                              |                              |                              |
|                          |                                        |                                                                   |                                                |                              |                              |                              |                              |                              |                              |
|                          |                                        | C-conditie<br>(7°C DB/6°C<br>NB)                                  | Cdh (reductie van verwarming)                  |                              |                              |                              | 1,0                          |                              |                              |
|                          |                                        |                                                                   | COPd                                           |                              |                              |                              | 5,67                         |                              |                              |
|                          |                                        |                                                                   | Pdh kW                                         |                              |                              |                              | 8,3                          |                              |                              |
|                          |                                        |                                                                   | PERd %                                         |                              |                              |                              | 226,8                        |                              |                              |
|                          |                                        |                                                                   |                                                |                              |                              |                              |                              |                              |                              |
|                          |                                        |                                                                   |                                                |                              |                              |                              |                              |                              |                              |
|                          |                                        | Tbiv<br>(bivalente<br>tempera-<br>tuur)                           | COPd                                           |                              |                              |                              | 4,96                         |                              |                              |
|                          |                                        |                                                                   | Pdh kW                                         |                              |                              |                              | 9,8                          |                              |                              |
|                          |                                        |                                                                   | PERd %                                         |                              |                              |                              | 198,4                        |                              |                              |
|                          |                                        |                                                                   | Tbiv °C                                        |                              |                              |                              | 5                            |                              |                              |
|                          |                                        |                                                                   |                                                |                              |                              |                              |                              |                              |                              |
|                          |                                        |                                                                   |                                                |                              |                              |                              |                              |                              |                              |
|                          |                                        | D-conditie<br>(12°C DB/11°C<br>NB)                                | Cdh (reductie van verwarming)                  |                              |                              |                              | 1,0                          |                              |                              |
|                          |                                        |                                                                   | COPd                                           |                              |                              |                              | 7,04                         |                              |                              |
|                          |                                        |                                                                   | Pdh kW                                         |                              |                              |                              | 5,7                          |                              |                              |
|                          |                                        |                                                                   | PERd %                                         |                              |                              |                              | 281,6                        |                              |                              |
|                          |                                        |                                                                   |                                                |                              |                              |                              |                              |                              |                              |
|                          |                                        |                                                                   |                                                |                              |                              |                              |                              |                              |                              |

(1)Capaciteit overeenkomstig norm EN14511 en geldig voor een verwarmd waterbereik met dT = 3~8°C at Ta 7°C |

(2)Voorwaarde: Ta DB/NB 7°C/6°C - LWC 35°C (DT = 5°C) |

(3)Het opgenomen vermogen is het totaal van binnen- en buitenunits, met inbegrip van de circulatiepomp; overeenkomstig EN14511 |

Koelen: EW 23°C; LW 18°C; omgevingsomstandigheden: 35°CDB |

Koelen: EW 12%; LW 7%; omgevingsomstandigheden: 35°CDB

| Technische specificaties      |                       |           |            | ETXS16P30E7 +<br>EPRA14DW17 | ETXS16P50E7 +<br>EPRA14DW17 | ETXS16P30E7 +<br>EPRA16DW17   | ETXS16P50E7 +<br>EPRA16DW17 | ETXS16P30E7 +<br>EPRA18DW17 | ETXS16P50E7 +<br>EPRA18DW17 |
|-------------------------------|-----------------------|-----------|------------|-----------------------------|-----------------------------|-------------------------------|-----------------------------|-----------------------------|-----------------------------|
| Verwarmingscapaciteit         | Min.                  | kW        |            | 3,70 (1)                    |                             | 3,96 (1)                      |                             | 4,40 (1)                    |                             |
|                               |                       |           | Nom.       | 5,90 (2)                    |                             |                               | 9,00 (2)                    |                             |                             |
|                               |                       |           | Max.       | 9,75 (1)                    |                             | 10,44 (1)                     |                             | 11,60 (1)                   |                             |
| Koelvermogen                  | Nom.                  | kW        |            | 10,6 (3) / 6,90 (4)         |                             | 11,5 (3) / 7,88 (4)           |                             | 12,5 (3) / 8,86 (4)         |                             |
| Opgenomen vermogen            | Verwarmen             | Min.      | kW         | 0,84 (5)                    |                             | 0,90 (5)                      |                             | 1,00 (5)                    |                             |
|                               |                       | Nom.      | kW         | 1,23 (2)                    |                             |                               | 1,80 (2)                    |                             |                             |
|                               |                       | Max.      | kW         | 2,17 (5)                    |                             | 2,32 (5)                      |                             | 2,58 (5)                    |                             |
|                               | Koelen                | Nom.      | kW         | 2,55 (3) / 2,56 (4)         |                             | 2,80 (3) / 2,93 (4)           |                             | 3,05 (3) / 3,31 (4)         |                             |
| COP                           |                       |           |            | 4,79 (2)                    |                             |                               | 5,00 (2)                    |                             |                             |
| EER                           |                       |           |            | 4,13 (3) / 2,70 (4)         |                             | 4,11 (3) / 2,69 (4)           |                             | 4,09 (3) / 2,68 (4)         |                             |
| Pomp                          | Type                  |           |            |                             |                             | Grundfos UPMXL 20-125 CHBL RT |                             |                             |                             |
| Warmtewisselaar<br>waterzijde | Waterhoe-<br>veelheid | Verwarmen | Nom. l/min | 16,9 (2)                    |                             |                               | 25,8 (2)                    |                             |                             |

## 2 Specificaties

### 2 - 1 Specificaties

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| Technische specificaties                       |                                    |                                                  |          | ETSX16P30E7 +<br>EPRA14DW17                                                                | ETSX16P50E7 +<br>EPRA14DW17 | ETSX16P30E7 +<br>EPRA16DW17 | ETSX16P50E7 +<br>EPRA16DW17 | ETSX16P30E7 +<br>EPRA18DW17 | ETSX16P50E7 +<br>EPRA18DW17 |
|------------------------------------------------|------------------------------------|--------------------------------------------------|----------|--------------------------------------------------------------------------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|
| General                                        | Gegevens van leverancier/fabrikant | Naam en adres                                    |          | Daikin Europe N.V. - Zandvoordestraat 300, 8400 Oostende, Belgium                          |                             |                             |                             |                             |                             |
|                                                |                                    | Naam of handelsmerk                              |          | Daikin Europe N.V.                                                                         |                             |                             |                             |                             |                             |
|                                                | Product description                | Lucht/water-warmtepomp                           |          | Ja                                                                                         |                             |                             |                             |                             |                             |
|                                                |                                    | Glycol/water-warmtepomp                          |          | Nee                                                                                        |                             |                             |                             |                             |                             |
|                                                |                                    | Verwarming combinatie warmtepomp                 |          | Ja                                                                                         |                             |                             |                             |                             |                             |
|                                                |                                    | Lagetemperatuurswarmtepomp                       |          | Nee                                                                                        |                             |                             |                             |                             |                             |
|                                                |                                    | Ingebouwde hulpverwarming                        |          | Nee                                                                                        |                             |                             |                             |                             |                             |
| LW(A) geluidsvermogensniveau (volgens EN14825) | Water/water-warmtepomp             |                                                  | Nee      |                                                                                            |                             |                             |                             |                             |                             |
|                                                | Binnen                             | dB(A)                                            | 45,6     |                                                                                            |                             |                             |                             |                             |                             |
|                                                | Outdoor                            | dB(A)                                            | 54,0     |                                                                                            |                             |                             |                             |                             |                             |
| LW(A) Sound power level (according to EN14825) |                                    |                                                  |          | 54,0                                                                                       |                             |                             |                             |                             |                             |
| Ecodesign geluidsconditie en energielabel      |                                    |                                                  |          | Geluidsvermogen in verwarmingsmodus, gemeten volgens EN12102 onder voorwaarden van EN14825 |                             |                             |                             |                             |                             |
| Algemene verwarming                            | Lucht/water-unit                   | Nominale luchthoeveelheid (buiten)               | m³/h     | 3.918                                                                                      |                             |                             |                             | 3.960                       |                             |
|                                                | Andere                             | Capacity control                                 |          | Inverter                                                                                   |                             |                             |                             |                             |                             |
|                                                |                                    | Pck (carterverwarming aan)                       | kW       | 0,000                                                                                      |                             |                             |                             |                             |                             |
|                                                |                                    | Poff (uitgeschakelde stand)                      | kW       | 0,031                                                                                      |                             |                             |                             |                             |                             |
|                                                |                                    | Psb (in stand-by)                                | kW       | 0,042                                                                                      |                             |                             |                             |                             |                             |
|                                                |                                    | Pto (thermostaat uit)                            | kW       | 0,033                                                                                      |                             |                             |                             |                             |                             |
| Sanitair warm water                            | Algemeen                           | Aangegevens belastingprofiel                     |          | L                                                                                          | XL                          | L                           | XL                          | L                           | XL                          |
|                                                |                                    | Functie voor verwarmen van water tijdens daluren |          | Nee                                                                                        |                             |                             |                             |                             |                             |
|                                                | Gematigd klimaat                   | AEC (jaarlijks stroomverbruik)                   | kWh      | 816                                                                                        | 1.326                       | 816                         | 1.326                       | 816                         | 1.326                       |
|                                                |                                    | COPdhw                                           |          | 2,89                                                                                       | 3,03                        | 2,89                        | 3,03                        | 2,89                        | 3,03                        |
|                                                |                                    | Heat up time                                     |          | 1u 36min                                                                                   | 1u 55min                    | 1u 36min                    | 1u 55min                    | 1u 36min                    | 1u 55min                    |
| Sanitair warm water                            | Gematigd klimaat                   | Gemengd water aan 40°C                           | l        | 193,0                                                                                      | 245,0                       | 193,0                       | 245,0                       | 193,0                       | 245,0                       |
|                                                |                                    | ηwh (waterverwarmingsrendement)                  | %        | 126                                                                                        |                             |                             |                             |                             |                             |
|                                                |                                    | Qelec (dagelijks stroomverbruik)                 | kWh      | 4,032                                                                                      | 7,294                       | 4,032                       | 7,294                       | 4,032                       | 7,294                       |
|                                                |                                    | Referentietemperatuur warm water                 | °C       | 47,0                                                                                       | 44,4                        | 47,0                        | 44,4                        | 47,0                        | 44,4                        |
|                                                |                                    | Stand-by vermogen ingang                         | W        | 57,2                                                                                       | 46,3                        | 57,2                        | 46,3                        | 57,2                        | 46,3                        |
|                                                | Koud klimaat                       | Energierendementsklasse waterverwarming          |          | A+                                                                                         |                             |                             |                             |                             |                             |
|                                                |                                    | AEC (jaarlijks stroomverbruik)                   | kWh      | 1.110                                                                                      | 1.512                       | 1.110                       | 1.512                       | 1.110                       | 1.512                       |
|                                                |                                    | COPdhw                                           |          | 2,16                                                                                       | 2,67                        | 2,16                        | 2,67                        | 2,16                        | 2,67                        |
|                                                |                                    | Heat up time                                     |          | 1u 30min                                                                                   | 1u 55min                    | 1u 30min                    | 1u 55min                    | 1u 30min                    | 1u 55min                    |
|                                                |                                    | Gemengd water aan 40°C                           | l        | 159,0                                                                                      | 243,0                       | 159,0                       | 243,0                       | 159,0                       | 243,0                       |
|                                                |                                    | ηwh (waterverwarmingsrendement)                  | %        | 93                                                                                         | 111                         | 93                          | 111                         | 93                          | 111                         |
|                                                |                                    | Qelec (dagelijks stroomverbruik)                 | kWh      | 5,401                                                                                      | 7,150                       | 5,401                       | 7,150                       | 5,401                       | 7,150                       |
|                                                |                                    | Referentietemperatuur warm water                 | °C       | 45,4                                                                                       | 44,3                        | 45,4                        | 44,3                        | 45,4                        | 44,3                        |
|                                                |                                    | Stand-by vermogen ingang                         | W        | 62,9                                                                                       | 48,4                        | 62,9                        | 48,4                        | 62,9                        | 48,4                        |
| Warm klimaat                                   | AEC (jaarlijks stroomverbruik)     | kWh                                              | 689      | 1.142                                                                                      | 689                         | 1.142                       | 689                         | 1.142                       |                             |
|                                                | COPdhw                             |                                                  | 3,39     | 3,50                                                                                       | 3,39                        | 3,50                        | 3,39                        | 3,50                        |                             |
|                                                | Heat up time                       |                                                  | 1u 50min | 2u 18min                                                                                   | 1u 50min                    | 2u 18min                    | 1u 50min                    | 2u 18min                    |                             |
|                                                | Gemengd water aan 40°C             | l                                                | 191,0    | 240,0                                                                                      | 191,0                       | 240,0                       | 191,0                       | 240,0                       |                             |
|                                                | ηwh (waterverwarmingsrendement)    | %                                                | 149      | 147                                                                                        | 149                         | 147                         | 149                         | 147                         |                             |
|                                                | Qelec (dagelijks stroomverbruik)   | kWh                                              | 3,436    | 5,455                                                                                      | 3,436                       | 5,455                       | 3,436                       | 5,455                       |                             |
|                                                | Referentietemperatuur warm water   | °C                                               | 46,9     | 44,3                                                                                       | 46,9                        | 44,3                        | 46,9                        | 44,3                        |                             |
|                                                | Stand-by vermogen ingang           | W                                                | 54,3     | 46,0                                                                                       | 54,3                        | 46,0                        | 54,3                        | 46,0                        |                             |

## 2 Specificaties

### 2 - 1 Specificaties

| Technische specificaties |                                             |                            |                                                           | ETXS16P30E7 +<br>EPRA14DW17           | ETXS16P50E7 +<br>EPRA14DW17 | ETXS16P30E7 +<br>EPRA16DW17 | ETXS16P50E7 +<br>EPRA16DW17 | ETXS16P30E7 +<br>EPRA18DW17 | ETXS16P50E7 +<br>EPRA18DW17 |
|--------------------------|---------------------------------------------|----------------------------|-----------------------------------------------------------|---------------------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|
| Verwarming               | Wateruitlaat<br>gematigd<br>klimaat<br>55°C | Algemeen                   | Annual energy consumption                                 | kWh                                   |                             |                             |                             | 7,122                       |                             |
|                          |                                             |                            | η <sub>s</sub> (seizoensefficiëntie ruimteverwarming)     | %                                     |                             |                             |                             | 142                         |                             |
|                          |                                             |                            | P <sub>nominaal</sub> -10°C                               | kW                                    |                             |                             |                             | 12,5                        |                             |
|                          |                                             |                            | Q <sub>he</sub> Annual energy consumption (GCV)           | Gj                                    |                             |                             |                             | 26                          |                             |
|                          |                                             |                            | SCOP                                                      |                                       |                             |                             |                             | 3,63                        |                             |
|                          |                                             |                            | Seizoensefficiëntieklasse verwarming                      |                                       |                             |                             |                             | A++                         |                             |
|                          |                                             |                            | A-conditie C <sub>dh</sub> (reductie van verwarming)      |                                       |                             |                             |                             | 1,0                         |                             |
|                          |                                             |                            | (-7°C DB/-8°C NB) COP <sub>d</sub>                        |                                       |                             |                             |                             | 2,43                        |                             |
|                          |                                             |                            | P <sub>d</sub> h                                          | kW                                    |                             |                             |                             | 11,1                        |                             |
|                          |                                             |                            | PER <sub>d</sub>                                          | %                                     |                             |                             |                             | 97,2                        |                             |
|                          |                                             |                            | B-conditie C <sub>dh</sub> (reductie van verwarming)      |                                       |                             |                             |                             | 1,0                         |                             |
|                          |                                             |                            | (2°C DB/1°C NB) COP <sub>d</sub>                          |                                       |                             |                             |                             | 3,52                        |                             |
|                          |                                             |                            | P <sub>d</sub> h                                          | kW                                    |                             |                             |                             | 6,7                         |                             |
|                          |                                             |                            | PER <sub>d</sub>                                          | %                                     |                             |                             |                             | 140,8                       |                             |
|                          |                                             |                            | C-conditie C <sub>dh</sub> (reductie van verwarming)      |                                       |                             |                             |                             | 1,0                         |                             |
|                          |                                             |                            | (7°C DB/6°C NB) COP <sub>d</sub>                          |                                       |                             |                             |                             | 4,54                        |                             |
|                          |                                             |                            | P <sub>d</sub> h                                          | kW                                    |                             |                             |                             | 6,5                         |                             |
|                          |                                             |                            | PER <sub>d</sub>                                          | %                                     |                             |                             |                             | 181,6                       |                             |
| Verwarming               | Wateruitlaat<br>gematigd<br>klimaat<br>55°C | C-conditie (7°C DB/6°C NB) | PER <sub>d</sub>                                          | %                                     |                             |                             |                             | 181,6                       |                             |
|                          |                                             |                            | D-conditie C <sub>dh</sub> (reductie van verwarming)      |                                       |                             |                             |                             | 1,0                         |                             |
|                          |                                             |                            | (12°C DB/11°C NB) COP <sub>d</sub>                        |                                       |                             |                             |                             | 5,97                        |                             |
|                          |                                             |                            | P <sub>d</sub> h                                          | kW                                    |                             |                             |                             | 5,2                         |                             |
|                          |                                             |                            | PER <sub>d</sub>                                          | %                                     |                             |                             |                             | 238,8                       |                             |
|                          |                                             |                            | TOL (bedrijfstemperatuur) COP <sub>d</sub>                |                                       |                             |                             |                             | 2,12                        |                             |
|                          |                                             |                            | P <sub>d</sub> h                                          | kW                                    |                             |                             |                             | 12,5                        |                             |
|                          |                                             |                            | PER <sub>d</sub>                                          | %                                     |                             |                             |                             | 84,8                        |                             |
|                          |                                             |                            | TOL                                                       | °C                                    |                             |                             |                             | -10                         |                             |
|                          |                                             |                            | WTOL                                                      | °C                                    |                             |                             |                             | 55                          |                             |
|                          |                                             |                            | Extra capaciteit nominaal verwarmingsvermogen             | P <sub>sup</sub> (bij Tontwerp -10°C) | kW                          |                             |                             | 0,0                         |                             |
|                          |                                             |                            | T <sub>biv</sub> (bivalente temperatuur) COP <sub>d</sub> |                                       |                             |                             |                             | 2,12                        |                             |
|                          |                                             |                            | P <sub>d</sub> h                                          | kW                                    |                             |                             |                             | 12,5                        |                             |
|                          |                                             |                            | PER <sub>d</sub>                                          | %                                     |                             |                             |                             | 84,8                        |                             |
|                          |                                             |                            | T <sub>biv</sub>                                          | °C                                    |                             |                             |                             | -10                         |                             |
|                          | Wateruitlaat<br>koud klimaat<br>55°C        | Algemeen                   | Annual energy consumption                                 | kWh                                   |                             |                             |                             | 9,589                       |                             |
|                          |                                             |                            | η <sub>s</sub> (seizoensefficiëntie ruimteverwarming)     | %                                     |                             |                             |                             | 126                         |                             |
|                          |                                             |                            | P <sub>nominaal</sub> -22°C                               | kW                                    |                             |                             |                             | 12,5                        |                             |
|                          |                                             |                            | Q <sub>he</sub> Annual energy consumption (GCV)           | Gj                                    |                             |                             |                             | 35                          |                             |
|                          |                                             |                            | A-conditie C <sub>dh</sub> (reductie van verwarming)      |                                       |                             |                             |                             | 1,0                         |                             |
|                          |                                             |                            | (-7°C DB/-8°C NB) COP <sub>d</sub>                        |                                       |                             |                             |                             | 2,74                        |                             |
|                          |                                             |                            | P <sub>d</sub> h                                          | kW                                    |                             |                             |                             | 7,5                         |                             |
|                          |                                             |                            | PER <sub>d</sub>                                          | %                                     |                             |                             |                             | 109,6                       |                             |
|                          |                                             |                            | B-conditie C <sub>dh</sub> (reductie van verwarming)      |                                       |                             |                             |                             | 1,0                         |                             |
|                          |                                             |                            | (2°C DB/1°C NB) COP <sub>d</sub>                          |                                       |                             |                             |                             | 3,67                        |                             |
|                          |                                             |                            | P <sub>d</sub> h                                          | kW                                    |                             |                             |                             | 5,8                         |                             |
|                          |                                             |                            | PER <sub>d</sub>                                          | %                                     |                             |                             |                             | 146,8                       |                             |
|                          |                                             |                            | C-conditie C <sub>dh</sub> (reductie van verwarming)      |                                       |                             |                             |                             | 1,0                         |                             |
|                          |                                             |                            | (7°C DB/6°C NB) COP <sub>d</sub>                          |                                       |                             |                             |                             | 4,69                        |                             |
|                          |                                             |                            | P <sub>d</sub> h                                          | kW                                    |                             |                             |                             | 5,6                         |                             |
|                          |                                             |                            | PER <sub>d</sub>                                          | %                                     |                             |                             |                             | 187,6                       |                             |
|                          |                                             |                            | D-conditie COP <sub>d</sub>                               |                                       |                             |                             |                             | 6,12                        |                             |
|                          |                                             |                            | (12°C DB/11°C NB) P <sub>d</sub> h                        | kW                                    |                             |                             |                             | 6,2                         |                             |
|                          |                                             |                            | PER <sub>d</sub>                                          | %                                     |                             |                             |                             | 244,8                       |                             |
|                          |                                             |                            | TOL (bedrijfstemperatuur) COP <sub>d</sub>                |                                       |                             |                             |                             | 1,65                        |                             |
|                          |                                             |                            | P <sub>d</sub> h                                          | kW                                    |                             |                             |                             | 10,6                        |                             |
|                          |                                             |                            | PER <sub>d</sub>                                          | %                                     |                             |                             |                             | 66,0                        |                             |



## 2 Specificaties

### 2 - 1 Specificaties

| Technische specificaties                      |                                |                                           |        | ETSX16P30E7 +<br>EPRA14DW17 | ETSX16P50E7 +<br>EPRA14DW17 | ETSX16P30E7 +<br>EPRA16DW17 | ETSX16P50E7 +<br>EPRA16DW17 | ETSX16P30E7 +<br>EPRA18DW17 | ETSX16P50E7 +<br>EPRA18DW17 |
|-----------------------------------------------|--------------------------------|-------------------------------------------|--------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|
| Verwarming                                    | Wateruitlaat koud klimaat 55°C | TOL (bedrijfs-temperatuur)                | TOL °C |                             |                             |                             | -22                         |                             |                             |
|                                               |                                | WTOL                                      | °C     |                             |                             |                             | 55                          |                             |                             |
|                                               | G-conditie (-15°C DB/-)        | COPd                                      |        |                             |                             |                             | 2,17                        |                             |                             |
|                                               |                                | Pdh                                       | kW     |                             |                             |                             | 10,3                        |                             |                             |
|                                               | PERd                           |                                           | %      |                             |                             |                             | 86,8                        |                             |                             |
|                                               |                                | Tbiv                                      | °C     |                             |                             |                             | 1,90                        |                             |                             |
| (bivalente temperatuur)                       | COPd                           |                                           |        |                             |                             |                             | 11,0                        |                             |                             |
|                                               |                                | Pdh                                       | kW     |                             |                             |                             | 76,0                        |                             |                             |
|                                               | PERd                           |                                           | %      |                             |                             |                             | -18                         |                             |                             |
|                                               |                                | Tbiv                                      | °C     |                             |                             |                             | 1,9                         |                             |                             |
| Extra capaciteit nominaal verwarmingsvermogen | Psup (bij Tontwerp ~22°C)      |                                           | kW     |                             |                             |                             |                             |                             |                             |
|                                               |                                |                                           |        |                             |                             |                             |                             |                             |                             |
| Wateruitlaat warm klimaat 55°C                | Algemeen                       | Annual energy consumption                 | kWh    |                             |                             |                             | 4.316                       |                             |                             |
|                                               |                                | ηs (seizoensefficiëntie ruimteverwarming) | %      |                             |                             |                             | 172                         |                             |                             |
|                                               | Pnominaal 2°C                  |                                           | kW     |                             |                             |                             | 14,1                        |                             |                             |
|                                               |                                | Qhe Annual energy consumption (GCV)       | Gj     |                             |                             |                             | 16                          |                             |                             |
| B-conditie (2°C DB/1°C NB)                    | Cdh (reductie van verwarming)  |                                           |        |                             |                             |                             | 1,0                         |                             |                             |
|                                               |                                | COPd                                      |        |                             |                             |                             | 2,62                        |                             |                             |
|                                               | Pdh                            |                                           | kW     |                             |                             |                             | 11,4                        |                             |                             |
|                                               |                                | PERd                                      | %      |                             |                             |                             | 104,8                       |                             |                             |
| C-conditie (7°C DB/6°C NB)                    | Cdh (reductie van verwarming)  |                                           |        |                             |                             |                             | 1,0                         |                             |                             |
|                                               |                                | COPd                                      |        |                             |                             |                             | 3,78                        |                             |                             |
|                                               | Pdh                            |                                           | kW     |                             |                             |                             | 9,0                         |                             |                             |
|                                               |                                | PERd                                      | %      |                             |                             |                             | 151,2                       |                             |                             |
| D-conditie (12°C DB/11°C NB)                  | Cdh (reductie van verwarming)  |                                           |        |                             |                             |                             | 1,0                         |                             |                             |
|                                               |                                | COPd                                      |        |                             |                             |                             | 5,63                        |                             |                             |
|                                               | Pdh                            |                                           | kW     |                             |                             |                             | 5,9                         |                             |                             |
|                                               |                                | PERd                                      | %      |                             |                             |                             | 225,2                       |                             |                             |
| Tbiv (bivalente temperatuur)                  | COPd                           |                                           |        |                             |                             |                             | 3,43                        |                             |                             |
|                                               |                                | Pdh                                       | kW     |                             |                             |                             | 11,1                        |                             |                             |
|                                               | PERd                           |                                           | %      |                             |                             |                             | 137,2                       |                             |                             |
|                                               |                                | Tbiv                                      | °C     |                             |                             |                             | 5                           |                             |                             |
| Wateruitlaat 45°C                             | H-voorwaarde (-2°C)            | Max.                                      | kW     | 11,1                        |                             |                             | 11,8                        |                             |                             |
| Wateruitlaat gematigd klimaat 35°C            | Algemeen                       | Annual energy consumption                 | kWh    |                             |                             |                             | 5.366                       |                             |                             |
|                                               |                                | ηs (seizoensefficiëntie ruimteverwarming) | %      |                             |                             |                             | 190                         |                             |                             |
|                                               | Pnominaal -10°C                |                                           | kW     |                             |                             |                             | 12,5                        |                             |                             |
|                                               |                                | Qhe Annual energy consumption (GCV)       | Gj     |                             |                             |                             | 19                          |                             |                             |
|                                               | SCOP                           |                                           |        |                             |                             |                             | 4,81                        |                             |                             |
|                                               |                                | Seizoensefficiëntieklasse verwarming      |        |                             |                             |                             | A+++                        |                             |                             |

## 2 Specificaties

### 2 - 1 Specificaties

| Technische specificaties |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                                                                                                                                                                                |                                                                                          | ETXS16P30E7 +<br>EPRA14DW17                                                              | ETXS16P50E7 +<br>EPRA14DW17                                                              | ETXS16P30E7 +<br>EPRA16DW17                                                              | ETXS16P50E7 +<br>EPRA16DW17                                                              | ETXS16P30E7 +<br>EPRA18DW17                                                              | ETXS16P50E7 +<br>EPRA18DW17                                                              |
|--------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------|
| Verwarming               |  Wateruitlaat A-conditie COPd<br>gematigd (-7°C DB/-<br>klimaat 8°C NB) PdH kW<br>35°C PERd %<br>B-conditie Cdh (reductie van verwarming)<br>(2°C DB/1°C COPd<br>NB) PdH kW<br>PERd %<br>C-conditie Cdh (reductie van verwarming)<br>(7°C DB/6°C COPd<br>NB) PdH kW<br>PERd %<br>D-conditie Cdh (reductie van verwarming)<br>(12°C DB/11°C COPd<br>NB) PdH kW<br>PERd %<br>TOL (bedrijf- COPd<br>tempera- PdH kW<br>tuur) PERd %<br>TOL °C<br>WTOL °C<br>Tbiv COPd<br>(bivalente PdH kW<br>tempera- PERd %<br>tuur) Tbiv °C<br>Extra Psup (bij Tontwerp kW<br>capaciteit -10°C)<br>nominaal<br>verwar-<br>mingsver-<br>mogen | 2,97<br>10,7<br>118,8<br>1,0<br>4,94<br>6,9<br>197,6<br>1,0<br>5,95<br>6,2<br>238,0<br>1,0<br>7,07<br>5,6<br>282,8<br>2,88<br>12,1<br>115,2<br>-10<br>35<br>2,97<br>10,7<br>118,8<br>-7<br>0,4 | 7,356<br>165<br>13<br>26,5<br>3,50<br>8,0<br>140,0<br>1,0<br>5,07<br>4,9<br>202,8<br>1,0 | 7,356<br>165<br>13<br>26,5<br>3,50<br>8,0<br>140,0<br>1,0<br>5,07<br>4,9<br>202,8<br>1,0 | 7,356<br>165<br>13<br>26,5<br>3,50<br>8,0<br>140,0<br>1,0<br>5,07<br>4,9<br>202,8<br>1,0 | 7,356<br>165<br>13<br>26,5<br>3,50<br>8,0<br>140,0<br>1,0<br>5,07<br>4,9<br>202,8<br>1,0 | 7,356<br>165<br>13<br>26,5<br>3,50<br>8,0<br>140,0<br>1,0<br>5,07<br>4,9<br>202,8<br>1,0 | 7,356<br>165<br>13<br>26,5<br>3,50<br>8,0<br>140,0<br>1,0<br>5,07<br>4,9<br>202,8<br>1,0 | 7,356<br>165<br>13<br>26,5<br>3,50<br>8,0<br>140,0<br>1,0<br>5,07<br>4,9<br>202,8<br>1,0 |
|                          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                                                                                                                                                                                |                                                                                          |                                                                                          |                                                                                          |                                                                                          |                                                                                          |                                                                                          |                                                                                          |
|                          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                                                                                                                                                                                |                                                                                          |                                                                                          |                                                                                          |                                                                                          |                                                                                          |                                                                                          |                                                                                          |
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|                          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                                                                                                                                                                                |                                                                                          |                                                                                          |                                                                                          |                                                                                          |                                                                                          |                                                                                          |                                                                                          |
|                          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                                                                                                                                                                                |                                                                                          |                                                                                          |                                                                                          |                                                                                          |                                                                                          |                                                                                          |                                                                                          |
|                          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                                                                                                                                                                                |                                                                                          |                                                                                          |                                                                                          |                                                                                          |                                                                                          |                                                                                          |                                                                                          |
|                          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                                                                                                                                                                                |                                                                                          |                                                                                          |                                                                                          |                                                                                          |                                                                                          |                                                                                          |                                                                                          |
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|                          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                                                                                                                                                                                |                                                                                          |                                                                                          |                                                                                          |                                                                                          |                                                                                          |                                                                                          |                                                                                          |
|                          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                                                                                                                                                                                |                                                                                          |                                                                                          |                                                                                          |                                                                                          |                                                                                          |                                                                                          |                                                                                          |
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|                          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                                                                                                                                                                                |                                                                                          |                                                                                          |                                                                                          |                                                                                          |                                                                                          |                                                                                          |                                                                                          |
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|                          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                                                                                                                                                                                |                                                                                          |                                                                                          |                                                                                          |                                                                                          |                                                                                          |                                                                                          |                                                                                          |

## 2 Specificaties

### 2 - 1 Specificaties

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| Technische specificaties |                                |                                               |                                             | ETSX16P30E7 + EPRA14DW17 | ETSX16P50E7 + EPRA14DW17 | ETSX16P30E7 + EPRA16DW17 | ETSX16P50E7 + EPRA16DW17 | ETSX16P30E7 + EPRA18DW17 | ETSX16P50E7 + EPRA18DW17 |
|--------------------------|--------------------------------|-----------------------------------------------|---------------------------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|
| Verwarming               | Wateruitlaat koud klimaat 35°C | C-conditie                                    | COPd                                        |                          |                          |                          | 6,10                     |                          |                          |
|                          |                                |                                               | Pdh kW                                      |                          |                          |                          | 5,3                      |                          |                          |
|                          |                                |                                               | PERd %                                      |                          |                          |                          | 244,0                    |                          |                          |
|                          |                                | D-conditie (12°C DB/11°C NB)                  | Cdh (reductie van verwarming)               |                          |                          |                          | 1,0                      |                          |                          |
|                          |                                |                                               | COPd                                        |                          |                          |                          | 7,03                     |                          |                          |
|                          |                                |                                               | Pdh kW                                      |                          |                          |                          | 5,7                      |                          |                          |
|                          |                                |                                               | PERd %                                      |                          |                          |                          | 281,2                    |                          |                          |
|                          |                                | TOL (bedrijfstemperatuur)                     | COPd                                        |                          |                          |                          | 2,16                     |                          |                          |
|                          |                                |                                               | Pdh kW                                      |                          |                          |                          | 10,1                     |                          |                          |
|                          |                                |                                               | PERd %                                      |                          |                          |                          | 86,4                     |                          |                          |
|                          |                                |                                               | TOL °C                                      |                          |                          |                          | -22                      |                          |                          |
|                          |                                |                                               | WTOL °C                                     |                          |                          |                          | 35                       |                          |                          |
|                          |                                | G-conditie (-15°C DB/-)                       | COPd                                        |                          |                          |                          | 2,62                     |                          |                          |
|                          |                                |                                               | Pdh kW                                      |                          |                          |                          | 10,7                     |                          |                          |
|                          |                                |                                               | PERd %                                      |                          |                          |                          | 104,8                    |                          |                          |
|                          | Wateruitlaat warm klimaat 35°C | Tbiv (bivalente temperatuur)                  | COPd                                        |                          |                          |                          | 2,62                     |                          |                          |
|                          |                                |                                               | Pdh kW                                      |                          |                          |                          | 10,7                     |                          |                          |
|                          |                                |                                               | PERd %                                      |                          |                          |                          | 104,8                    |                          |                          |
|                          |                                |                                               | Tbiv °C                                     |                          |                          |                          | -15                      |                          |                          |
|                          |                                | Extra capaciteit nominaal verwarmingsvermogen | Psup (bij Tontwerp -22°C)                   |                          |                          |                          | 2,4                      |                          |                          |
|                          |                                |                                               | Annual energy consumption kWh               |                          |                          |                          | 2.855                    |                          |                          |
|                          |                                |                                               | ηs (seizoensefficiëntie ruimteverwarming) % |                          |                          |                          | 231                      |                          |                          |
|                          |                                |                                               | Phominaal 2°C kW                            |                          |                          |                          | 12,5                     |                          |                          |
|                          |                                |                                               | Qhe Annual energy consumption (GCV) GJ      |                          |                          |                          | 10                       |                          |                          |
|                          |                                | B-conditie (2°C DB/1°C NB)                    | Cdh (reductie van verwarming)               |                          |                          |                          | 1,0                      |                          |                          |
|                          |                                |                                               | COPd                                        |                          |                          |                          | 3,51                     |                          |                          |
|                          |                                |                                               | Pdh kW                                      |                          |                          |                          | 10,0                     |                          |                          |
|                          |                                |                                               | PERd %                                      |                          |                          |                          | 140,4                    |                          |                          |
|                          |                                | C-conditie (7°C DB/6°C NB)                    | Cdh (reductie van verwarming)               |                          |                          |                          | 1,0                      |                          |                          |
|                          |                                |                                               | COPd                                        |                          |                          |                          | 5,67                     |                          |                          |
|                          |                                |                                               | Pdh kW                                      |                          |                          |                          | 8,3                      |                          |                          |
|                          |                                |                                               | PERd %                                      |                          |                          |                          | 226,8                    |                          |                          |
|                          |                                | Tbiv (bivalente temperatuur)                  | COPd                                        |                          |                          |                          | 4,96                     |                          |                          |
|                          |                                |                                               | Pdh kW                                      |                          |                          |                          | 9,8                      |                          |                          |
|                          |                                |                                               | PERd %                                      |                          |                          |                          | 198,4                    |                          |                          |
|                          |                                |                                               | Tbiv °C                                     |                          |                          |                          | 5                        |                          |                          |
|                          |                                | D-conditie (12°C DB/11°C NB)                  | Cdh (reductie van verwarming)               |                          |                          |                          | 1,0                      |                          |                          |
|                          |                                |                                               |                                             |                          |                          |                          |                          |                          |                          |
| Verwarming               | Wateruitlaat warm klimaat 35°C | D-conditie (12°C DB/11°C NB)                  | COPd                                        |                          |                          |                          | 7,04                     |                          |                          |
|                          |                                |                                               | Pdh kW                                      |                          |                          |                          | 5,7                      |                          |                          |
|                          |                                |                                               | PERd %                                      |                          |                          |                          | 281,6                    |                          |                          |

(1)Capaciteit overeenkomstig norm EN14511 en geldt voor een verwarmd waterbereik met dT = 3~8°C at Ta 7°C |

(2)Voorwaarde: Ta DB/NB 7°C/6°C - LWLC 35°C (DT = 5°C) |

(3)Koelen: EW 23°C; LW 18°C; omgevingsomstandigheden: 35°CDB |

(4)Koelen: EW 12,8°C; LW 7°C; omgevingsomstandigheden: 35°CDB |

(5)Het opgenomen vermogen is het totaal van binnen- en buitenunits, met inbegrip van de circulatiepomp; overeenkomstig EN14511

| Technische specificaties   |                  |           |            | ETSXB16P30E7 + EPRA14DW17     | ETSXB16P50E7 + EPRA14DW17 | ETSXB16P30E7 + EPRA16DW17 | ETSXB16P50E7 + EPRA16DW17 | ETSXB16P30E7 + EPRA18DW17 | ETSXB16P50E7 + EPRA18DW17 |
|----------------------------|------------------|-----------|------------|-------------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|
| Verwarmingscapaciteit      | Min.             | kW        |            | 3,70 (1)                      |                           | 3,96 (1)                  |                           | 4,40 (1)                  |                           |
|                            |                  |           | Nom.       | 5,90 (2)                      |                           |                           | 9,00 (2)                  |                           |                           |
|                            |                  |           | Max.       | 9,75 (1)                      |                           | 10,44 (1)                 |                           | 11,60 (1)                 |                           |
| Koelvermogen               | Nom.             | kW        |            | 10,6 (3) / 6,90 (4)           |                           | 11,5 (3) / 7,88 (4)       |                           | 12,5 (3) / 8,86 (4)       |                           |
| Opgenomen vermogen         | Verwarmen        | Min.      | kW         | 0,84 (5)                      |                           | 0,90 (5)                  |                           | 1,00 (5)                  |                           |
|                            |                  | Nom.      | kW         | 1,23 (2)                      |                           |                           | 1,80 (2)                  |                           |                           |
|                            | Koelen           | Max.      | kW         | 2,17 (5)                      |                           | 2,32 (5)                  |                           | 2,58 (5)                  |                           |
|                            |                  | Nom.      | kW         | 2,55 (3) / 2,56 (4)           |                           | 2,80 (3) / 2,93 (4)       |                           | 3,05 (3) / 3,31 (4)       |                           |
| COP                        |                  |           |            | 4,79 (2)                      |                           |                           | 5,00 (2)                  |                           |                           |
| EER                        |                  |           |            | 4,13 (3) / 2,70 (4)           |                           | 4,11 (3) / 2,69 (4)       |                           | 4,09 (3) / 2,68 (4)       |                           |
| Pomp                       | Type             |           |            | Grundfos UPMXL 20-125 CHBL RT |                           |                           |                           |                           |                           |
| Warmtewisselaar waterzijde | Waterhoeveelheid | Verwarmen | Nom. l/min | 16,9 (2)                      |                           |                           | 25,8 (2)                  |                           |                           |

## 2 Specificaties

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| Technische specificaties                  |                                                |                                                  |                                | ETSB16P30E7<br>+ EPRA14DW17                                                                | ETSB16P50E7<br>+ EPRA14DW17 | ETSB16P30E7<br>+ EPRA16DW17 | ETSB16P50E7<br>+ EPRA16DW17 | ETSB16P30E7<br>+ EPRA18DW17 | ETSB16P50E7<br>+ EPRA18DW17 |       |
|-------------------------------------------|------------------------------------------------|--------------------------------------------------|--------------------------------|--------------------------------------------------------------------------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|-------|
| General                                   | Gegevens van leverancier/fabrikant             | Naam en adres                                    |                                | Daikin Europe N.V. - Zandvoordestraat 300, 8400 Oostende, Belgium                          |                             |                             |                             |                             |                             |       |
|                                           |                                                | Naam of handelsmerk                              |                                | Daikin Europe N.V.                                                                         |                             |                             |                             |                             |                             |       |
|                                           | Product description                            | Lucht/water-warmtepomp                           |                                | Ja                                                                                         |                             |                             |                             |                             |                             |       |
|                                           |                                                | Glycol/water-warmtepomp                          |                                | Nee                                                                                        |                             |                             |                             |                             |                             |       |
|                                           |                                                | Verwarming combinatie warmtepomp                 |                                | Ja                                                                                         |                             |                             |                             |                             |                             |       |
|                                           |                                                | Lagetemperatuurswarmtepomp                       |                                | Nee                                                                                        |                             |                             |                             |                             |                             |       |
|                                           |                                                | Ingebouwde hulpverwarming                        |                                | Nee                                                                                        |                             |                             |                             |                             |                             |       |
|                                           |                                                | Water/water-warmtepomp                           |                                | Nee                                                                                        |                             |                             |                             |                             |                             |       |
|                                           | LW(A) geluidsvermogensniveau (volgens EN14825) | Binnen                                           | dB(A)                          | 45,6                                                                                       |                             |                             |                             |                             |                             |       |
|                                           | LW(A) Sound power level (according to EN14825) | Outdoor                                          | dB(A)                          | 54,0                                                                                       |                             |                             |                             |                             |                             |       |
| Ecodesign geluidsconditie en energielabel |                                                |                                                  |                                | Geluidsvermogen in verwarmingsmodus, gemeten volgens EN12102 onder voorwaarden van EN14825 |                             |                             |                             |                             |                             |       |
| Algemene verwarming                       | Lucht/water-unit                               | Nominale luchthoeveelheid (buiten)               | m³/h                           | 3.918                                                                                      |                             |                             |                             | 3.960                       |                             |       |
|                                           | Andere                                         | Capacity control                                 |                                | Inverter                                                                                   |                             |                             |                             |                             |                             |       |
|                                           |                                                | Pck (carterverwarming aan)                       | kW                             | 0,000                                                                                      |                             |                             |                             |                             |                             |       |
|                                           |                                                | Poff (uitgeschakelde stand)                      | kW                             | 0,031                                                                                      |                             |                             |                             |                             |                             |       |
|                                           |                                                | Psb (in stand-by)                                | kW                             | 0,042                                                                                      |                             |                             |                             |                             |                             |       |
|                                           |                                                | Pto (thermostaat uit)                            | kW                             | 0,033                                                                                      |                             |                             |                             |                             |                             |       |
| Sanitair warm water                       | Algemeen                                       | Aangegevens belastingprofiel                     |                                | L                                                                                          | XL                          | L                           | XL                          | L                           | XL                          |       |
|                                           |                                                | Functie voor verwarmen van water tijdens daluren |                                | Nee                                                                                        |                             |                             |                             |                             |                             |       |
|                                           | Gematigd klimaat                               | AEC (jaarlijks stroomverbruik)                   | kWh                            | 816                                                                                        | 1.326                       | 816                         | 1.326                       | 816                         | 1.326                       |       |
|                                           |                                                | COPdhw                                           |                                | 2,89                                                                                       | 3,03                        | 2,89                        | 3,03                        | 2,89                        | 3,03                        |       |
|                                           |                                                | Heat up time                                     |                                | 1u 36min                                                                                   | 1u 55min                    | 1u 36min                    | 1u 55min                    | 1u 36min                    | 1u 55min                    |       |
|                                           |                                                | Gemengd water aan 40°C                           | l                              | 193,0                                                                                      | 245,0                       | 193,0                       | 245,0                       | 193,0                       | 245,0                       |       |
|                                           |                                                | ηwh (waterverwarmingsrendement)                  | %                              | 126                                                                                        |                             |                             |                             |                             |                             |       |
| Sanitair warm water                       | Gematigd klimaat                               | Qelec (dagelijks stroomverbruik)                 | kWh                            | 4,032                                                                                      | 7,294                       | 4,032                       | 7,294                       | 4,032                       | 7,294                       |       |
|                                           |                                                | Referentietemperatuur warm water                 | °C                             | 47,0                                                                                       | 44,4                        | 47,0                        | 44,4                        | 47,0                        | 44,4                        |       |
|                                           |                                                | Stand-by vermogen ingang                         | W                              | 57,2                                                                                       | 46,3                        | 57,2                        | 46,3                        | 57,2                        | 46,3                        |       |
|                                           |                                                | Energierendementsklasse waterverwarming          |                                | A+                                                                                         |                             |                             |                             |                             |                             |       |
|                                           |                                                | Koud klimaat                                     | AEC (jaarlijks stroomverbruik) | kWh                                                                                        | 1.110                       | 1.512                       | 1.110                       | 1.512                       | 1.110                       | 1.512 |
|                                           | COPdhw                                         |                                                  |                                | 2,16                                                                                       | 2,67                        | 2,16                        | 2,67                        | 2,16                        | 2,67                        |       |
|                                           | Heat up time                                   |                                                  |                                | 1u 30min                                                                                   | 1u 55min                    | 1u 30min                    | 1u 55min                    | 1u 30min                    | 1u 55min                    |       |
|                                           | Gemengd water aan 40°C                         |                                                  | l                              | 159,0                                                                                      | 243,0                       | 159,0                       | 243,0                       | 159,0                       | 243,0                       |       |
|                                           | ηwh (waterverwarmingsrendement)                |                                                  | %                              | 93                                                                                         | 111                         | 93                          | 111                         | 93                          | 111                         |       |
|                                           | Qelec (dagelijks stroomverbruik)               |                                                  | kWh                            | 5,401                                                                                      | 7,150                       | 5,401                       | 7,150                       | 5,401                       | 7,150                       |       |
|                                           | Referentietemperatuur warm water               |                                                  | °C                             | 45,4                                                                                       | 44,3                        | 45,4                        | 44,3                        | 45,4                        | 44,3                        |       |
|                                           | Stand-by vermogen ingang                       |                                                  | W                              | 62,9                                                                                       | 48,4                        | 62,9                        | 48,4                        | 62,9                        | 48,4                        |       |
|                                           | Warm klimaat                                   |                                                  | AEC (jaarlijks stroomverbruik) | kWh                                                                                        | 689                         | 1.142                       | 689                         | 1.142                       | 689                         | 1.142 |
|                                           |                                                |                                                  | COPdhw                         |                                                                                            | 3,39                        | 3,50                        | 3,39                        | 3,50                        | 3,39                        | 3,50  |
|                                           |                                                | Heat up time                                     |                                | 1u 50min                                                                                   | 2u 18min                    | 1u 50min                    | 2u 18min                    | 1u 50min                    | 2u 18min                    |       |
|                                           |                                                | Gemengd water aan 40°C                           | l                              | 191,0                                                                                      | 240,0                       | 191,0                       | 240,0                       | 191,0                       | 240,0                       |       |
|                                           |                                                | ηwh (waterverwarmingsrendement)                  | %                              | 149                                                                                        | 147                         | 149                         | 147                         | 149                         | 147                         |       |
|                                           |                                                | Qelec (dagelijks stroomverbruik)                 | kWh                            | 3,436                                                                                      | 5,455                       | 3,436                       | 5,455                       | 3,436                       | 5,455                       |       |
|                                           |                                                | Referentietemperatuur warm water                 | °C                             | 46,9                                                                                       | 44,3                        | 46,9                        | 44,3                        | 46,9                        | 44,3                        |       |
|                                           |                                                | Stand-by vermogen ingang                         | W                              | 54,3                                                                                       | 46,0                        | 54,3                        | 46,0                        | 54,3                        | 46,0                        |       |

## 2 Specificaties

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| Technische specificaties |                                             |                            |                                                           | ETSB16P30E7<br>+ EPRA14DW17           | ETSB16P50E7<br>+ EPRA14DW17 | ETSB16P30E7<br>+ EPRA16DW17 | ETSB16P50E7<br>+ EPRA16DW17 | ETSB16P30E7<br>+ EPRA18DW17 | ETSB16P50E7<br>+ EPRA18DW17 |
|--------------------------|---------------------------------------------|----------------------------|-----------------------------------------------------------|---------------------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|
| Verwarming               | Wateruitlaat<br>gematigd<br>klimaat<br>55°C | Algemeen                   | Annual energy consumption                                 | kWh                                   |                             |                             | 7,122                       |                             |                             |
|                          |                                             |                            | η <sub>s</sub> (seizoensefficiëntie ruimteverwarming)     | %                                     |                             |                             | 142                         |                             |                             |
|                          |                                             |                            | P <sub>nominaal</sub> -10°C                               | kW                                    |                             |                             | 12,5                        |                             |                             |
|                          |                                             |                            | Q <sub>he</sub> Annual energy consumption (GCV)           | Gj                                    |                             |                             | 26                          |                             |                             |
|                          |                                             |                            | SCOP                                                      |                                       |                             |                             | 3,63                        |                             |                             |
|                          |                                             |                            | Seizoensefficiëntieklasse verwarming                      |                                       |                             |                             | A++                         |                             |                             |
|                          |                                             |                            | A-conditie C <sub>dh</sub> (reductie van verwarming)      |                                       |                             |                             | 1,0                         |                             |                             |
|                          |                                             |                            | (-7°C DB/-8°C NB) COP <sub>d</sub>                        |                                       |                             |                             | 2,43                        |                             |                             |
|                          |                                             |                            | P <sub>d</sub> h                                          | kW                                    |                             |                             | 11,1                        |                             |                             |
|                          |                                             |                            | PER <sub>d</sub>                                          | %                                     |                             |                             | 97,2                        |                             |                             |
|                          |                                             |                            | B-conditie C <sub>dh</sub> (reductie van verwarming)      |                                       |                             |                             | 1,0                         |                             |                             |
|                          |                                             |                            | (2°C DB/1°C NB) COP <sub>d</sub>                          |                                       |                             |                             | 3,52                        |                             |                             |
|                          |                                             |                            | P <sub>d</sub> h                                          | kW                                    |                             |                             | 6,7                         |                             |                             |
|                          |                                             |                            | PER <sub>d</sub>                                          | %                                     |                             |                             | 140,8                       |                             |                             |
|                          |                                             |                            | C-conditie C <sub>dh</sub> (reductie van verwarming)      |                                       |                             |                             | 1,0                         |                             |                             |
|                          |                                             |                            | (7°C DB/6°C NB) COP <sub>d</sub>                          |                                       |                             |                             | 4,54                        |                             |                             |
|                          |                                             |                            | P <sub>d</sub> h                                          | kW                                    |                             |                             | 6,5                         |                             |                             |
|                          |                                             |                            | PER <sub>d</sub>                                          | %                                     |                             |                             | 181,6                       |                             |                             |
| Verwarming               | Wateruitlaat<br>gematigd<br>klimaat<br>55°C | C-conditie (7°C DB/6°C NB) | PER <sub>d</sub>                                          | %                                     |                             |                             | 181,6                       |                             |                             |
|                          |                                             |                            | D-conditie C <sub>dh</sub> (reductie van verwarming)      |                                       |                             |                             | 1,0                         |                             |                             |
|                          |                                             |                            | (12°C DB/11°C NB) COP <sub>d</sub>                        |                                       |                             |                             | 5,97                        |                             |                             |
|                          |                                             |                            | P <sub>d</sub> h                                          | kW                                    |                             |                             | 5,2                         |                             |                             |
|                          |                                             |                            | PER <sub>d</sub>                                          | %                                     |                             |                             | 238,8                       |                             |                             |
|                          |                                             |                            | TOL (bedrijfsstemperatuur) COP <sub>d</sub>               |                                       |                             |                             | 2,12                        |                             |                             |
|                          |                                             |                            | P <sub>d</sub> h                                          | kW                                    |                             |                             | 12,5                        |                             |                             |
|                          |                                             |                            | PER <sub>d</sub>                                          | %                                     |                             |                             | 84,8                        |                             |                             |
|                          |                                             |                            | TOL                                                       | °C                                    |                             |                             | -10                         |                             |                             |
|                          |                                             |                            | WTOL                                                      | °C                                    |                             |                             | 55                          |                             |                             |
|                          |                                             |                            | Extra capaciteit nominaal verwarmingsvermogen             | P <sub>sup</sub> (bij Tontwerp -10°C) | kW                          |                             | 0,0                         |                             |                             |
|                          |                                             |                            | T <sub>biv</sub> (bivalente temperatuur) COP <sub>d</sub> |                                       |                             |                             | 2,12                        |                             |                             |
|                          |                                             |                            | P <sub>d</sub> h                                          | kW                                    |                             |                             | 12,5                        |                             |                             |
|                          |                                             |                            | PER <sub>d</sub>                                          | %                                     |                             |                             | 84,8                        |                             |                             |
|                          |                                             |                            | T <sub>biv</sub>                                          | °C                                    |                             |                             | -10                         |                             |                             |
|                          | Wateruitlaat<br>koud klimaat<br>55°C        | Algemeen                   | Annual energy consumption                                 | kWh                                   |                             |                             | 9,589                       |                             |                             |
|                          |                                             |                            | η <sub>s</sub> (seizoensefficiëntie ruimteverwarming)     | %                                     |                             |                             | 126                         |                             |                             |
|                          |                                             |                            | P <sub>nominaal</sub> -22°C                               | kW                                    |                             |                             | 12,5                        |                             |                             |
|                          |                                             |                            | Q <sub>he</sub> Annual energy consumption (GCV)           | Gj                                    |                             |                             | 35                          |                             |                             |
|                          |                                             |                            | A-conditie C <sub>dh</sub> (reductie van verwarming)      |                                       |                             |                             | 1,0                         |                             |                             |
|                          |                                             |                            | (-7°C DB/-8°C NB) COP <sub>d</sub>                        |                                       |                             |                             | 2,74                        |                             |                             |
|                          |                                             |                            | P <sub>d</sub> h                                          | kW                                    |                             |                             | 7,5                         |                             |                             |
|                          |                                             |                            | PER <sub>d</sub>                                          | %                                     |                             |                             | 109,6                       |                             |                             |
|                          |                                             |                            | B-conditie C <sub>dh</sub> (reductie van verwarming)      |                                       |                             |                             | 1,0                         |                             |                             |
|                          |                                             |                            | (2°C DB/1°C NB) COP <sub>d</sub>                          |                                       |                             |                             | 3,67                        |                             |                             |
|                          |                                             |                            | P <sub>d</sub> h                                          | kW                                    |                             |                             | 5,8                         |                             |                             |
|                          |                                             |                            | PER <sub>d</sub>                                          | %                                     |                             |                             | 146,8                       |                             |                             |
|                          |                                             |                            | C-conditie C <sub>dh</sub> (reductie van verwarming)      |                                       |                             |                             | 1,0                         |                             |                             |
|                          |                                             |                            | (7°C DB/6°C NB) COP <sub>d</sub>                          |                                       |                             |                             | 4,69                        |                             |                             |
|                          |                                             |                            | P <sub>d</sub> h                                          | kW                                    |                             |                             | 5,6                         |                             |                             |
|                          |                                             |                            | PER <sub>d</sub>                                          | %                                     |                             |                             | 187,6                       |                             |                             |
|                          |                                             |                            | D-conditie COP <sub>d</sub>                               |                                       |                             |                             | 6,12                        |                             |                             |
|                          |                                             |                            | (12°C DB/11°C NB) P <sub>d</sub> h                        | kW                                    |                             |                             | 6,2                         |                             |                             |
|                          |                                             |                            | PER <sub>d</sub>                                          | %                                     |                             |                             | 244,8                       |                             |                             |
|                          |                                             |                            | TOL (bedrijfsstemperatuur) COP <sub>d</sub>               |                                       |                             |                             | 1,65                        |                             |                             |
|                          |                                             |                            | P <sub>d</sub> h                                          | kW                                    |                             |                             | 10,6                        |                             |                             |
|                          |                                             |                            | PER <sub>d</sub>                                          | %                                     |                             |                             | 66,0                        |                             |                             |

## 2 Specificaties

### 2 - 1 Specificaties

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| Technische specificaties |                                             |                                                                  |                                              | ETSXB16P30E7<br>+ EPRA14DW17 | ETSXB16P50E7<br>+ EPRA14DW17 | ETSXB16P30E7<br>+ EPRA16DW17 | ETSXB16P50E7<br>+ EPRA16DW17 | ETSXB16P30E7<br>+ EPRA18DW17 | ETSXB16P50E7<br>+ EPRA18DW17 |
|--------------------------|---------------------------------------------|------------------------------------------------------------------|----------------------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|
| Verwarming               | Wateruitlaat<br>koud klimaat<br>55°C        | TOL (bedrijf-<br>tempera-<br>tuur)                               | TOL<br>WTOL                                  | °C                           |                              |                              | -22                          |                              |                              |
|                          |                                             |                                                                  |                                              | °C                           |                              |                              | 55                           |                              |                              |
|                          |                                             | G-conditie<br>(-15°C DB/-)                                       | COPd                                         |                              |                              |                              | 2,17                         |                              |                              |
|                          |                                             |                                                                  | Pdh                                          | kW                           |                              |                              | 10,3                         |                              |                              |
|                          |                                             |                                                                  | PERd                                         | %                            |                              |                              | 86,8                         |                              |                              |
|                          |                                             | Tbiv                                                             | COPd                                         |                              |                              |                              | 1,90                         |                              |                              |
|                          |                                             | (bivalente<br>tempera-<br>tuur)                                  | Pdh                                          | kW                           |                              |                              | 11,0                         |                              |                              |
|                          |                                             |                                                                  | PERd                                         | %                            |                              |                              | 76,0                         |                              |                              |
|                          |                                             |                                                                  | Tbiv                                         | °C                           |                              |                              | -18                          |                              |                              |
|                          |                                             | Extra<br>capaciteit<br>nominaal<br>verwar-<br>mingsver-<br>mogen | Psup (bij Tontwerp<br>-22°C)                 | kW                           |                              |                              | 1,9                          |                              |                              |
|                          | Wateruitlaat<br>warm<br>klimaat<br>55°C     | Algemeen                                                         | Annual energy<br>consumption                 | kWh                          |                              |                              | 4.316                        |                              |                              |
|                          |                                             |                                                                  | ηs (seizoensefficiëntie<br>ruimteverwarming) | %                            |                              |                              | 172                          |                              |                              |
|                          |                                             |                                                                  | Pnominaal 2°C                                | kW                           |                              |                              | 14,1                         |                              |                              |
|                          |                                             |                                                                  | Qhe Annual energy<br>consumption (GCV)       | Gj                           |                              |                              | 16                           |                              |                              |
|                          |                                             |                                                                  |                                              |                              |                              |                              |                              |                              |                              |
|                          |                                             | B-conditie<br>(2°C DB/1°C<br>NB)                                 | Cdh (reductie van verwarming)                |                              |                              |                              | 1,0                          |                              |                              |
|                          |                                             |                                                                  | COPd                                         |                              |                              |                              | 2,62                         |                              |                              |
|                          |                                             |                                                                  | Pdh                                          | kW                           |                              |                              | 11,4                         |                              |                              |
|                          |                                             |                                                                  | PERd                                         | %                            |                              |                              | 104,8                        |                              |                              |
|                          |                                             | C-conditie<br>(7°C DB/6°C<br>NB)                                 | Cdh (reductie van verwarming)                |                              |                              |                              | 1,0                          |                              |                              |
|                          |                                             |                                                                  | COPd                                         |                              |                              |                              | 3,78                         |                              |                              |
|                          |                                             |                                                                  | Pdh                                          | kW                           |                              |                              | 9,0                          |                              |                              |
|                          |                                             |                                                                  | PERd                                         | %                            |                              |                              | 151,2                        |                              |                              |
|                          |                                             | D-conditie<br>(12°C DB/11°C<br>NB)                               | Cdh (reductie van verwarming)                |                              |                              |                              | 1,0                          |                              |                              |
|                          |                                             |                                                                  | COPd                                         |                              |                              |                              | 5,63                         |                              |                              |
|                          |                                             |                                                                  | Pdh                                          | kW                           |                              |                              | 5,9                          |                              |                              |
|                          |                                             |                                                                  | PERd                                         | %                            |                              |                              | 225,2                        |                              |                              |
|                          |                                             | Tbiv<br>(bivalente<br>tempera-<br>tuur)                          | COPd                                         |                              |                              |                              | 3,43                         |                              |                              |
|                          |                                             |                                                                  | Pdh                                          | kW                           |                              |                              | 11,1                         |                              |                              |
|                          |                                             |                                                                  | PERd                                         | %                            |                              |                              | 137,2                        |                              |                              |
|                          |                                             |                                                                  | Tbiv                                         | °C                           |                              |                              | 5                            |                              |                              |
| Verwarming               | Wateruitlaat<br>45°C                        | H-voorwaar-<br>de (-2°C)                                         | Max.                                         | kW                           | 11,1                         |                              |                              | 11,8                         |                              |
|                          | Wateruitlaat<br>gematigd<br>klimaat<br>35°C | Algemeen                                                         | Annual energy<br>consumption                 | kWh                          |                              |                              | 5.366                        |                              |                              |
|                          |                                             |                                                                  | ηs (seizoensefficiëntie<br>ruimteverwarming) | %                            |                              |                              | 190                          |                              |                              |
|                          |                                             |                                                                  | Pnominaal -10°C                              | kW                           |                              |                              | 12,5                         |                              |                              |
|                          |                                             |                                                                  | Qhe Annual energy<br>consumption (GCV)       | Gj                           |                              |                              | 19                           |                              |                              |
|                          |                                             |                                                                  | SCOP                                         |                              |                              |                              | 4,81                         |                              |                              |
|                          |                                             |                                                                  | Seizoensefficiëntieklasse<br>verwarming      |                              |                              |                              | A+++                         |                              |                              |
|                          |                                             |                                                                  |                                              |                              |                              |                              |                              |                              |                              |

## 2 Specificaties

### 2 - 1 Specificaties

| Technische specificaties                                                                                           |                                                                  |                                         |                                              | ETSXB16P30E7<br>+ EPRA14DW17 | ETSXB16P50E7<br>+ EPRA14DW17 | ETSXB16P30E7<br>+ EPRA16DW17 | ETSXB16P50E7<br>+ EPRA16DW17 | ETSXB16P30E7<br>+ EPRA18DW17 | ETSXB16P50E7<br>+ EPRA18DW17 |
|--------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------|-----------------------------------------|----------------------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|
| <div>Verwarming</div> <div></div> | Wateruitlaat<br>gematigd<br>klimaat<br>35°C                      | A-conditie<br>(-7°C DB/-<br>8°C NB)     | COPd                                         |                              |                              |                              | 2,97                         |                              |                              |
|                                                                                                                    |                                                                  |                                         | Pdh                                          | kW                           |                              |                              | 10,7                         |                              |                              |
|                                                                                                                    |                                                                  |                                         | PERd                                         | %                            |                              |                              | 118,8                        |                              |                              |
|                                                                                                                    |                                                                  | B-conditie<br>(2°C DB/1°C<br>NB)        | Cdh (reductie van verwarming)                |                              |                              | 1,0                          |                              |                              |                              |
|                                                                                                                    |                                                                  |                                         | COPd                                         |                              |                              | 4,94                         |                              |                              |                              |
|                                                                                                                    |                                                                  |                                         | Pdh                                          | kW                           |                              | 6,9                          |                              |                              |                              |
|                                                                                                                    |                                                                  | PERd                                    | %                                            |                              | 197,6                        |                              |                              |                              |                              |
|                                                                                                                    |                                                                  | C-conditie<br>(7°C DB/6°C<br>NB)        | Cdh (reductie van verwarming)                |                              |                              | 1,0                          |                              |                              |                              |
|                                                                                                                    |                                                                  |                                         | COPd                                         |                              |                              | 5,95                         |                              |                              |                              |
|                                                                                                                    |                                                                  |                                         | Pdh                                          | kW                           |                              | 6,2                          |                              |                              |                              |
|                                                                                                                    |                                                                  | PERd                                    | %                                            |                              | 238,0                        |                              |                              |                              |                              |
|                                                                                                                    |                                                                  | D-conditie<br>(12°C DB/11°C<br>NB)      | Cdh (reductie van verwarming)                |                              |                              | 1,0                          |                              |                              |                              |
|                                                                                                                    |                                                                  |                                         | COPd                                         |                              |                              | 7,07                         |                              |                              |                              |
|                                                                                                                    |                                                                  |                                         | Pdh                                          | kW                           |                              | 5,6                          |                              |                              |                              |
|                                                                                                                    |                                                                  | PERd                                    | %                                            |                              | 282,8                        |                              |                              |                              |                              |
|                                                                                                                    |                                                                  | TOL (bedrijf-<br>stempera-<br>tuur)     | COPd                                         |                              |                              | 2,88                         |                              |                              |                              |
|                                                                                                                    |                                                                  |                                         | Pdh                                          | kW                           |                              | 12,1                         |                              |                              |                              |
|                                                                                                                    |                                                                  |                                         | PERd                                         | %                            |                              | 115,2                        |                              |                              |                              |
|                                                                                                                    |                                                                  |                                         | TOL                                          | °C                           |                              | -10                          |                              |                              |                              |
|                                                                                                                    |                                                                  | WTOL                                    | °C                                           |                              | 35                           |                              |                              |                              |                              |
|                                                                                                                    |                                                                  | Tbiv<br>(bivalente<br>tempera-<br>tuur) | COPd                                         |                              |                              | 2,97                         |                              |                              |                              |
|                                                                                                                    |                                                                  |                                         | Pdh                                          | kW                           |                              | 10,7                         |                              |                              |                              |
|                                                                                                                    |                                                                  |                                         | PERd                                         | %                            |                              | 118,8                        |                              |                              |                              |
|                                                                                                                    |                                                                  |                                         | Tbiv                                         | °C                           |                              | -7                           |                              |                              |                              |
|                                                                                                                    | Extra<br>capaciteit<br>nominaal<br>verwar-<br>mingsver-<br>mogen | Psup (bij Tontwerp<br>-10°C)            | kW                                           |                              | 0,4                          |                              |                              |                              |                              |
|                                                                                                                    | Wateruitlaat<br>koud klimaat<br>35°C                             | Algemeen                                | Annual energy consumption                    | kWh                          |                              |                              | 7.356                        |                              |                              |
|                                                                                                                    |                                                                  |                                         | ηs (seizoensefficiëntie<br>ruimteverwarming) | %                            |                              |                              | 165                          |                              |                              |
|                                                                                                                    |                                                                  |                                         | Pnominaal -22°C                              | kW                           |                              |                              | 13                           |                              |                              |
|                                                                                                                    |                                                                  |                                         | Qhe jaarl. energiever-<br>bruik (GCV)        | Gj                           |                              |                              | 26,5                         |                              |                              |
|                                                                                                                    |                                                                  | A Condition<br>(-7°C D-<br>B/-8°C WB)   | COPd                                         |                              |                              | 3,50                         |                              |                              |                              |
| Pdh                                                                                                                |                                                                  |                                         | kW                                           |                              | 8,0                          |                              |                              |                              |                              |
| PERd                                                                                                               |                                                                  |                                         | %                                            |                              | 140,0                        |                              |                              |                              |                              |
| B Condition<br>(2°C D-<br>B/1°C WB)                                                                                |                                                                  | Cdh (reductie van verwarming)           |                                              |                              | 1,0                          |                              |                              |                              |                              |
|                                                                                                                    |                                                                  | COPd                                    |                                              |                              | 5,07                         |                              |                              |                              |                              |
|                                                                                                                    |                                                                  | Pdh                                     | kW                                           |                              | 4,9                          |                              |                              |                              |                              |
| PERd                                                                                                               |                                                                  | %                                       |                                              | 202,8                        |                              |                              |                              |                              |                              |
| C-conditie<br>(7°C DB/6°C<br>NB)                                                                                   |                                                                  | Cdh (reductie van verwarming)           |                                              |                              | 1,0                          |                              |                              |                              |                              |

## 2 Specificaties

### 2 - 1 Specificaties

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| Technische specificaties |                                        |                                                                  |                                                | ETXSB16P30E7<br>+ EPRA14DW17 | ETXSB16P50E7<br>+ EPRA14DW17 | ETXSB16P30E7<br>+ EPRA16DW17 | ETXSB16P50E7<br>+ EPRA16DW17 | ETXSB16P30E7<br>+ EPRA18DW17 | ETXSB16P50E7<br>+ EPRA18DW17 |
|--------------------------|----------------------------------------|------------------------------------------------------------------|------------------------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|
| Verwarming               | Wateruitlaat<br>koud klimaat<br>35°C   | C-conditie<br>(7°C DB/6°C<br>NB)                                 | COPd                                           |                              |                              |                              | 6,10                         |                              |                              |
|                          |                                        |                                                                  | Pdh kW                                         |                              |                              |                              | 5,3                          |                              |                              |
|                          |                                        |                                                                  | PERd %                                         |                              |                              |                              | 244,0                        |                              |                              |
|                          |                                        | D-conditie<br>(12°C DB/11°C<br>NB)                               | Cdh (reductie van verwarming)                  |                              |                              |                              | 1,0                          |                              |                              |
|                          |                                        |                                                                  | COPd                                           |                              |                              |                              | 7,03                         |                              |                              |
|                          |                                        |                                                                  | Pdh kW                                         |                              |                              |                              | 5,7                          |                              |                              |
|                          |                                        |                                                                  | PERd %                                         |                              |                              |                              | 281,2                        |                              |                              |
|                          |                                        | TOL (bedrijf-<br>stempera-<br>tuur)                              | COPd                                           |                              |                              |                              | 2,16                         |                              |                              |
|                          |                                        |                                                                  | Pdh kW                                         |                              |                              |                              | 10,1                         |                              |                              |
|                          |                                        |                                                                  | PERd %                                         |                              |                              |                              | 86,4                         |                              |                              |
|                          |                                        |                                                                  | TOL °C                                         |                              |                              |                              | -22                          |                              |                              |
|                          |                                        |                                                                  | WTOL °C                                        |                              |                              |                              | 35                           |                              |                              |
|                          | Wateruitlaat<br>warm kli-<br>maat 35°C | G-conditie<br>(-15°C DB/-)                                       | COPd                                           |                              |                              |                              | 2,62                         |                              |                              |
|                          |                                        |                                                                  | Pdh kW                                         |                              |                              |                              | 10,7                         |                              |                              |
|                          |                                        |                                                                  | PERd %                                         |                              |                              |                              | 104,8                        |                              |                              |
|                          |                                        | Tbiv<br>(bivalente<br>tempera-<br>tuur)                          | COPd                                           |                              |                              |                              | 2,62                         |                              |                              |
|                          |                                        |                                                                  | Pdh kW                                         |                              |                              |                              | 10,7                         |                              |                              |
|                          |                                        |                                                                  | PERd %                                         |                              |                              |                              | 104,8                        |                              |                              |
|                          |                                        |                                                                  | Tbiv °C                                        |                              |                              |                              | -15                          |                              |                              |
|                          |                                        | Extra<br>capaciteit<br>nominale<br>verwar-<br>mingsver-<br>mogen | Psup (bij Tontwerp<br>-22°C)                   |                              |                              |                              | 2,4                          |                              |                              |
|                          |                                        |                                                                  |                                                |                              |                              |                              |                              |                              |                              |
|                          |                                        |                                                                  |                                                |                              |                              |                              |                              |                              |                              |
|                          |                                        | Algemeen                                                         | Annual energy<br>consumption kWh               |                              |                              |                              | 2.855                        |                              |                              |
|                          |                                        |                                                                  | ηs (seizoensefficiëntie<br>ruimteverwarming) % |                              |                              |                              | 231                          |                              |                              |
|                          |                                        |                                                                  | Phminaal 2°C kW                                |                              |                              |                              | 12,5                         |                              |                              |
|                          |                                        | B-conditie<br>(2°C DB/1°C<br>NB)                                 | Qhe Annual energy<br>consumption (GCV) GJ      |                              |                              |                              | 10                           |                              |                              |
|                          |                                        |                                                                  | Cdh (reductie van verwarming)                  |                              |                              |                              | 1,0                          |                              |                              |
|                          |                                        |                                                                  | COPd                                           |                              |                              |                              | 3,51                         |                              |                              |
|                          |                                        | C-conditie<br>(7°C DB/6°C<br>NB)                                 | Pdh kW                                         |                              |                              |                              | 10,0                         |                              |                              |
|                          |                                        |                                                                  | PERd %                                         |                              |                              |                              | 140,4                        |                              |                              |
|                          |                                        |                                                                  | Cdh (reductie van verwarming)                  |                              |                              |                              | 1,0                          |                              |                              |
|                          |                                        | Tbiv<br>(bivalente<br>tempera-<br>tuur)                          | COPd                                           |                              |                              |                              | 5,67                         |                              |                              |
|                          |                                        |                                                                  | Pdh kW                                         |                              |                              |                              | 8,3                          |                              |                              |
|                          |                                        |                                                                  | PERd %                                         |                              |                              |                              | 226,8                        |                              |                              |
|                          |                                        | D-conditie<br>(12°C DB/11°C<br>NB)                               | COPd                                           |                              |                              |                              | 4,96                         |                              |                              |
|                          |                                        |                                                                  | Pdh kW                                         |                              |                              |                              | 9,8                          |                              |                              |
|                          |                                        |                                                                  | PERd %                                         |                              |                              |                              | 198,4                        |                              |                              |
|                          |                                        |                                                                  | Tbiv °C                                        |                              |                              |                              | 5                            |                              |                              |
|                          |                                        |                                                                  | Cdh (reductie van verwarming)                  |                              |                              |                              | 1,0                          |                              |                              |
| Verwarming               | Wateruitlaat<br>warm kli-<br>maat 35°C | D-conditie<br>(12°C DB/11°C<br>NB)                               | COPd                                           |                              |                              |                              | 7,04                         |                              |                              |
|                          |                                        |                                                                  | Pdh kW                                         |                              |                              |                              | 5,7                          |                              |                              |
|                          |                                        |                                                                  | PERd %                                         |                              |                              |                              | 281,6                        |                              |                              |

(1)Capaciteit overeenkomstig norm EN14511 en geldt voor een verwarmd waterbereik met dT = 3~8°C at Ta 7°C |

(2)Voorwaarde: Ta DB/NB 7°C/6°C - LWC 35°C (DT = 5°C) |

(3)Koelen: EW 23°C; LW 18°C; omgevingsomstandigheden: 35°CDB |

(4)Koelen: EW 12,8°C; LW 7,8°C; omgevingsomstandigheden: 35°CDB |

(5)Het opgenomen vermogen is het totaal van binnen- en buitenunits, met inbegrip van de circulatiepomp; overeenkomstig EN14511

| Technische specificaties |                                                |      |         | ETVH16S18E6V7<br>+ EPRA14DW17         | ETVH16S23E6V7<br>+ EPRA14DW17         | ETVH16S18E6V7<br>+ EPRA16DW17         | ETVH16S23E6V7<br>+ EPRA16DW17         | ETVH16S18E6V7<br>+ EPRA18DW17         | ETVH16S23E6V7<br>+ EPRA18DW17         |
|--------------------------|------------------------------------------------|------|---------|---------------------------------------|---------------------------------------|---------------------------------------|---------------------------------------|---------------------------------------|---------------------------------------|
| Verwarmingscapaciteit    | Min.                                           |      | kW      | 3,70 (1)                              |                                       | 3,96 (1)                              |                                       | 4,40 (1)                              |                                       |
|                          |                                                |      | Nom. kW | 5,90 (2)                              |                                       |                                       | 9,00 (2)                              |                                       |                                       |
|                          |                                                |      | Max. kW | 9,75 (1)                              |                                       | 10,44 (1)                             |                                       | 11,60 (1)                             |                                       |
| Opgenomen vermogen       | Verwarmen                                      | Min. | kW      | 0,84 (3)                              |                                       | 0,90 (3)                              |                                       | 1,00 (3)                              |                                       |
|                          |                                                |      | Nom. kW | 1,23 (2)                              |                                       |                                       | 1,80 (2)                              |                                       |                                       |
|                          |                                                |      | Max. kW | 2,17 (3)                              |                                       | 2,32 (3)                              |                                       | 2,58 (3)                              |                                       |
|                          | Sanitair<br>warm water<br>van 10°C tot<br>50°C | Nom. | kWh     | 2,57 (4)                              | 2,85 (4)                              | 2,57 (4)                              | 2,85 (4)                              | 2,57 (4)                              | 2,85 (4)                              |
|                          |                                                |      | hr      | 1h02min at 7°C<br>ambient temperature | 1h13min at 7°C<br>ambient temperature | 1h02min at 7°C<br>ambient temperature | 1h13min at 7°C<br>ambient temperature | 1h02min at 7°C<br>ambient temperature | 1h13min at 7°C<br>ambient temperature |
|                          |                                                |      | COP     | 4,79 (2)                              |                                       |                                       | 5,00 (2)                              |                                       |                                       |



## 2 Specificaties

### 2 - 1 Specificaties

| Technische specificaties                       |                                                |                                         |                                                                   | ETVH16S18E6V7<br>+ EPRA14DW17                                                              | ETVH16S23E6V7<br>+ EPRA14DW17                           | ETVH16S18E6V7<br>+ EPRA16DW17                 | ETVH16S23E6V7<br>+ EPRA16DW17                           | ETVH16S18E6V7<br>+ EPRA18DW17                 | ETVH16S23E6V7<br>+ EPRA18DW17                           |          |
|------------------------------------------------|------------------------------------------------|-----------------------------------------|-------------------------------------------------------------------|--------------------------------------------------------------------------------------------|---------------------------------------------------------|-----------------------------------------------|---------------------------------------------------------|-----------------------------------------------|---------------------------------------------------------|----------|
| Pomp                                           | Type                                           |                                         |                                                                   | Grundfos UP/MXL GEO 25-125 130 PWM                                                         |                                                         |                                               |                                                         |                                               |                                                         |          |
|                                                | Nominale externe statische druk unit           | Verwarmen                               | kPa                                                               | 111,2 (5)                                                                                  |                                                         | 97,4 (5)                                      |                                                         |                                               |                                                         |          |
| Warmtewisselaar waterzijde                     | Waterhoeveelheid                               | Verwarmen                               | Nom.                                                              | l/min                                                                                      |                                                         | 16,3 (2)                                      |                                                         |                                               |                                                         | 25,8 (2) |
| General                                        | Gegevens van leverancier/fabrikant             | Naam en adres                           | Daikin Europe N.V. - Zandvoordestraat 300, 8400 Oostende, Belgium |                                                                                            |                                                         |                                               |                                                         |                                               |                                                         |          |
|                                                |                                                | Naam of handelsmerk                     | Daikin Europe N.V.                                                |                                                                                            |                                                         |                                               |                                                         |                                               |                                                         |          |
|                                                | Product description                            | Lucht/water-warmtepomp                  | Ja                                                                |                                                                                            |                                                         |                                               |                                                         |                                               |                                                         |          |
|                                                |                                                | Glycol/water-warmtepomp                 | Nee                                                               |                                                                                            |                                                         |                                               |                                                         |                                               |                                                         |          |
|                                                |                                                | Verwarming combinatie warmtepomp        | Ja                                                                |                                                                                            |                                                         |                                               |                                                         |                                               |                                                         |          |
|                                                |                                                | Lagetemperatuurswarmtepomp              | Nee                                                               |                                                                                            |                                                         |                                               |                                                         |                                               |                                                         |          |
|                                                |                                                | Ingebouwde hulpverwarming               | Ja                                                                |                                                                                            |                                                         |                                               |                                                         |                                               |                                                         |          |
|                                                |                                                | Water/water-warmtepomp                  | Nee                                                               |                                                                                            |                                                         |                                               |                                                         |                                               |                                                         |          |
|                                                | LW(A) geluidsvermogensniveau (volgens EN14825) | Binnen                                  | dB(A)                                                             | 44,0                                                                                       |                                                         |                                               |                                                         |                                               |                                                         |          |
| LW(A) Sound power level (according to EN14825) | Outdoor                                        | dB(A)                                   | 54,0                                                              |                                                                                            |                                                         |                                               |                                                         |                                               |                                                         |          |
| Ecodesign geluidsconditie en energielabel      |                                                |                                         |                                                                   | Geluidsvermogen in verwarmingsmodus, gemeten volgens EN12102 onder voorwaarden van EN14825 |                                                         |                                               |                                                         |                                               |                                                         |          |
| Tank                                           | Naam                                           |                                         |                                                                   | Roestvrijstalen sanitaire warmwatertank 180 l                                              | Roestvrijstalen tank voor sanitair warm water van 230 L | Roestvrijstalen sanitaire warmwatertank 180 l | Roestvrijstalen tank voor sanitair warm water van 230 L | Roestvrijstalen sanitaire warmwatertank 180 l | Roestvrijstalen tank voor sanitair warm water van 230 L |          |
| Algemene verwarming                            | Lucht/water-unit                               | Nominale luchthoeveelheid (buiten)      | m³/h                                                              | 3.918                                                                                      | -                                                       | 3.918                                         | -                                                       | 3.960                                         | -                                                       |          |
|                                                | Andere                                         | Capacity control                        |                                                                   | Inverter                                                                                   |                                                         |                                               |                                                         |                                               |                                                         |          |
|                                                |                                                | Pck (carterverwarming aan)              | kW                                                                | 0,000                                                                                      |                                                         |                                               |                                                         |                                               |                                                         |          |
|                                                |                                                | Poff (uitgeschakelde stand)             | kW                                                                | 0,031                                                                                      |                                                         |                                               |                                                         |                                               |                                                         |          |
|                                                |                                                | Psb (in stand-by)                       | kW                                                                | 0,042                                                                                      |                                                         |                                               |                                                         |                                               |                                                         |          |
|                                                |                                                | Pto (thermostaat uit)                   | kW                                                                | 0,033                                                                                      |                                                         |                                               |                                                         |                                               |                                                         |          |
| Sanitair warm water                            | Algemeen                                       | Aangegevens belastingprofiel            |                                                                   | L                                                                                          | XL                                                      | L                                             | XL                                                      | L                                             | XL                                                      |          |
| Algemene verwarming                            | Ingebouwde hulpverwarming                      | Psup                                    | kW                                                                | 6,0                                                                                        |                                                         |                                               |                                                         |                                               |                                                         |          |
|                                                |                                                | Type stroomvoorziening                  |                                                                   | Elektrisch                                                                                 |                                                         |                                               |                                                         |                                               |                                                         |          |
| Sanitair warm water                            | Gematigd klimaat                               | AEC (jaarlijks stroomverbruik)          | kWh                                                               | 969                                                                                        | 1.572                                                   | 969                                           | 1.572                                                   | 969                                           | 1.572                                                   |          |
|                                                |                                                | COPdhw                                  |                                                                   | 2,51                                                                                       | 2,55                                                    | 2,51                                          | 2,55                                                    | 2,51                                          | 2,55                                                    |          |
|                                                |                                                | Heat up time                            |                                                                   | 1h 06min                                                                                   | 1h 19min                                                | 1h 06min                                      | 1h 19min                                                | 1h 06min                                      | 1h 19min                                                |          |
| Sanitair warm water                            | Gematigd klimaat                               | ηwh (waterverwarmingsrendement)         | %                                                                 | 106                                                                                        | 107                                                     | 106                                           | 107                                                     | 106                                           | 107                                                     |          |
|                                                |                                                | Qelec (dagelijks stroomverbruik)        | kWh                                                               | 4,650                                                                                      | 7,480                                                   | 4,650                                         | 7,480                                                   | 4,650                                         | 7,480                                                   |          |
|                                                |                                                | Referentietemperatuur warm water        | °C                                                                | 52,5                                                                                       |                                                         |                                               |                                                         |                                               |                                                         |          |
|                                                |                                                | Stand-by vermogen ingang                | W                                                                 | 42,9                                                                                       | 58,5                                                    | 42,9                                          | 58,5                                                    | 42,9                                          | 58,5                                                    |          |
|                                                |                                                | Energierendementsklasse waterverwarming |                                                                   | A                                                                                          |                                                         |                                               |                                                         |                                               |                                                         |          |
| Koud klimaat                                   | AEC (jaarlijks stroomverbruik)                 | kWh                                     |                                                                   | 1.124                                                                                      | 1.839                                                   | 1.124                                         | 1.839                                                   | 1.124                                         | 1.839                                                   |          |
|                                                | COPdhw                                         |                                         |                                                                   | 2,17                                                                                       | 2,19                                                    | 2,17                                          | 2,19                                                    | 2,17                                          | 2,19                                                    |          |
|                                                | Heat up time                                   |                                         |                                                                   | 1h 04min                                                                                   | 1h 16min                                                | 1h 04min                                      | 1h 16min                                                | 1h 04min                                      | 1h 16min                                                |          |
|                                                | ηwh (waterverwarmingsrendement)                | %                                       |                                                                   | 91                                                                                         |                                                         |                                               |                                                         |                                               |                                                         |          |
|                                                | Qelec (dagelijks stroomverbruik)               | kWh                                     |                                                                   | 5,370                                                                                      | 8,720                                                   | 5,370                                         | 8,720                                                   | 5,370                                         | 8,720                                                   |          |
|                                                | Referentietemperatuur warm water               | °C                                      |                                                                   | 52,5                                                                                       |                                                         |                                               |                                                         |                                               |                                                         |          |
|                                                | Stand-by vermogen ingang                       | W                                       |                                                                   | 45,0                                                                                       | 63,7                                                    | 45,0                                          | 63,7                                                    | 45,0                                          | 63,7                                                    |          |
|                                                | Warm klimaat                                   | AEC (jaarlijks stroomverbruik)          | kWh                                                               |                                                                                            | 876                                                     | 1.413                                         | 876                                                     | 1.413                                         | 876                                                     | 1.413    |
|                                                |                                                | COPdhw                                  |                                                                   |                                                                                            | 2,76                                                    | 2,83                                          | 2,76                                                    | 2,83                                          | 2,76                                                    | 2,83     |
| Heat up time                                   |                                                |                                         |                                                                   | 1h 15min                                                                                   | 1h 30min                                                | 1h 15min                                      | 1h 30min                                                | 1h 15min                                      | 1h 30min                                                |          |
| ηwh (waterverwarmingsrendement)                |                                                | %                                       |                                                                   | 117                                                                                        | 119                                                     | 117                                           | 119                                                     | 117                                           | 119                                                     |          |
| Qelec (dagelijks stroomverbruik)               |                                                | kWh                                     |                                                                   | 4,220                                                                                      | 6,740                                                   | 4,220                                         | 6,740                                                   | 4,220                                         | 6,740                                                   |          |
| Referentietemperatuur warm water               |                                                | °C                                      |                                                                   | 52,5                                                                                       |                                                         |                                               |                                                         |                                               |                                                         |          |
|                                                | Stand-by vermogen ingang                       | W                                       |                                                                   | 41,6                                                                                       | 55,4                                                    | 41,6                                          | 55,4                                                    | 41,6                                          | 55,4                                                    |          |

## 2 Specificaties

### 2 - 1 Specificaties

| Technische specificaties |                                                                                   |                                               |                                           | ETVH16S18E6V7<br>+ EPRA14DW17 | ETVH16S23E6V7<br>+ EPRA14DW17 | ETVH16S18E6V7<br>+ EPRA16DW17 | ETVH16S23E6V7<br>+ EPRA16DW17 | ETVH16S18E6V7<br>+ EPRA18DW17 | ETVH16S23E6V7<br>+ EPRA18DW17 |
|--------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------|-------------------------------------------|-------------------------------|-------------------------------|-------------------------------|-------------------------------|-------------------------------|-------------------------------|
| Verwarming               |  | Algemeen                                      | Annual energy consumption                 | kWh                           |                               |                               |                               | 7,236                         |                               |
|                          |                                                                                   |                                               | ηs (seizoensefficiëntie ruimteverwarming) | %                             |                               |                               |                               | 140                           |                               |
|                          |                                                                                   |                                               | Phominaal -10°C                           | kW                            |                               |                               |                               | 13                            |                               |
|                          |                                                                                   |                                               | Qhe Annual energy consumption (GCV)       | Gj                            |                               |                               |                               | 26                            |                               |
|                          |                                                                                   |                                               | SCOP                                      |                               |                               |                               |                               | 3,57                          |                               |
|                          |                                                                                   |                                               | Seizoensefficiëntieklasse verwarming      |                               |                               |                               |                               | A++                           |                               |
|                          |                                                                                   | A-conditie<br>(-7°C DB/-8°C NB)               | Cdh (reductie van verwarming)             |                               |                               |                               |                               | 1,0                           |                               |
|                          |                                                                                   |                                               | COPd                                      |                               |                               |                               |                               | 2,43                          |                               |
|                          |                                                                                   |                                               | Pdh                                       | kW                            |                               |                               |                               | 11,1                          |                               |
|                          |                                                                                   |                                               | PERd                                      | %                             |                               |                               |                               | 97,2                          |                               |
|                          |                                                                                   | B-conditie<br>(2°C DB/1°C NB)                 | Cdh (reductie van verwarming)             |                               |                               |                               |                               | 1,0                           |                               |
|                          |                                                                                   |                                               | COPd                                      |                               |                               |                               |                               | 3,52                          |                               |
|                          |                                                                                   |                                               | Pdh                                       | kW                            |                               |                               |                               | 6,7                           |                               |
|                          |                                                                                   |                                               | PERd                                      | %                             |                               |                               |                               | 140,8                         |                               |
|                          |                                                                                   | C-conditie<br>(7°C DB/6°C NB)                 | Cdh (reductie van verwarming)             |                               |                               |                               |                               | 1,0                           |                               |
|                          |                                                                                   |                                               | COPd                                      |                               |                               |                               |                               | 4,54                          |                               |
|                          |                                                                                   |                                               | Pdh                                       | kW                            |                               |                               |                               | 6,5                           |                               |
|                          |                                                                                   |                                               | PERd                                      | %                             |                               |                               |                               | 181,6                         |                               |
| Verwarming               |  | D-conditie<br>(12°C DB/11°C NB)               | Cdh (reductie van verwarming)             |                               |                               |                               |                               | 1,0                           |                               |
|                          |                                                                                   |                                               | COPd                                      |                               |                               |                               |                               | 5,97                          |                               |
|                          |                                                                                   |                                               | Pdh                                       | kW                            |                               |                               |                               | 5,2                           |                               |
|                          |                                                                                   |                                               | PERd                                      | %                             |                               |                               |                               | 238,8                         |                               |
|                          |                                                                                   | TOL (bedrijfstemperatuur)                     | COPd                                      |                               |                               |                               |                               | 2,12                          |                               |
|                          |                                                                                   |                                               | Pdh                                       | kW                            |                               |                               |                               | 12,5                          |                               |
|                          |                                                                                   |                                               | PERd                                      | %                             |                               |                               |                               | 84,8                          |                               |
|                          |                                                                                   |                                               | TOL                                       | °C                            |                               |                               |                               | -10                           |                               |
|                          |                                                                                   |                                               | WTOL                                      | °C                            |                               |                               |                               | 55                            |                               |
|                          |                                                                                   | Extra capaciteit nominaal verwarmingsvermogen | Psup (bij Tontwerp -10°C)                 | kW                            |                               |                               |                               | 0,0                           |                               |
|                          |                                                                                   |                                               | Tbiv                                      |                               |                               |                               |                               |                               |                               |
|                          |                                                                                   |                                               | COPd                                      |                               |                               |                               |                               | 2,12                          |                               |
|                          |                                                                                   |                                               | Pdh                                       | kW                            |                               |                               |                               | 12,5                          |                               |
|                          |                                                                                   | (bivalente temperatuur)                       | PERd                                      | %                             |                               |                               |                               | 84,8                          |                               |
|                          |                                                                                   |                                               | Tbiv                                      | °C                            |                               |                               |                               | -10                           |                               |
|                          |                                                                                   |                                               |                                           |                               |                               |                               |                               |                               |                               |
|                          |                                                                                   |                                               |                                           |                               |                               |                               |                               |                               |                               |
|                          |                                                                                   | Wateruitlaat koud klimaat 55°C                | Annual energy consumption                 | kWh                           |                               |                               |                               | 9,658                         |                               |
|                          |                                                                                   |                                               | ηs (seizoensefficiëntie ruimteverwarming) | %                             |                               |                               |                               | 125                           |                               |
|                          |                                                                                   |                                               | Phominaal -22°C                           | kW                            |                               |                               |                               | 13                            |                               |
|                          |                                                                                   |                                               | Qhe Annual energy consumption (GCV)       | Gj                            |                               |                               |                               | 35                            |                               |
|                          |                                                                                   | A-conditie<br>(-7°C DB/-8°C NB)               | Cdh (reductie van verwarming)             |                               |                               |                               |                               | 1,0                           |                               |
|                          |                                                                                   |                                               | COPd                                      |                               |                               |                               |                               | 2,74                          |                               |
|                          |                                                                                   |                                               | Pdh                                       | kW                            |                               |                               |                               | 7,5                           |                               |
|                          |                                                                                   |                                               | PERd                                      | %                             |                               |                               |                               | 109,6                         |                               |
|                          |                                                                                   | B-conditie<br>(2°C DB/1°C NB)                 | Cdh (reductie van verwarming)             |                               |                               |                               |                               | 1,0                           |                               |
|                          |                                                                                   |                                               | COPd                                      |                               |                               |                               |                               | 3,67                          |                               |
|                          |                                                                                   |                                               | Pdh                                       | kW                            |                               |                               |                               | 5,8                           |                               |
|                          |                                                                                   |                                               | PERd                                      | %                             |                               |                               |                               | 146,8                         |                               |
|                          |                                                                                   | C-conditie<br>(7°C DB/6°C NB)                 | Cdh (reductie van verwarming)             |                               |                               |                               |                               | 1,0                           |                               |
|                          |                                                                                   |                                               | COPd                                      |                               |                               |                               |                               | 4,69                          |                               |
|                          |                                                                                   |                                               | Pdh                                       | kW                            |                               |                               |                               | 5,6                           |                               |
|                          |                                                                                   |                                               | PERd                                      | %                             |                               |                               |                               | 187,6                         |                               |
|                          |                                                                                   | D-conditie<br>(12°C DB/11°C NB)               | COPd                                      |                               |                               |                               |                               | 6,12                          |                               |
|                          |                                                                                   |                                               | Pdh                                       | kW                            |                               |                               |                               | 6,2                           |                               |
|                          |                                                                                   |                                               | PERd                                      | %                             |                               |                               |                               | 244,8                         |                               |
|                          |                                                                                   |                                               | TOL (bedrijfstemperatuur)                 |                               |                               |                               |                               | 1,65                          |                               |
|                          |                                                                                   |                                               | Pdh                                       | kW                            |                               |                               |                               | 10,6                          |                               |
|                          |                                                                                   |                                               | PERd                                      | %                             |                               |                               |                               | 66,0                          |                               |
|                          |                                                                                   |                                               | TOL                                       | °C                            |                               |                               |                               | -22                           |                               |
|                          |                                                                                   |                                               |                                           |                               |                               |                               |                               |                               |                               |

## 2 Specificaties

### 2 - 1 Specificaties

| Technische specificaties                                                                                           |                                                                  |                                              |                                              | ETVH16S18E6V7<br>+ EPRA14DW17 | ETVH16S23E6V7<br>+ EPRA14DW17 | ETVH16S18E6V7<br>+ EPRA16DW17 | ETVH16S23E6V7<br>+ EPRA16DW17 | ETVH16S18E6V7<br>+ EPRA18DW17 | ETVH16S23E6V7<br>+ EPRA18DW17 |  |
|--------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------|----------------------------------------------|----------------------------------------------|-------------------------------|-------------------------------|-------------------------------|-------------------------------|-------------------------------|-------------------------------|--|
| <div>Verwarming</div> <div></div> | Wateruitlaat<br>koud klimaat<br>55°C                             | TOL (bedrijf-<br>stempera-<br>tuur)          | WTOL °C                                      | 55                            |                               |                               |                               |                               |                               |  |
|                                                                                                                    |                                                                  | G-conditie<br>(-15°C DB/-)                   | COPd                                         | 2,17                          |                               |                               |                               |                               |                               |  |
|                                                                                                                    |                                                                  |                                              | Pdh kW                                       | 10,3                          |                               |                               |                               |                               |                               |  |
|                                                                                                                    |                                                                  |                                              | PERd %                                       | 86,8                          |                               |                               |                               |                               |                               |  |
|                                                                                                                    |                                                                  | Tbiv<br>(bivalente<br>tempera-<br>tuur)      | COPd                                         | 1,90                          |                               |                               |                               |                               |                               |  |
|                                                                                                                    |                                                                  |                                              | Pdh kW                                       | 11,0                          |                               |                               |                               |                               |                               |  |
|                                                                                                                    |                                                                  |                                              | PERd %                                       | 76,0                          |                               |                               |                               |                               |                               |  |
|                                                                                                                    |                                                                  | Tbiv °C                                      | -18                                          |                               |                               |                               |                               |                               |                               |  |
|                                                                                                                    | Extra<br>capaciteit<br>nominaal<br>verwar-<br>mingsver-<br>mogen | Psup (bij Tontwerp<br>-22°C)                 | kW                                           | 1,9                           |                               |                               |                               |                               |                               |  |
|                                                                                                                    |                                                                  |                                              |                                              |                               |                               |                               |                               |                               |                               |  |
|                                                                                                                    |                                                                  |                                              |                                              |                               |                               |                               |                               |                               |                               |  |
|                                                                                                                    |                                                                  |                                              |                                              |                               |                               |                               |                               |                               |                               |  |
|                                                                                                                    |                                                                  |                                              |                                              |                               |                               |                               |                               |                               |                               |  |
|                                                                                                                    |                                                                  |                                              |                                              |                               |                               |                               |                               |                               |                               |  |
|                                                                                                                    |                                                                  |                                              |                                              |                               |                               |                               |                               |                               |                               |  |
|                                                                                                                    |                                                                  |                                              |                                              |                               |                               |                               |                               |                               |                               |  |
|                                                                                                                    | Wateruitlaat<br>warm<br>klimaat<br>55°C                          | Algemeen                                     | Annual energy<br>consumption                 | kWh                           | 4.453                         |                               |                               |                               |                               |  |
|                                                                                                                    |                                                                  |                                              | ηs (seizoensefficiëntie<br>ruimteverwarming) | %                             | 166                           |                               |                               |                               |                               |  |
|                                                                                                                    |                                                                  |                                              | Pnominaal 2°C                                | kW                            | 14                            |                               |                               |                               |                               |  |
|                                                                                                                    |                                                                  |                                              | Qhe Annual energy<br>consumption (GCV)       | Gj                            | 16                            |                               |                               |                               |                               |  |
|                                                                                                                    |                                                                  | B-conditie<br>(2°C DB/1°C<br>NB)             | Cdh (reductie van verwarming)                | 1,0                           |                               |                               |                               |                               |                               |  |
|                                                                                                                    |                                                                  |                                              | COPd                                         | 2,62                          |                               |                               |                               |                               |                               |  |
|                                                                                                                    |                                                                  |                                              | Pdh kW                                       | 11,4                          |                               |                               |                               |                               |                               |  |
|                                                                                                                    |                                                                  |                                              | PERd %                                       | 104,8                         |                               |                               |                               |                               |                               |  |
|                                                                                                                    |                                                                  | C-conditie<br>(7°C DB/6°C<br>NB)             | Cdh (reductie van verwarming)                | 1,0                           |                               |                               |                               |                               |                               |  |
|                                                                                                                    |                                                                  |                                              | COPd                                         | 3,78                          |                               |                               |                               |                               |                               |  |
|                                                                                                                    |                                                                  |                                              | Pdh kW                                       | 9,0                           |                               |                               |                               |                               |                               |  |
|                                                                                                                    |                                                                  |                                              | PERd %                                       | 151,2                         |                               |                               |                               |                               |                               |  |
|                                                                                                                    |                                                                  | D-conditie<br>(12°C DB/11°C<br>NB)           | Cdh (reductie van verwarming)                | 1,0                           |                               |                               |                               |                               |                               |  |
|                                                                                                                    |                                                                  |                                              | COPd                                         | 5,63                          |                               |                               |                               |                               |                               |  |
|                                                                                                                    |                                                                  |                                              | Pdh kW                                       | 5,9                           |                               |                               |                               |                               |                               |  |
|                                                                                                                    |                                                                  |                                              | PERd %                                       | 225,2                         |                               |                               |                               |                               |                               |  |
|                                                                                                                    |                                                                  | Tbiv<br>(bivalente<br>tempera-<br>tuur)      | COPd                                         | 3,43                          |                               |                               |                               |                               |                               |  |
| Pdh kW                                                                                                             |                                                                  |                                              | 11,1                                         |                               |                               |                               |                               |                               |                               |  |
| PERd %                                                                                                             |                                                                  |                                              | 137,2                                        |                               |                               |                               |                               |                               |                               |  |
| Tbiv °C                                                                                                            |                                                                  |                                              | 5                                            |                               |                               |                               |                               |                               |                               |  |
| Wateruitlaat<br>45°C                                                                                               | H-voorwaar-<br>de (-2°C)                                         | Max. kW                                      | 11,1                                         |                               | 11,8                          |                               |                               |                               |                               |  |
| Wateruitlaat<br>gematigd<br>klimaat<br>35°C                                                                        | Algemeen                                                         | Annual energy<br>consumption                 | kWh                                          | 5.479                         |                               |                               |                               |                               |                               |  |
|                                                                                                                    |                                                                  | ηs (seizoensefficiëntie<br>ruimteverwarming) | %                                            | 186                           |                               |                               |                               |                               |                               |  |
|                                                                                                                    |                                                                  | Pnominaal -10°C                              | kW                                           | 13                            |                               |                               |                               |                               |                               |  |
|                                                                                                                    |                                                                  | Qhe Annual energy<br>consumption (GCV)       | Gj                                           | 20                            |                               |                               |                               |                               |                               |  |
|                                                                                                                    |                                                                  | SCOP                                         | 4,71                                         |                               |                               |                               |                               |                               |                               |  |
|                                                                                                                    |                                                                  | Seizoensefficiëntieklasse<br>verwarming      | A+++                                         |                               |                               |                               |                               |                               |                               |  |
|                                                                                                                    |                                                                  | A-conditie<br>(-7°C DB/-<br>8°C NB)          | COPd                                         | 2,97                          |                               |                               |                               |                               |                               |  |

## 2 Specificaties

### 2 - 1 Specificaties

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| Technische specificaties |                                             |                                                                  |                                                          | ETVH16S18E6V7<br>+ EPRA14DW17 | ETVH16S23E6V7<br>+ EPRA14DW17 | ETVH16S18E6V7<br>+ EPRA16DW17 | ETVH16S23E6V7<br>+ EPRA16DW17 | ETVH16S18E6V7<br>+ EPRA18DW17 | ETVH16S23E6V7<br>+ EPRA18DW17 |
|--------------------------|---------------------------------------------|------------------------------------------------------------------|----------------------------------------------------------|-------------------------------|-------------------------------|-------------------------------|-------------------------------|-------------------------------|-------------------------------|
| Verwarming               | Wateruitlaat<br>gematigd<br>klimaat<br>35°C | A-conditie<br>(-7°C DB/-<br>8°C NB)                              | Pdh                                                      | kW                            |                               |                               |                               |                               | 10,7                          |
|                          |                                             |                                                                  | PERd                                                     | %                             |                               |                               |                               |                               | 118,8                         |
|                          |                                             | B-conditie<br>(2°C DB/1°C<br>NB)                                 | Cd <sub>h</sub> (reductie van verwarming)                |                               |                               |                               |                               |                               | 1,0                           |
|                          |                                             |                                                                  | COP <sub>d</sub>                                         |                               |                               |                               |                               |                               | 4,94                          |
|                          |                                             |                                                                  | Pdh                                                      | kW                            |                               |                               |                               |                               | 6,9                           |
|                          |                                             |                                                                  | PERd                                                     | %                             |                               |                               |                               |                               | 197,6                         |
|                          |                                             | C-conditie<br>(7°C DB/6°C<br>NB)                                 | Cd <sub>h</sub> (reductie van verwarming)                |                               |                               |                               |                               |                               | 1,0                           |
|                          |                                             |                                                                  | COP <sub>d</sub>                                         |                               |                               |                               |                               |                               | 5,95                          |
|                          |                                             |                                                                  | Pdh                                                      | kW                            |                               |                               |                               |                               | 6,2                           |
|                          |                                             |                                                                  | PERd                                                     | %                             |                               |                               |                               |                               | 238,0                         |
|                          |                                             | D-conditie<br>(12°C DB/11°C<br>NB)                               | Cd <sub>h</sub> (reductie van verwarming)                |                               |                               |                               |                               |                               | 1,0                           |
|                          |                                             |                                                                  | COP <sub>d</sub>                                         |                               |                               |                               |                               |                               | 7,07                          |
|                          |                                             |                                                                  | Pdh                                                      | kW                            |                               |                               |                               |                               | 5,6                           |
|                          |                                             |                                                                  | PERd                                                     | %                             |                               |                               |                               |                               | 282,8                         |
|                          |                                             | TOL (bedrijf-<br>stempera-<br>tuur)                              | COP <sub>d</sub>                                         |                               |                               |                               |                               |                               | 2,88                          |
|                          |                                             |                                                                  | Pdh                                                      | kW                            |                               |                               |                               |                               | 12,1                          |
|                          |                                             |                                                                  | PERd                                                     | %                             |                               |                               |                               |                               | 115,2                         |
|                          |                                             |                                                                  | TOL                                                      | °C                            |                               |                               |                               |                               | -10                           |
|                          |                                             |                                                                  | WTOL                                                     | °C                            |                               |                               |                               |                               | 35                            |
|                          |                                             | Tbiv<br>(bivalente<br>tempera-<br>tuur)                          | COP <sub>d</sub>                                         |                               |                               |                               |                               |                               | 2,97                          |
|                          |                                             |                                                                  | Pdh                                                      | kW                            |                               |                               |                               |                               | 10,7                          |
|                          |                                             |                                                                  | PERd                                                     | %                             |                               |                               |                               |                               | 118,8                         |
|                          |                                             |                                                                  | Tbiv                                                     | °C                            |                               |                               |                               |                               | -7                            |
|                          |                                             | Extra<br>capaciteit<br>nominaal<br>verwar-<br>mingsver-<br>mogen | Psup (bij Tontwerp<br>-10°C)                             | kW                            |                               |                               |                               |                               | 0,4                           |
|                          | Wateruitlaat<br>koud klimaat<br>35°C        | Algemeen                                                         | Annual energy<br>consumption                             |                               |                               |                               |                               |                               | 7.445                         |
|                          |                                             |                                                                  | η <sub>s</sub> (seizoensefficiëntie<br>ruimteverwarming) |                               |                               |                               |                               |                               | 163                           |
|                          |                                             |                                                                  | P <sub>nominaal</sub> -22°C                              |                               |                               |                               |                               |                               | 13                            |
|                          |                                             |                                                                  | Q <sub>he</sub> jaarl. energiever-<br>bruik (GCV)        |                               |                               |                               |                               |                               | 27                            |
|                          |                                             | A Condition<br>(-7°CDB-<br>B/-8°CWB)                             | COP <sub>d</sub>                                         |                               |                               |                               |                               |                               | 3,50                          |
|                          |                                             |                                                                  | Pdh                                                      |                               |                               |                               |                               |                               | 8,0                           |
|                          |                                             |                                                                  | PERd                                                     |                               |                               |                               |                               |                               | 140,0                         |
|                          |                                             | B Condition<br>(2°CDB-<br>B/1°CWB)                               | Cd <sub>h</sub> (reductie van verwarming)                |                               |                               |                               |                               |                               | 1,0                           |
|                          |                                             |                                                                  | COP <sub>d</sub>                                         |                               |                               |                               |                               |                               | 5,07                          |
|                          |                                             |                                                                  | Pdh                                                      |                               |                               |                               |                               |                               | 4,9                           |
|                          |                                             |                                                                  | PERd                                                     |                               |                               |                               |                               |                               | 202,8                         |
|                          |                                             | C-conditie (7°C<br>DB/6°C NB)                                    | Cd <sub>h</sub> (reductie van verwarming)                |                               |                               |                               |                               |                               | 1,0                           |
|                          |                                             |                                                                  | COP <sub>d</sub>                                         |                               |                               |                               |                               |                               | 6,10                          |

## 2 Specificaties

### 2 - 1 Specificaties

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| Technische specificaties |                                        |                                                                  |                                              | ETVH16S18E6V7<br>+ EPRA14DW17 | ETVH16S23E6V7<br>+ EPRA14DW17 | ETVH16S18E6V7<br>+ EPRA16DW17 | ETVH16S23E6V7<br>+ EPRA16DW17 | ETVH16S18E6V7<br>+ EPRA18DW17 | ETVH16S23E6V7<br>+ EPRA18DW17 |
|--------------------------|----------------------------------------|------------------------------------------------------------------|----------------------------------------------|-------------------------------|-------------------------------|-------------------------------|-------------------------------|-------------------------------|-------------------------------|
| Verwarming               | Wateruitlaat<br>koud klimaat<br>35°C   | C-conditie<br>(7°C DB/6°C<br>NB)                                 | Pdh                                          | kW                            |                               |                               | 5,3                           |                               |                               |
|                          |                                        |                                                                  | PERd                                         | %                             |                               |                               | 244,0                         |                               |                               |
|                          |                                        |                                                                  | Cdh (reductie van verwarming)                |                               |                               |                               | 1,0                           |                               |                               |
|                          |                                        | (12°C DB/11°C<br>NB)                                             | COPd                                         |                               |                               |                               | 7,03                          |                               |                               |
|                          |                                        |                                                                  | Pdh                                          | kW                            |                               |                               | 5,7                           |                               |                               |
|                          |                                        |                                                                  | PERd                                         | %                             |                               |                               | 281,2                         |                               |                               |
|                          |                                        | TOL (bedrijf-<br>stempera-<br>tuur)                              | COPd                                         |                               |                               |                               | 2,17                          |                               |                               |
|                          |                                        |                                                                  | Pdh                                          | kW                            |                               |                               | 9,2                           |                               |                               |
|                          |                                        |                                                                  | PERd                                         | %                             |                               |                               | 86,8                          |                               |                               |
|                          |                                        |                                                                  | TOL                                          | °C                            |                               |                               | -22                           |                               |                               |
|                          |                                        |                                                                  | WTOL                                         | °C                            |                               |                               | 35                            |                               |                               |
|                          |                                        | G-conditie<br>(-15°C DB/-)                                       | COPd                                         |                               |                               |                               | 2,62                          |                               |                               |
|                          |                                        |                                                                  | Pdh                                          | kW                            |                               |                               | 10,7                          |                               |                               |
|                          |                                        |                                                                  | PERd                                         | %                             |                               |                               | 104,8                         |                               |                               |
|                          |                                        | Tbiv<br>(bivalente<br>tempera-<br>tuur)                          | COPd                                         |                               |                               |                               | 2,62                          |                               |                               |
|                          |                                        |                                                                  | Pdh                                          | kW                            |                               |                               | 10,7                          |                               |                               |
|                          |                                        |                                                                  | PERd                                         | %                             |                               |                               | 104,8                         |                               |                               |
|                          |                                        | Extra<br>capaciteit<br>nominale<br>verwar-<br>mingsver-<br>mogen | Tbiv                                         | °C                            |                               |                               | -15                           |                               |                               |
|                          |                                        |                                                                  | Psup (bij Tontwerp<br>-22°C)                 | kW                            |                               |                               | 3,3                           |                               |                               |
|                          | Wateruitlaat<br>warm kli-<br>maat 35°C | Algemeen                                                         | Annual energy<br>consumption                 | kWh                           |                               |                               | 2.992                         |                               |                               |
|                          |                                        |                                                                  | ηs (seizoensefficiëntie<br>ruimteverwarming) | %                             |                               |                               | 220                           |                               |                               |
|                          |                                        |                                                                  | Phnominaal 2°C                               | kW                            |                               |                               | 13                            |                               |                               |
|                          |                                        |                                                                  | Qhe Annual energy<br>consumption (GCV)       | Gj                            |                               |                               | 11                            |                               |                               |
|                          |                                        |                                                                  | Cdh (reductie van verwarming)                |                               |                               |                               | 1,0                           |                               |                               |
|                          |                                        | B-conditie<br>(2°C DB/1°C<br>NB)                                 | COPd                                         |                               |                               |                               | 3,51                          |                               |                               |
|                          |                                        |                                                                  | Pdh                                          | kW                            |                               |                               | 10,0                          |                               |                               |
|                          |                                        |                                                                  | PERd                                         | %                             |                               |                               | 140,4                         |                               |                               |
|                          |                                        | C-conditie<br>(7°C DB/6°C<br>NB)                                 | Cdh (reductie van verwarming)                |                               |                               |                               | 1,0                           |                               |                               |
|                          |                                        |                                                                  | COPd                                         |                               |                               |                               | 5,67                          |                               |                               |
|                          |                                        |                                                                  | Pdh                                          | kW                            |                               |                               | 8,3                           |                               |                               |
|                          |                                        |                                                                  | PERd                                         | %                             |                               |                               | 226,8                         |                               |                               |
|                          |                                        | Tbiv<br>(bivalente<br>tempera-<br>tuur)                          | COPd                                         |                               |                               |                               | 4,96                          |                               |                               |
|                          |                                        |                                                                  | Pdh                                          | kW                            |                               |                               | 9,8                           |                               |                               |
|                          |                                        |                                                                  | PERd                                         | %                             |                               |                               | 198,4                         |                               |                               |
|                          |                                        | D-conditie<br>(12°C DB/11°C<br>NB)                               | Tbiv                                         | °C                            |                               |                               | 5                             |                               |                               |
|                          |                                        |                                                                  | Cdh (reductie van verwarming)                |                               |                               |                               | 1,0                           |                               |                               |
|                          |                                        |                                                                  | COPd                                         |                               |                               |                               | 7,04                          |                               |                               |
| Verwarming               | Wateruitlaat<br>warm kli-<br>maat 35°C | D-conditie<br>(12°C DB/11°C<br>NB)                               | Pdh                                          | kW                            |                               |                               | 5,7                           |                               |                               |
|                          |                                        |                                                                  | PERd                                         | %                             |                               |                               | 281,6                         |                               |                               |
|                          |                                        |                                                                  |                                              |                               |                               |                               |                               |                               |                               |

(1) Capaciteit overeenkomstig norm EN14511 en geldt voor een verwarmd waterbereik met dT = 3~8°C at Ta 7°C |

(2) Voorwaarde: Ta DB/NB 7°C/6°C - LWC 35°C (DT = 5°C) |

(3) Het opgenomen vermogen is het totaal van binnen- en buitenunits, met inbegrip van de circulatiepomp; overeenkomstig EN14511 |

(4) Getest bij Ta DB/NB 7°C/6°C. Conform EN 16147. |

(5) DB/WB 7°C/6°C - LWC 35°C (dT=5°C) met pomp aan volledig toerental |

Koelen: EW 23°C; LW 18°C; omgevingsomstandigheden: 35°CDB |

Koelen: EW 128; LW 78; omgevingsomstandigheden: 35°CDB

| Technische specificaties       |                                                |      |     | ETVH16S18E9W7 +<br>EPRA14DW17         | ETVH16S23E9W7 +<br>EPRA14DW17         | ETVH16S18E9W7 +<br>EPRA16DW17         | ETVH16S23E9W7 +<br>EPRA16DW17         | ETVH16S18E9W7 +<br>EPRA18DW17         | ETVH16S23E9W7 +<br>EPRA18DW17         |
|--------------------------------|------------------------------------------------|------|-----|---------------------------------------|---------------------------------------|---------------------------------------|---------------------------------------|---------------------------------------|---------------------------------------|
| Verwarmingscapaciteit          | Min.                                           |      | kW  | 3,70 (1)                              |                                       | 3,96 (1)                              |                                       | 4,40 (1)                              |                                       |
|                                | Nom.                                           |      | kW  | 5,90 (2)                              |                                       | 9,00 (2)                              |                                       |                                       |                                       |
|                                | Max.                                           |      | kW  | 9,75 (1)                              |                                       | 10,44 (1)                             |                                       | 11,60 (1)                             |                                       |
| Opgenomen vermogen             | Verwarmen                                      | Min. | kW  | 0,84 (3)                              |                                       | 0,90 (3)                              |                                       | 1,00 (3)                              |                                       |
|                                |                                                | Nom. | kW  | 1,23 (2)                              |                                       | 1,80 (2)                              |                                       |                                       |                                       |
|                                |                                                | Max. | kW  | 2,17 (3)                              |                                       | 2,32 (3)                              |                                       | 2,58 (3)                              |                                       |
|                                | Sanitair<br>warm water<br>van 10°C tot<br>50°C | Nom. | kWh | 2,57 (4)                              | 2,85 (4)                              | 2,57 (4)                              | 2,85 (4)                              | 2,57 (4)                              | 2,85 (4)                              |
|                                |                                                |      |     |                                       |                                       |                                       |                                       |                                       |                                       |
| Heat up time from 10°C to 50°C |                                                |      | hr  | 1h02min at 7°C<br>ambient temperature | 1h13min at 7°C<br>ambient temperature | 1h02min at 7°C<br>ambient temperature | 1h13min at 7°C<br>ambient temperature | 1h02min at 7°C<br>ambient temperature | 1h13min at 7°C<br>ambient temperature |
| COP                            |                                                |      |     | 4,79 (2)                              |                                       | 5,00 (2)                              |                                       |                                       |                                       |

## 2 Specificaties

### 2 - 1 Specificaties

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| Technische specificaties                       |                                                |                                         |            | ETVH16S18E9W7 + EPRA14DW17                                                                 | ETVH16S23E9W7 + EPRA14DW17                              | ETVH16S18E9W7 + EPRA16DW17                   | ETVH16S23E9W7 + EPRA16DW17                              | ETVH16S18E9W7 + EPRA18DW17                   | ETVH16S23E9W7 + EPRA18DW17                              |
|------------------------------------------------|------------------------------------------------|-----------------------------------------|------------|--------------------------------------------------------------------------------------------|---------------------------------------------------------|----------------------------------------------|---------------------------------------------------------|----------------------------------------------|---------------------------------------------------------|
| Pomp                                           | Type                                           |                                         |            | Grundfos UPMXL GEO 25-125 130 PWM                                                          |                                                         |                                              |                                                         |                                              |                                                         |
|                                                | Nominale externe statische druk unit           | Verwarmen                               | kPa        | 111,2 (5)                                                                                  |                                                         | 97,4 (5)                                     |                                                         |                                              |                                                         |
| Warmtewisselaar waterzijde                     | Waterhoeveelheid                               | Verwarmen                               | Nom. l/min | 16,3 (2)                                                                                   |                                                         | 25,8 (2)                                     |                                                         |                                              |                                                         |
| General                                        | Gegevens van leverancier/fabrikant             | Naam en adres                           |            | Daikin Europe N.V. - Zandvoordestraat 300, 8400 Oostende, Belgium                          |                                                         |                                              |                                                         |                                              |                                                         |
|                                                |                                                | Naam of handelsmerk                     |            | Daikin Europe N.V.                                                                         |                                                         |                                              |                                                         |                                              |                                                         |
|                                                | Product description                            | Lucht/water-warmtepomp                  |            | Ja                                                                                         |                                                         |                                              |                                                         |                                              |                                                         |
|                                                |                                                | Glycol/water-warmtepomp                 |            | Nee                                                                                        |                                                         |                                              |                                                         |                                              |                                                         |
|                                                |                                                | Verwarming combinatie warmtepomp        |            | Ja                                                                                         |                                                         |                                              |                                                         |                                              |                                                         |
|                                                |                                                | Lagetemperatuurswarmtepomp              |            | Nee                                                                                        |                                                         |                                              |                                                         |                                              |                                                         |
|                                                |                                                | Ingebouwde hulpverwarming               |            | Ja                                                                                         |                                                         |                                              |                                                         |                                              |                                                         |
|                                                | LW(A) geluidsvermogensniveau (volgens EN14825) | Water/water-warmtepomp                  |            | Nee                                                                                        |                                                         |                                              |                                                         |                                              |                                                         |
|                                                |                                                | Binnen                                  | dB(A)      | 44,0                                                                                       |                                                         |                                              |                                                         |                                              |                                                         |
|                                                |                                                |                                         |            |                                                                                            |                                                         |                                              |                                                         |                                              |                                                         |
| LW(A) Sound power level (according to EN14825) | Outdoor                                        |                                         | dB(A)      | 54,0                                                                                       |                                                         |                                              |                                                         |                                              |                                                         |
| Ecodesign geluidsconditie en energielabel      |                                                |                                         |            | Geluidsvermogen in verwarmingsmodus, gemeten volgens EN12102 onder voorwaarden van EN14825 |                                                         |                                              |                                                         |                                              |                                                         |
| Tank                                           | Naam                                           |                                         |            | Roestvrijstalen sanitaire warmwatertank 180l                                               | Roestvrijstalen tank voor sanitair warm water van 230 L | Roestvrijstalen sanitaire warmwatertank 180l | Roestvrijstalen tank voor sanitair warm water van 230 L | Roestvrijstalen sanitaire warmwatertank 180l | Roestvrijstalen tank voor sanitair warm water van 230 L |
| Algemene verwarming                            | Andere                                         | Capacity control                        |            | Inverter                                                                                   |                                                         |                                              |                                                         |                                              |                                                         |
|                                                |                                                | Pck (carterverwarming aan)              | kW         | 0,000                                                                                      |                                                         |                                              |                                                         |                                              |                                                         |
|                                                |                                                | Poff (uitgeschakelde stand)             | kW         | 0,031                                                                                      |                                                         |                                              |                                                         |                                              |                                                         |
|                                                |                                                | Psb (in stand-by)                       | kW         | 0,042                                                                                      |                                                         |                                              |                                                         |                                              |                                                         |
|                                                |                                                | Pto (thermostaat uit)                   | kW         | 0,033                                                                                      |                                                         |                                              |                                                         |                                              |                                                         |
| Sanitair warm water                            | Algemeen                                       | Aangegevens belastingprofiel            |            | L                                                                                          | XL                                                      | L                                            | XL                                                      | L                                            | XL                                                      |
| Algemene verwarming                            | Ingebouwde hulpverwarming                      | Psup                                    | kW         | 9,0                                                                                        |                                                         |                                              |                                                         |                                              |                                                         |
|                                                |                                                | Type stroomvoorziening                  |            | Elektrisch                                                                                 |                                                         |                                              |                                                         |                                              |                                                         |
| Sanitair warm water                            | Gematigd klimaat                               | AEC (jaarlijks stroomverbruik)          | kWh        | 969                                                                                        | 1.572                                                   | 969                                          | 1.572                                                   | 969                                          | 1.572                                                   |
|                                                |                                                | COPdhw                                  |            | 2,51                                                                                       | 2,55                                                    | 2,51                                         | 2,55                                                    | 2,51                                         | 2,55                                                    |
|                                                |                                                | Heat up time                            |            | 1h 06min                                                                                   | 1h 19min                                                | 1h 06min                                     | 1h 19min                                                | 1h 06min                                     | 1h 19min                                                |
|                                                |                                                | ηwh (waterverwarmingsrendement)         | %          | 106                                                                                        | 107                                                     | 106                                          | 107                                                     | 106                                          | 107                                                     |
| Sanitair warm water                            | Gematigd klimaat                               | Qelec (dagelijks stroomverbruik)        | kWh        | 4,650                                                                                      | 7,480                                                   | 4,650                                        | 7,480                                                   | 4,650                                        | 7,480                                                   |
|                                                |                                                | Referentietemperatuur warm water        | °C         | 52,5                                                                                       |                                                         |                                              |                                                         |                                              |                                                         |
|                                                |                                                | Stand-by vermogen ingang                | W          | 42,9                                                                                       | 58,5                                                    | 42,9                                         | 58,5                                                    | 42,9                                         | 58,5                                                    |
|                                                |                                                | Energierendementsklasse waterverwarming |            | A                                                                                          |                                                         |                                              |                                                         |                                              |                                                         |
|                                                | Koud klimaat                                   | AEC (jaarlijks stroomverbruik)          | kWh        | 1.124                                                                                      | 1.839                                                   | 1.124                                        | 1.839                                                   | 1.124                                        | 1.839                                                   |
|                                                |                                                | COPdhw                                  |            | 2,17                                                                                       | 2,19                                                    | 2,17                                         | 2,19                                                    | 2,17                                         | 2,19                                                    |
|                                                |                                                | Heat up time                            |            | 1h 04min                                                                                   | 1h 16min                                                | 1h 04min                                     | 1h 16min                                                | 1h 04min                                     | 1h 16min                                                |
|                                                |                                                | ηwh (waterverwarmingsrendement)         | %          | 91                                                                                         |                                                         |                                              |                                                         |                                              |                                                         |
|                                                | Warm klimaat                                   | Qelec (dagelijks stroomverbruik)        | kWh        | 5,370                                                                                      | 8,720                                                   | 5,370                                        | 8,720                                                   | 5,370                                        | 8,720                                                   |
|                                                |                                                | Referentietemperatuur warm water        | °C         | 52,5                                                                                       |                                                         |                                              |                                                         |                                              |                                                         |
|                                                |                                                | Stand-by vermogen ingang                | W          | 45,0                                                                                       | 63,7                                                    | 45,0                                         | 63,7                                                    | 45,0                                         | 63,7                                                    |
|                                                |                                                | AEC (jaarlijks stroomverbruik)          | kWh        | 876                                                                                        | 1.413                                                   | 876                                          | 1.413                                                   | 876                                          | 1.413                                                   |
|                                                |                                                | COPdhw                                  |            | 2,76                                                                                       | 2,83                                                    | 2,76                                         | 2,83                                                    | 2,76                                         | 2,83                                                    |
|                                                |                                                | Heat up time                            |            | 1h 15min                                                                                   | 1h 30min                                                | 1h 15min                                     | 1h 30min                                                | 1h 15min                                     | 1h 30min                                                |
|                                                |                                                | ηwh (waterverwarmingsrendement)         | %          | 117                                                                                        | 119                                                     | 117                                          | 119                                                     | 117                                          | 119                                                     |
|                                                |                                                | Qelec (dagelijks stroomverbruik)        | kWh        | 4,220                                                                                      | 6,740                                                   | 4,220                                        | 6,740                                                   | 4,220                                        | 6,740                                                   |
|                                                |                                                | Referentietemperatuur warm water        | °C         | 52,5                                                                                       |                                                         |                                              |                                                         |                                              |                                                         |
|                                                |                                                | Stand-by vermogen ingang                | W          | 41,6                                                                                       | 55,4                                                    | 41,6                                         | 55,4                                                    | 41,6                                         | 55,4                                                    |

## 2 Specificaties

### 2 - 1 Specificaties

| Technische specificaties                                                                        |                                             |                                               |                                           | ETVH16S18E9W7 +<br>EPRA14DW17 | ETVH16S23E9W7 +<br>EPRA14DW17 | ETVH16S18E9W7 +<br>EPRA16DW17 | ETVH16S23E9W7 +<br>EPRA16DW17 | ETVH16S18E9W7 +<br>EPRA18DW17 | ETVH16S23E9W7 +<br>EPRA18DW17 |
|-------------------------------------------------------------------------------------------------|---------------------------------------------|-----------------------------------------------|-------------------------------------------|-------------------------------|-------------------------------|-------------------------------|-------------------------------|-------------------------------|-------------------------------|
| Verwarming<br> | Wateruitlaat<br>gematigd<br>klimaat<br>55°C | Algemeen                                      | Annual energy consumption                 | kWh                           |                               |                               |                               | 7,236                         |                               |
|                                                                                                 |                                             |                                               | ηs (seizoensefficiëntie ruimteverwarming) | %                             |                               |                               |                               | 140                           |                               |
|                                                                                                 |                                             |                                               | Pnominiaal -10°C                          | kW                            |                               |                               |                               | 13                            |                               |
|                                                                                                 |                                             |                                               | Qhe Annual energy consumption (GCV)       | Gj                            |                               |                               |                               | 26                            |                               |
|                                                                                                 |                                             |                                               | SCOP                                      |                               |                               |                               |                               | 3,57                          |                               |
|                                                                                                 |                                             |                                               | Seizoensefficiëntieklasse verwarming      |                               |                               |                               |                               | A++                           |                               |
|                                                                                                 |                                             |                                               | A-conditie Cdh (reductie van verwarming)  |                               |                               |                               |                               | 1,0                           |                               |
|                                                                                                 |                                             |                                               | (-7°C DB/-8°C NB) COPd                    |                               |                               |                               |                               | 2,43                          |                               |
|                                                                                                 |                                             |                                               | Pdh                                       | kW                            |                               |                               |                               | 11,1                          |                               |
|                                                                                                 |                                             |                                               | PERd                                      | %                             |                               |                               |                               | 97,2                          |                               |
|                                                                                                 |                                             |                                               | B-conditie Cdh (reductie van verwarming)  |                               |                               |                               |                               | 1,0                           |                               |
|                                                                                                 |                                             |                                               | (2°C DB/1°C NB) COPd                      |                               |                               |                               |                               | 3,52                          |                               |
|                                                                                                 |                                             |                                               | Pdh                                       | kW                            |                               |                               |                               | 6,7                           |                               |
|                                                                                                 |                                             |                                               | PERd                                      | %                             |                               |                               |                               | 140,8                         |                               |
|                                                                                                 |                                             |                                               | C-conditie Cdh (reductie van verwarming)  |                               |                               |                               |                               | 1,0                           |                               |
|                                                                                                 |                                             |                                               | (7°C DB/6°C NB) COPd                      |                               |                               |                               |                               | 4,54                          |                               |
|                                                                                                 |                                             |                                               | Pdh                                       | kW                            |                               |                               |                               | 6,5                           |                               |
|                                                                                                 |                                             |                                               | PERd                                      | %                             |                               |                               |                               | 181,6                         |                               |
|                                                                                                 |                                             |                                               | D-conditie Cdh (reductie van verwarming)  |                               |                               |                               |                               | 1,0                           |                               |
|                                                                                                 |                                             |                                               | (12°C DB/11°C NB) COPd                    |                               |                               |                               |                               |                               |                               |
| Verwarming<br> | Wateruitlaat<br>gematigd<br>klimaat<br>55°C | D-conditie (12°C DB/11°C NB)                  | COPd                                      |                               |                               |                               |                               | 5,97                          |                               |
|                                                                                                 |                                             |                                               | Pdh                                       | kW                            |                               |                               |                               | 5,2                           |                               |
|                                                                                                 |                                             |                                               | PERd                                      | %                             |                               |                               |                               | 238,8                         |                               |
|                                                                                                 |                                             | TOL (bedrijfstemperatuur)                     | COPd                                      |                               |                               |                               |                               | 2,12                          |                               |
|                                                                                                 |                                             |                                               | Pdh                                       | kW                            |                               |                               |                               | 12,5                          |                               |
|                                                                                                 |                                             |                                               | PERd                                      | %                             |                               |                               |                               | 84,8                          |                               |
|                                                                                                 |                                             |                                               | TOL                                       | °C                            |                               |                               |                               | -10                           |                               |
|                                                                                                 |                                             |                                               | WTOL                                      | °C                            |                               |                               |                               | 55                            |                               |
|                                                                                                 |                                             | Extra capaciteit nominaal verwarmingsvermogen | Psup (bij Tontwerp -10°C)                 | kW                            |                               |                               |                               | 0,0                           |                               |
|                                                                                                 |                                             |                                               | Tbiv                                      |                               |                               |                               |                               |                               |                               |
|                                                                                                 |                                             |                                               | COPd                                      |                               |                               |                               |                               | 2,12                          |                               |
|                                                                                                 |                                             | (bivalente temperatuur)                       | Pdh                                       | kW                            |                               |                               |                               | 12,5                          |                               |
|                                                                                                 |                                             |                                               | PERd                                      | %                             |                               |                               |                               | 84,8                          |                               |
|                                                                                                 |                                             |                                               | Tbiv                                      | °C                            |                               |                               |                               | -10                           |                               |
|                                                                                                 | Wateruitlaat<br>koud klimaat<br>55°C        | Algemeen                                      | Annual energy consumption                 | kWh                           |                               |                               |                               | 9,658                         |                               |
|                                                                                                 |                                             |                                               | ηs (seizoensefficiëntie ruimteverwarming) | %                             |                               |                               |                               | 125                           |                               |
|                                                                                                 |                                             |                                               | Pnominiaal -22°C                          | kW                            |                               |                               |                               | 13                            |                               |
|                                                                                                 |                                             |                                               | Qhe Annual energy consumption (GCV)       | Gj                            |                               |                               |                               | 35                            |                               |
|                                                                                                 |                                             |                                               | Cdh (reductie van verwarming)             |                               |                               |                               |                               | 1,0                           |                               |
|                                                                                                 |                                             |                                               | (-7°C DB/-8°C NB) COPd                    |                               |                               |                               |                               | 2,74                          |                               |
|                                                                                                 |                                             |                                               | Pdh                                       | kW                            |                               |                               |                               | 7,5                           |                               |
|                                                                                                 |                                             |                                               | PERd                                      | %                             |                               |                               |                               | 109,6                         |                               |
|                                                                                                 |                                             |                                               | B-conditie Cdh (reductie van verwarming)  |                               |                               |                               |                               | 1,0                           |                               |
|                                                                                                 |                                             |                                               | (2°C DB/1°C NB) COPd                      |                               |                               |                               |                               | 3,67                          |                               |
|                                                                                                 |                                             |                                               | Pdh                                       | kW                            |                               |                               |                               | 5,8                           |                               |
|                                                                                                 |                                             |                                               | PERd                                      | %                             |                               |                               |                               | 146,8                         |                               |
|                                                                                                 |                                             |                                               | C-conditie Cdh (reductie van verwarming)  |                               |                               |                               |                               | 1,0                           |                               |
|                                                                                                 |                                             |                                               | (7°C DB/6°C NB) COPd                      |                               |                               |                               |                               | 4,69                          |                               |
|                                                                                                 |                                             |                                               | Pdh                                       | kW                            |                               |                               |                               | 5,6                           |                               |
|                                                                                                 |                                             |                                               | PERd                                      | %                             |                               |                               |                               | 187,6                         |                               |
|                                                                                                 |                                             |                                               | D-conditie COPd                           |                               |                               |                               |                               | 6,12                          |                               |
|                                                                                                 |                                             |                                               | (12°C DB/11°C NB) Pdh                     | kW                            |                               |                               |                               | 6,2                           |                               |
|                                                                                                 |                                             |                                               | PERd                                      | %                             |                               |                               |                               | 244,8                         |                               |
|                                                                                                 |                                             | TOL (bedrijfstemperatuur)                     | COPd                                      |                               |                               |                               |                               | 1,65                          |                               |
|                                                                                                 |                                             |                                               | Pdh                                       | kW                            |                               |                               |                               | 10,6                          |                               |
|                                                                                                 |                                             |                                               | PERd                                      | %                             |                               |                               |                               | 66,0                          |                               |
|                                                                                                 |                                             |                                               | TOL                                       | °C                            |                               |                               |                               | -22                           |                               |
|                                                                                                 |                                             |                                               | WTOL                                      | °C                            |                               |                               |                               | 55                            |                               |

# 2 Specificaties

## 2 - 1 Specificaties

| Technische specificaties           |                                |                         |                                             | ETVH16S18E9W7 + EPRA14DW17 | ETVH16S23E9W7 + EPRA14DW17 | ETVH16S18E9W7 + EPRA16DW17 | ETVH16S23E9W7 + EPRA16DW17 | ETVH16S18E9W7 + EPRA18DW17 | ETVH16S23E9W7 + EPRA18DW17 |
|------------------------------------|--------------------------------|-------------------------|---------------------------------------------|----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|
| Verwarming                         | Wateruitlaat koud klimaat 55°C | G-conditie (-15°C DB/-) | COPd                                        |                            |                            |                            |                            |                            | 2,17                       |
|                                    |                                |                         | Pdh kW                                      |                            |                            |                            |                            |                            | 10,3                       |
|                                    |                                | 55°C                    | PERd %                                      |                            |                            |                            |                            |                            | 86,8                       |
|                                    |                                |                         | Tbiv COPd                                   |                            |                            |                            |                            |                            | 1,90                       |
|                                    |                                |                         | (bivalente Pdh kW                           |                            |                            |                            |                            |                            | 11,0                       |
|                                    |                                |                         | tempera- PERd %                             |                            |                            |                            |                            |                            | 76,0                       |
|                                    |                                |                         | tuur) Tbiv °C                               |                            |                            |                            |                            |                            | -18                        |
|                                    |                                |                         | Extra Psup (bij Tontwerp kW                 |                            |                            |                            |                            |                            | 1,9                        |
|                                    |                                |                         | capaciteit ~22°C)                           |                            |                            |                            |                            |                            |                            |
|                                    |                                |                         | nominaal verwar- mingsver- mogen            |                            |                            |                            |                            |                            |                            |
| Wateruitlaat warm klimaat 55°C     | Algemeen                       |                         | Annual energy consumption kWh               |                            |                            |                            |                            |                            | 4.453                      |
|                                    |                                |                         | ηs (seizoensefficiëntie ruimteverwarming) % |                            |                            |                            |                            |                            | 166                        |
|                                    |                                |                         | Pnominaal 2°C kW                            |                            |                            |                            |                            |                            | 14                         |
|                                    |                                |                         | Qhe Annual energy consumption (GCV) Gj      |                            |                            |                            |                            |                            | 16                         |
|                                    | B-conditie (2°C DB/1°C NB)     |                         | Cdh (reductie van verwarming)               |                            |                            |                            |                            |                            | 1,0                        |
|                                    |                                |                         | COPd                                        |                            |                            |                            |                            |                            | 2,62                       |
|                                    |                                |                         | Pdh kW                                      |                            |                            |                            |                            |                            | 11,4                       |
|                                    |                                |                         | PERd %                                      |                            |                            |                            |                            |                            | 104,8                      |
|                                    | C-conditie (7°C DB/6°C NB)     |                         | Cdh (reductie van verwarming)               |                            |                            |                            |                            |                            | 1,0                        |
|                                    |                                |                         | COPd                                        |                            |                            |                            |                            |                            | 3,78                       |
|                                    |                                |                         | Pdh kW                                      |                            |                            |                            |                            |                            | 9,0                        |
|                                    |                                |                         | PERd %                                      |                            |                            |                            |                            |                            | 151,2                      |
|                                    | D-conditie (12°C DB/11°C NB)   |                         | Cdh (reductie van verwarming)               |                            |                            |                            |                            |                            | 1,0                        |
|                                    |                                |                         | COPd                                        |                            |                            |                            |                            |                            | 5,63                       |
|                                    |                                |                         | Pdh kW                                      |                            |                            |                            |                            |                            | 5,9                        |
|                                    |                                |                         | PERd %                                      |                            |                            |                            |                            |                            | 225,2                      |
|                                    | Tbiv (bivalente tempera- tuur) |                         | COPd                                        |                            |                            |                            |                            |                            | 3,43                       |
|                                    |                                |                         | Pdh kW                                      |                            |                            |                            |                            |                            | 11,1                       |
|                                    |                                |                         | PERd %                                      |                            |                            |                            |                            |                            | 137,2                      |
|                                    |                                |                         | Tbiv °C                                     |                            |                            |                            |                            |                            | 5                          |
| Wateruitlaat 45°C                  | H-voorwaar- de (-2°C)          | Max.                    | kW                                          |                            | 11,1                       |                            |                            | 11,8                       |                            |
| Wateruitlaat gematigd klimaat 35°C | Algemeen                       |                         | Annual energy consumption kWh               |                            |                            |                            |                            |                            | 5.479                      |
|                                    |                                |                         | ηs (seizoensefficiëntie ruimteverwarming) % |                            |                            |                            |                            |                            | 186                        |
|                                    |                                |                         | Pnominaal -10°C kW                          |                            |                            |                            |                            |                            | 13                         |
|                                    |                                |                         | Qhe Annual energy consumption (GCV) Gj      |                            |                            |                            |                            |                            | 20                         |
|                                    |                                |                         | SCOP                                        |                            |                            |                            |                            |                            | 4,71                       |
|                                    |                                |                         | Seizoensefficiëntieklasse verwarming        |                            |                            |                            |                            |                            | A+++                       |
|                                    | A-conditie 47°C DB/-8°C NB)    |                         | COPd                                        |                            |                            |                            |                            |                            | 2,97                       |
|                                    |                                |                         | Pdh kW                                      |                            |                            |                            |                            |                            | 10,7                       |



## 2 Specificaties

### 2 - 1 Specificaties

| Technische specificaties |                                    |                                               |                                           | ETVH16S18E9W7 + EPRA14DW17 | ETVH16S23E9W7 + EPRA14DW17 | ETVH16S18E9W7 + EPRA16DW17 | ETVH16S23E9W7 + EPRA16DW17 | ETVH16S18E9W7 + EPRA18DW17 | ETVH16S23E9W7 + EPRA18DW17 |
|--------------------------|------------------------------------|-----------------------------------------------|-------------------------------------------|----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|
| Verwarming               | Wateruitlaat gematigd klimaat 35°C | A-conditie (-7°C DB/-8°C NB)                  | PERd                                      | %                          |                            |                            |                            | 118,8                      |                            |
|                          |                                    | B-conditie (2°C DB/1°C NB)                    | Cdh (reductie van verwarming)             |                            |                            |                            | 1,0                        |                            |                            |
|                          |                                    |                                               | COPd                                      |                            |                            |                            | 4,94                       |                            |                            |
|                          |                                    |                                               | Pdh                                       | kW                         |                            |                            | 6,9                        |                            |                            |
|                          |                                    |                                               | PERd                                      | %                          |                            |                            | 197,6                      |                            |                            |
|                          |                                    | C-conditie (7°C DB/6°C NB)                    | Cdh (reductie van verwarming)             |                            |                            |                            | 1,0                        |                            |                            |
|                          |                                    |                                               | COPd                                      |                            |                            |                            | 5,95                       |                            |                            |
|                          |                                    |                                               | Pdh                                       | kW                         |                            |                            | 6,2                        |                            |                            |
|                          |                                    |                                               | PERd                                      | %                          |                            |                            | 238,0                      |                            |                            |
|                          |                                    | D-conditie (12°C DB/11°C NB)                  | Cdh (reductie van verwarming)             |                            |                            |                            | 1,0                        |                            |                            |
|                          |                                    |                                               | COPd                                      |                            |                            |                            | 7,07                       |                            |                            |
|                          |                                    |                                               | Pdh                                       | kW                         |                            |                            | 5,6                        |                            |                            |
|                          |                                    |                                               | PERd                                      | %                          |                            |                            | 282,8                      |                            |                            |
|                          |                                    | TOL (bedrijfstemperatuur)                     | COPd                                      |                            |                            |                            | 2,88                       |                            |                            |
|                          |                                    |                                               | Pdh                                       | kW                         |                            |                            | 12,1                       |                            |                            |
|                          |                                    |                                               | PERd                                      | %                          |                            |                            | 115,2                      |                            |                            |
|                          |                                    |                                               | TOL                                       | °C                         |                            |                            | -10                        |                            |                            |
|                          |                                    | Tbiv (bivalente temperatuur)                  | WTOL                                      | °C                         |                            |                            | 35                         |                            |                            |
|                          |                                    |                                               | COPd                                      |                            |                            |                            | 2,97                       |                            |                            |
|                          |                                    |                                               | Pdh                                       | kW                         |                            |                            | 10,7                       |                            |                            |
|                          |                                    |                                               | PERd                                      | %                          |                            |                            | 118,8                      |                            |                            |
|                          |                                    | Extra capaciteit nominaal verwarmingsvermogen | Tbiv                                      | °C                         |                            |                            | -7                         |                            |                            |
|                          |                                    |                                               | Psup (bij Tontwerp -10°C)                 | kW                         |                            |                            | 0,4                        |                            |                            |
|                          | Wateruitlaat koud klimaat 35°C     | Algemeen                                      | Annual energy consumption                 | kWh                        |                            |                            | 7.445                      |                            |                            |
|                          |                                    |                                               | ηs (seizoensefficiëntie ruimteverwarming) | %                          |                            |                            | 163                        |                            |                            |
|                          |                                    |                                               | Phnominaal -22°C                          | kW                         |                            |                            | 13                         |                            |                            |
|                          |                                    |                                               | Qhe jaarl. energieverbruik (GCV)          | GJ                         |                            |                            | 27                         |                            |                            |
|                          |                                    |                                               | A Condition COPd                          |                            |                            |                            | 3,50                       |                            |                            |
|                          |                                    | B/-8°CWB)                                     | Pdh                                       | kW                         |                            |                            | 8,0                        |                            |                            |
|                          |                                    |                                               | PERd                                      | %                          |                            |                            | 140,0                      |                            |                            |
|                          |                                    |                                               | Cdh (reductie van verwarming)             |                            |                            |                            | 1,0                        |                            |                            |
|                          |                                    | B Condition (2°CDB/-8°CWB)                    | COPd                                      |                            |                            |                            | 5,07                       |                            |                            |
|                          |                                    |                                               | Pdh                                       | kW                         |                            |                            | 4,9                        |                            |                            |
|                          |                                    |                                               | PERd                                      | %                          |                            |                            | 202,8                      |                            |                            |
|                          |                                    | C-conditie (7°C DB/6°C NB)                    | Cdh (reductie van verwarming)             |                            |                            |                            | 1,0                        |                            |                            |
|                          |                                    |                                               | COPd                                      |                            |                            |                            | 6,10                       |                            |                            |
|                          |                                    |                                               | Pdh                                       | kW                         |                            |                            | 5,3                        |                            |                            |

## 2 Specificaties

### 2 - 1 Specificaties

2

| Technische specificaties |                                                |                                               |                                           | ETVH16S18E9W7 + EPRA14DW17 | ETVH16S23E9W7 + EPRA14DW17 | ETVH16S18E9W7 + EPRA16DW17 | ETVH16S23E9W7 + EPRA16DW17 | ETVH16S18E9W7 + EPRA18DW17 | ETVH16S23E9W7 + EPRA18DW17 |
|--------------------------|------------------------------------------------|-----------------------------------------------|-------------------------------------------|----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|
| Verwarming               | Wateruitlaat koud klimaat (7°C DB/6°C NB) 35°C | PERd                                          | %                                         |                            |                            |                            |                            | 244,0                      |                            |
|                          |                                                | D-conditie (12°C DB/11°C NB)                  | Cdh (reductie van verwarming)             |                            |                            |                            | 1,0                        |                            |                            |
|                          |                                                |                                               | COPd                                      |                            |                            |                            | 7,03                       |                            |                            |
|                          |                                                |                                               | Pdh                                       | kW                         |                            |                            | 5,7                        |                            |                            |
|                          |                                                |                                               | PERd                                      | %                          |                            |                            | 281,2                      |                            |                            |
|                          |                                                | TOL (bedrijfstemperatuur)                     | COPd                                      |                            |                            |                            | 2,17                       |                            |                            |
|                          |                                                |                                               | Pdh                                       | kW                         |                            |                            | 9,2                        |                            |                            |
|                          |                                                |                                               | PERd                                      | %                          |                            |                            | 86,8                       |                            |                            |
|                          |                                                |                                               | TOL                                       | °C                         |                            |                            | -22                        |                            |                            |
|                          |                                                |                                               | WTOL                                      | °C                         |                            |                            | 35                         |                            |                            |
|                          |                                                | G-conditie (-15°C DB/-)                       | COPd                                      |                            |                            |                            | 2,62                       |                            |                            |
|                          |                                                |                                               | Pdh                                       | kW                         |                            |                            | 10,7                       |                            |                            |
|                          |                                                |                                               | PERd                                      | %                          |                            |                            | 104,8                      |                            |                            |
|                          |                                                | Tbiv (bivalente temperatuur)                  | COPd                                      |                            |                            |                            | 2,62                       |                            |                            |
|                          |                                                |                                               | Pdh                                       | kW                         |                            |                            | 10,7                       |                            |                            |
|                          |                                                |                                               | PERd                                      | %                          |                            |                            | 104,8                      |                            |                            |
|                          |                                                |                                               | Tbiv                                      | °C                         |                            |                            | -15                        |                            |                            |
|                          |                                                | Extra capaciteit nominaal verwarmingsvermogen | Psup (bij Tontwerp -22°C)                 | kW                         |                            |                            | 3,3                        |                            |                            |
|                          | Wateruitlaat warm klimaat 35°C                 | Algemeen                                      | Annual energy consumption                 | kWh                        |                            |                            | 2.992                      |                            |                            |
|                          |                                                |                                               | ηs (seizoensefficiëntie ruimteverwarming) | %                          |                            |                            | 220                        |                            |                            |
|                          |                                                |                                               | Phominaal 2°C                             | kW                         |                            |                            | 13                         |                            |                            |
|                          |                                                |                                               | Qhe Annual energy consumption (GCV)       | Gj                         |                            |                            | 11                         |                            |                            |
|                          |                                                | B-conditie (2°C DB/1°C NB)                    | Cdh (reductie van verwarming)             |                            |                            |                            | 1,0                        |                            |                            |
|                          |                                                |                                               | COPd                                      |                            |                            |                            | 3,51                       |                            |                            |
|                          |                                                |                                               | Pdh                                       | kW                         |                            |                            | 10,0                       |                            |                            |
|                          |                                                |                                               | PERd                                      | %                          |                            |                            | 140,4                      |                            |                            |
|                          |                                                | C-conditie (7°C DB/6°C NB)                    | Cdh (reductie van verwarming)             |                            |                            |                            | 1,0                        |                            |                            |
|                          |                                                |                                               | COPd                                      |                            |                            |                            | 5,67                       |                            |                            |
|                          |                                                |                                               | Pdh                                       | kW                         |                            |                            | 8,3                        |                            |                            |
|                          |                                                |                                               | PERd                                      | %                          |                            |                            | 226,8                      |                            |                            |
|                          |                                                | Tbiv (bivalente temperatuur)                  | COPd                                      |                            |                            |                            | 4,96                       |                            |                            |
|                          |                                                |                                               | Pdh                                       | kW                         |                            |                            | 9,8                        |                            |                            |
|                          |                                                |                                               | PERd                                      | %                          |                            |                            | 198,4                      |                            |                            |
|                          |                                                |                                               | Tbiv                                      | °C                         |                            |                            | 5                          |                            |                            |
|                          |                                                | D-conditie (12°C DB/11°C NB)                  | Cdh (reductie van verwarming)             |                            |                            |                            | 1,0                        |                            |                            |
|                          |                                                |                                               | COPd                                      |                            |                            |                            | 7,04                       |                            |                            |
|                          |                                                |                                               | Pdh                                       | kW                         |                            |                            | 5,7                        |                            |                            |
|                          |                                                |                                               | PERd                                      | %                          |                            |                            | 281,6                      |                            |                            |

(1)Capaciteit overeenkomstig norm EN14511 en geldig voor een verwarmd waterbereik met dT = 3~8°C at Ta 7°C |

(2)Voorwaarde: Ta DB/NB 7°C/6°C - LWC 35°C (DT = 5°C) |

(3)Het opgenomen vermogen is het totaal van binnen- en buitenunits, met inbegrip van de circulatiepomp; overeenkomstig EN14511 |

(4)Getest bij Ta DB/NB 7°C/6°C. Conform EN 16147. |

(5)DB/WB 7°C/6°C - LWC 35°C (dT=5°C) met pomp aan volledig toerental |

Koelen: EW 23°C; LW 18°C; omgevingsomstandigheden: 35°CDB |

Koelen: EW 120; LW 70; omgevingsomstandigheden: 35°CDB

| Technische specificaties |                                       |      |     | ETVX16S18E6V7 + EPRA14DW17 | ETVX16S23E6V7 + EPRA14DW17 | ETVX16S18E6V7 + EPRA16DW17 | ETVX16S23E6V7 + EPRA16DW17 | ETVX16S18E6V7 + EPRA18DW17 | ETVX16S23E6V7 + EPRA18DW17 |
|--------------------------|---------------------------------------|------|-----|----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|
| Verwarmingscapaciteit    | Min.                                  |      | kW  | 3,70 (1)                   |                            | 3,96 (1)                   |                            | 4,40 (1)                   |                            |
|                          | Nom.                                  |      | kW  | 5,90 (2)                   |                            |                            | 9,00 (2)                   |                            |                            |
|                          | Max.                                  |      | kW  | 9,75 (1)                   |                            | 10,44 (1)                  |                            | 11,60 (1)                  |                            |
| Koelvermogen             | Nom.                                  |      | kW  | 10,6 (3) / 6,90 (4)        |                            | 11,5 (3) / 7,88 (4)        |                            | 12,5 (3) / 8,86 (4)        |                            |
| Opgenomen vermogen       | Verwarmen                             | Min. | kW  | 0,84 (5)                   |                            | 0,90 (5)                   |                            | 1,00 (5)                   |                            |
|                          |                                       | Nom. | kW  | 1,23 (2)                   |                            |                            | 1,80 (2)                   |                            |                            |
|                          |                                       | Max. | kW  | 2,17 (5)                   |                            | 2,32 (5)                   |                            | 2,58 (5)                   |                            |
|                          | Koelen                                | Nom. | kW  | 2,55 (3) / 2,56 (4)        |                            | 2,80 (3) / 2,93 (4)        |                            | 3,05 (3) / 3,31 (4)        |                            |
|                          |                                       |      |     |                            |                            |                            |                            |                            |                            |
|                          |                                       |      |     |                            |                            |                            |                            |                            |                            |
|                          | Sanitair warm water van 10°C tot 50°C | Nom. | kWh | 2,57 (6)                   | 2,85 (6)                   | 2,57 (6)                   | 2,85 (6)                   | 2,57 (6)                   | 2,85 (6)                   |

## 2 Specificaties

### 2 - 1 Specificaties

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| Technische specificaties                  |                                                |                                         |       | ETVX16S18E6V7<br>+ EPRA14DW17                                                              | ETVX16S23E6V7<br>+ EPRA14DW17                           | ETVX16S18E6V7<br>+ EPRA16DW17                 | ETVX16S23E6V7<br>+ EPRA16DW17                           | ETVX16S18E6V7<br>+ EPRA18DW17                 | ETVX16S23E6V7<br>+ EPRA18DW17                           |
|-------------------------------------------|------------------------------------------------|-----------------------------------------|-------|--------------------------------------------------------------------------------------------|---------------------------------------------------------|-----------------------------------------------|---------------------------------------------------------|-----------------------------------------------|---------------------------------------------------------|
| Heat up time from 10°C to 50°C            |                                                |                                         |       | hr                                                                                         | 1h02min at 7°C<br>ambient temperature                   | 1h13min at 7°C<br>ambient temperature         | 1h02min at 7°C<br>ambient temperature                   | 1h13min at 7°C<br>ambient temperature         | 1h02min at 7°C<br>ambient temperature                   |
| COP                                       |                                                |                                         |       |                                                                                            | 4,79 (2)                                                |                                               | 5,00 (2)                                                |                                               |                                                         |
| EER                                       |                                                |                                         |       |                                                                                            | 4,13 (3) / 2,70 (4)                                     |                                               | 4,11 (3) / 2,69 (4)                                     |                                               | 4,09 (3) / 2,68 (4)                                     |
| Pomp                                      | Type                                           |                                         |       |                                                                                            | Grundfos UPMXL GEO 25-125 130 PWM                       |                                               |                                                         |                                               |                                                         |
|                                           | Nominale externe statische druk unit           | Verwarmen                               | kPa   |                                                                                            | 111,2 (7)                                               |                                               | 97,4 (7)                                                |                                               |                                                         |
| Warmtewisselaar waterzijde                | Waterhoeveelheid                               | Verwarmen Nom.                          | l/min |                                                                                            | 16,3 (2)                                                |                                               | 25,8 (2)                                                |                                               |                                                         |
| General                                   | Gegevens van leverancier/fabrikant             | Naam en adres                           |       | Daikin Europe N.V. - Zandvoordestraat 300, 8400 Oostende, Belgium                          |                                                         |                                               |                                                         |                                               |                                                         |
|                                           |                                                | Naam of handelsmerk                     |       | Daikin Europe N.V.                                                                         |                                                         |                                               |                                                         |                                               |                                                         |
|                                           | Product description                            | Lucht/water-warmtepomp                  |       | Ja                                                                                         |                                                         |                                               |                                                         |                                               |                                                         |
|                                           |                                                | Glycol/water-warmtepomp                 |       | Nee                                                                                        |                                                         |                                               |                                                         |                                               |                                                         |
|                                           |                                                | Verwarming combinatie warmtepomp        |       | Ja                                                                                         |                                                         |                                               |                                                         |                                               |                                                         |
|                                           |                                                | Lagetemperatuurswarmtepomp              |       | Nee                                                                                        |                                                         |                                               |                                                         |                                               |                                                         |
|                                           |                                                | Ingebouwde hulpverwarming               |       | Ja                                                                                         |                                                         |                                               |                                                         |                                               |                                                         |
|                                           |                                                | Water/water-warmtepomp                  |       | Nee                                                                                        |                                                         |                                               |                                                         |                                               |                                                         |
|                                           | LW(A) geluidsvermogensniveau (volgens EN14825) | Binnen                                  | dB(A) | 44,0                                                                                       |                                                         |                                               |                                                         |                                               |                                                         |
|                                           | LW(A) Sound power level (according to EN14825) | Outdoor                                 | dB(A) | 54,0                                                                                       |                                                         |                                               |                                                         |                                               |                                                         |
| Ecodesign geluidsconditie en energielabel |                                                |                                         |       | Geluidsvermogen in verwarmingsmodus, gemeten volgens EN12102 onder voorwaarden van EN14825 |                                                         |                                               |                                                         |                                               |                                                         |
| Tank                                      | Naam                                           |                                         |       | Roestvrijstalen sanitaire warmwatertank 180 l                                              | Roestvrijstalen tank voor sanitair warm water van 230 L | Roestvrijstalen sanitaire warmwatertank 180 l | Roestvrijstalen tank voor sanitair warm water van 230 L | Roestvrijstalen sanitaire warmwatertank 180 l | Roestvrijstalen tank voor sanitair warm water van 230 L |
| Algemene verwarming                       | Andere                                         | Capacity control                        |       | Inverter                                                                                   |                                                         |                                               |                                                         |                                               |                                                         |
|                                           |                                                | Pck (carterverwarming aan)              | kW    | 0,000                                                                                      |                                                         |                                               |                                                         |                                               |                                                         |
|                                           |                                                | Poff (uitgeschakelde stand)             | kW    | 0,031                                                                                      |                                                         |                                               |                                                         |                                               |                                                         |
|                                           |                                                | Psb (in stand-by)                       | kW    | 0,042                                                                                      |                                                         |                                               |                                                         |                                               |                                                         |
|                                           |                                                | Pto (thermostaat uit)                   | kW    | 0,033                                                                                      |                                                         |                                               |                                                         |                                               |                                                         |
| Sanitair warm water                       | Algemeen                                       | Aangegevens belastingprofiel            |       | L                                                                                          | XL                                                      | L                                             | XL                                                      | L                                             | XL                                                      |
| Algemene verwarming                       | Ingebouwde hulpverwarming                      | Psup                                    | kW    | 6,0                                                                                        |                                                         |                                               |                                                         |                                               |                                                         |
|                                           |                                                | Type stroomvoorziening                  |       | Elektrisch                                                                                 |                                                         |                                               |                                                         |                                               |                                                         |
| Sanitair warm water                       | Gematigd klimaat                               | AEC (jaarlijks stroomverbruik)          | kWh   | 969                                                                                        | 1.572                                                   | 969                                           | 1.572                                                   | 969                                           | 1.572                                                   |
| Sanitair warm water                       | Gematigd klimaat                               | COPdhw                                  |       | 2,51                                                                                       | 2,55                                                    | 2,51                                          | 2,55                                                    | 2,51                                          | 2,55                                                    |
|                                           |                                                | Heat up time                            |       | 1h 06min                                                                                   | 1h 19min                                                | 1h 06min                                      | 1h 19min                                                | 1h 06min                                      | 1h 19min                                                |
|                                           |                                                | ηwh (waterverwarmingsrendement) %       |       | 106                                                                                        | 107                                                     | 106                                           | 107                                                     | 106                                           | 107                                                     |
|                                           |                                                | Qelec (dagelijks stroomverbruik) kWh    |       | 4,650                                                                                      | 7,480                                                   | 4,650                                         | 7,480                                                   | 4,650                                         | 7,480                                                   |
|                                           |                                                | Referentietemperatuur warm water °C     |       | 52,5                                                                                       |                                                         |                                               |                                                         |                                               |                                                         |
|                                           |                                                | Stand-by vermogen ingang W              |       | 42,9                                                                                       | 58,5                                                    | 42,9                                          | 58,5                                                    | 42,9                                          | 58,5                                                    |
|                                           |                                                | Energierendementsklasse waterverwarming |       | A                                                                                          |                                                         |                                               |                                                         |                                               |                                                         |
|                                           |                                                | AEC (jaarlijks stroomverbruik) kWh      |       | 1.124                                                                                      | 1.839                                                   | 1.124                                         | 1.839                                                   | 1.124                                         | 1.839                                                   |
|                                           |                                                | COPdhw                                  |       | 2,17                                                                                       | 2,19                                                    | 2,17                                          | 2,19                                                    | 2,17                                          | 2,19                                                    |
|                                           |                                                | Heat up time                            |       | 1h 04min                                                                                   | 1h 16min                                                | 1h 04min                                      | 1h 16min                                                | 1h 04min                                      | 1h 16min                                                |
|                                           | Koud klimaat                                   | ηwh (waterverwarmingsrendement) %       |       | 91                                                                                         |                                                         |                                               |                                                         |                                               |                                                         |
|                                           |                                                | Qelec (dagelijks stroomverbruik) kWh    |       | 5,370                                                                                      | 8,720                                                   | 5,370                                         | 8,720                                                   | 5,370                                         | 8,720                                                   |
|                                           |                                                | Referentietemperatuur warm water °C     |       | 52,5                                                                                       |                                                         |                                               |                                                         |                                               |                                                         |
|                                           |                                                | Stand-by vermogen ingang W              |       | 45,0                                                                                       | 63,7                                                    | 45,0                                          | 63,7                                                    | 45,0                                          | 63,7                                                    |
|                                           |                                                | AEC (jaarlijks stroomverbruik) kWh      |       | 876                                                                                        | 1.413                                                   | 876                                           | 1.413                                                   | 876                                           | 1.413                                                   |
|                                           |                                                | COPdhw                                  |       | 2,76                                                                                       | 2,83                                                    | 2,76                                          | 2,83                                                    | 2,76                                          | 2,83                                                    |
|                                           |                                                | Heat up time                            |       | 1h 15min                                                                                   | 1h 30min                                                | 1h 15min                                      | 1h 30min                                                | 1h 15min                                      | 1h 30min                                                |
|                                           |                                                | ηwh (waterverwarmingsrendement) %       |       | 117                                                                                        | 119                                                     | 117                                           | 119                                                     | 117                                           | 119                                                     |
|                                           |                                                | Qelec (dagelijks stroomverbruik) kWh    |       | 4,220                                                                                      | 6,740                                                   | 4,220                                         | 6,740                                                   | 4,220                                         | 6,740                                                   |
|                                           |                                                | Referentietemperatuur warm water °C     |       | 52,5                                                                                       |                                                         |                                               |                                                         |                                               |                                                         |
|                                           |                                                | Stand-by vermogen ingang W              |       | 41,6                                                                                       | 55,4                                                    | 41,6                                          | 55,4                                                    | 41,6                                          | 55,4                                                    |
| Warm klimaat                              | Warm klimaat                                   | COPdhw                                  |       | 2,76                                                                                       | 2,83                                                    | 2,76                                          | 2,83                                                    | 2,76                                          | 2,83                                                    |
|                                           |                                                | Heat up time                            |       | 1h 15min                                                                                   | 1h 30min                                                | 1h 15min                                      | 1h 30min                                                | 1h 15min                                      | 1h 30min                                                |
|                                           |                                                | ηwh (waterverwarmingsrendement) %       |       | 117                                                                                        | 119                                                     | 117                                           | 119                                                     | 117                                           | 119                                                     |
|                                           |                                                | Qelec (dagelijks stroomverbruik) kWh    |       | 4,220                                                                                      | 6,740                                                   | 4,220                                         | 6,740                                                   | 4,220                                         | 6,740                                                   |
|                                           |                                                | Referentietemperatuur warm water °C     |       | 52,5                                                                                       |                                                         |                                               |                                                         |                                               |                                                         |

## 2 Specificaties

### 2 - 1 Specificaties

| Technische specificaties |                                                                                                                               |                                      |                                                       | ETVX16S18E6V7<br>+ EPRA14DW17                         | ETVX16S23E6V7<br>+ EPRA14DW17 | ETVX16S18E6V7<br>+ EPRA16DW17 | ETVX16S23E6V7<br>+ EPRA16DW17 | ETVX16S18E6V7<br>+ EPRA18DW17 | ETVX16S23E6V7<br>+ EPRA18DW17 |
|--------------------------|-------------------------------------------------------------------------------------------------------------------------------|--------------------------------------|-------------------------------------------------------|-------------------------------------------------------|-------------------------------|-------------------------------|-------------------------------|-------------------------------|-------------------------------|
| Verwarming               |  Wateruitlaat<br>gematigd<br>klimaat<br>55°C | Algemeen                             | Annual energy consumption                             | kWh                                                   |                               |                               |                               | 7,122                         |                               |
|                          |                                                                                                                               |                                      | η <sub>s</sub> (seizoensefficiëntie ruimteverwarming) | %                                                     |                               |                               |                               | 142                           |                               |
|                          |                                                                                                                               |                                      | P <sub>nominaal</sub> -10°C                           | kW                                                    |                               |                               |                               | 13                            |                               |
|                          |                                                                                                                               |                                      | Q <sub>he</sub> Annual energy consumption (GCV)       | Gj                                                    |                               |                               |                               | 26                            |                               |
|                          |                                                                                                                               |                                      | SCOP                                                  |                                                       |                               |                               |                               | 3,63                          |                               |
|                          |                                                                                                                               |                                      | Seizoensefficiëntieklasse verwarming                  |                                                       |                               |                               |                               | A++                           |                               |
|                          |                                                                                                                               |                                      | A-conditie (-7°C DB/-8°C NB)                          | Cdh (reductie van verwarming)                         |                               |                               |                               | 1,0                           |                               |
|                          |                                                                                                                               |                                      |                                                       | COPd                                                  |                               |                               |                               | 2,43                          |                               |
|                          |                                                                                                                               |                                      |                                                       | Pdh                                                   | kW                            |                               |                               | 11,1                          |                               |
|                          |                                                                                                                               |                                      |                                                       | PERd                                                  | %                             |                               |                               | 97,2                          |                               |
|                          |                                                                                                                               |                                      | B-conditie (2°C DB/1°C NB)                            | Cdh (reductie van verwarming)                         |                               |                               |                               | 1,0                           |                               |
|                          |                                                                                                                               |                                      |                                                       | COPd                                                  |                               |                               |                               | 3,52                          |                               |
|                          |                                                                                                                               |                                      |                                                       | Pdh                                                   | kW                            |                               |                               | 6,7                           |                               |
|                          |                                                                                                                               |                                      |                                                       | PERd                                                  | %                             |                               |                               | 140,8                         |                               |
|                          |                                                                                                                               |                                      | C-conditie (7°C DB/6°C NB)                            | Cdh (reductie van verwarming)                         |                               |                               |                               | 1,0                           |                               |
|                          |                                                                                                                               |                                      |                                                       | COPd                                                  |                               |                               |                               | 4,54                          |                               |
|                          |                                                                                                                               |                                      |                                                       | Pdh                                                   | kW                            |                               |                               | 6,5                           |                               |
|                          |                                                                                                                               |                                      |                                                       | PERd                                                  | %                             |                               |                               | 181,6                         |                               |
|                          |                                                                                                                               |                                      | D-conditie (12°C DB/11°C NB)                          | Cdh (reductie van verwarming)                         |                               |                               |                               | 1,0                           |                               |
|                          |                                                                                                                               |                                      |                                                       | COPd                                                  |                               |                               |                               | 5,97                          |                               |
|                          |                                                                                                                               |                                      |                                                       | Pdh                                                   | kW                            |                               |                               | 5,2                           |                               |
|                          |                                                                                                                               |                                      |                                                       | PERd                                                  | %                             |                               |                               | 238,8                         |                               |
| Verwarming               |  Wateruitlaat<br>gematigd<br>klimaat<br>55°C | C-conditie (7°C DB/6°C NB)           |                                                       | COPd                                                  |                               |                               |                               | 2,12                          |                               |
|                          |                                                                                                                               |                                      |                                                       | Pdh                                                   | kW                            |                               |                               | 12,5                          |                               |
|                          |                                                                                                                               |                                      |                                                       | PERd                                                  | %                             |                               |                               | 84,8                          |                               |
|                          |                                                                                                                               |                                      |                                                       | TOL                                                   | °C                            |                               |                               | -10                           |                               |
|                          |                                                                                                                               |                                      |                                                       | WTOL                                                  | °C                            |                               |                               | 55                            |                               |
|                          |                                                                                                                               |                                      | Extra capaciteit nominaal verwarmingsvermogen         | P <sub>sup</sub> (bij Tontwerp -10°C)                 | kW                            |                               |                               | 0,0                           |                               |
|                          |                                                                                                                               |                                      | Tbiv (bivalente temperatuur)                          | COPd                                                  |                               |                               |                               | 2,12                          |                               |
|                          |                                                                                                                               |                                      |                                                       | Pdh                                                   | kW                            |                               |                               | 12,5                          |                               |
|                          |                                                                                                                               |                                      |                                                       | PERd                                                  | %                             |                               |                               | 84,8                          |                               |
|                          |                                                                                                                               |                                      |                                                       | Tbiv                                                  | °C                            |                               |                               | -10                           |                               |
|                          |                                                                                                                               | Wateruitlaat<br>koud klimaat<br>55°C | Algemeen                                              | Annual energy consumption                             | kWh                           |                               |                               | 9,589                         |                               |
|                          |                                                                                                                               |                                      |                                                       | η <sub>s</sub> (seizoensefficiëntie ruimteverwarming) | %                             |                               |                               | 126                           |                               |
|                          |                                                                                                                               |                                      |                                                       | P <sub>nominaal</sub> -22°C                           | kW                            |                               |                               | 13                            |                               |
|                          |                                                                                                                               |                                      |                                                       | Q <sub>he</sub> Annual energy consumption (GCV)       | Gj                            |                               |                               | 35                            |                               |
|                          |                                                                                                                               |                                      |                                                       | A-conditie (-7°C DB/-8°C NB)                          | Cdh (reductie van verwarming) |                               |                               | 1,0                           |                               |
|                          |                                                                                                                               |                                      |                                                       |                                                       | COPd                          |                               |                               | 2,74                          |                               |
|                          |                                                                                                                               |                                      |                                                       |                                                       | Pdh                           | kW                            |                               | 7,5                           |                               |
|                          |                                                                                                                               |                                      |                                                       |                                                       | PERd                          | %                             |                               | 109,6                         |                               |
|                          |                                                                                                                               |                                      |                                                       | B-conditie (2°C DB/1°C NB)                            | Cdh (reductie van verwarming) |                               |                               | 1,0                           |                               |
|                          |                                                                                                                               |                                      |                                                       |                                                       | COPd                          |                               |                               | 3,67                          |                               |
|                          |                                                                                                                               |                                      |                                                       |                                                       | Pdh                           | kW                            |                               | 5,8                           |                               |
|                          |                                                                                                                               |                                      |                                                       |                                                       | PERd                          | %                             |                               | 146,8                         |                               |
|                          |                                                                                                                               |                                      |                                                       | C-conditie (7°C DB/6°C NB)                            | Cdh (reductie van verwarming) |                               |                               | 1,0                           |                               |
|                          |                                                                                                                               |                                      |                                                       |                                                       | COPd                          |                               |                               | 4,69                          |                               |
|                          |                                                                                                                               |                                      |                                                       |                                                       | Pdh                           | kW                            |                               | 5,6                           |                               |
|                          |                                                                                                                               |                                      |                                                       |                                                       | PERd                          | %                             |                               | 187,6                         |                               |
|                          |                                                                                                                               |                                      |                                                       | D-conditie (12°C DB/11°C NB)                          | COPd                          |                               |                               | 6,12                          |                               |
|                          |                                                                                                                               |                                      |                                                       |                                                       | Pdh                           | kW                            |                               | 6,2                           |                               |
|                          |                                                                                                                               |                                      |                                                       |                                                       | PERd                          | %                             |                               | 244,8                         |                               |
|                          |                                                                                                                               |                                      |                                                       | TOL (bedrijfstemperatuur)                             | COPd                          |                               |                               | 1,65                          |                               |
|                          |                                                                                                                               |                                      |                                                       |                                                       | Pdh                           | kW                            |                               | 10,6                          |                               |

## 2 Specificaties

### 2 - 1 Specificaties

| Technische specificaties                                                                        |                                          |                                               |                                                      | ETVX16S18E6V7<br>+ EPRA14DW17 | ETVX16S23E6V7<br>+ EPRA14DW17 | ETVX16S18E6V7<br>+ EPRA16DW17 | ETVX16S23E6V7<br>+ EPRA16DW17 | ETVX16S18E6V7<br>+ EPRA18DW17 | ETVX16S23E6V7<br>+ EPRA18DW17 |
|-------------------------------------------------------------------------------------------------|------------------------------------------|-----------------------------------------------|------------------------------------------------------|-------------------------------|-------------------------------|-------------------------------|-------------------------------|-------------------------------|-------------------------------|
| Verwarming<br> | Wateruitlaat<br>koud klimaat<br>55°C     | TOL (bedrijf-temperatuur)                     | PERd<br>TOL<br>WTOL                                  | %<br>°C<br>°C                 |                               |                               |                               |                               | 66,0<br>-22<br>55             |
|                                                                                                 |                                          | G-conditie (-15°C DB/-)                       | COPd<br>PdH<br>PERd                                  | <br>kW<br>%                   |                               |                               |                               |                               | 2,17<br>10,3<br>86,8          |
|                                                                                                 |                                          | Tbiv (bivalente temperatuur)                  | COPd<br>PdH<br>PERd<br>Tbiv                          | <br>kW<br>%<br>°C             |                               |                               |                               |                               | 1,90<br>11,0<br>76,0<br>-18   |
|                                                                                                 |                                          | Extra capaciteit nominaal verwarmingsvermogen | Psup (bij Tontwerp -22°C)                            | kW                            |                               |                               |                               |                               | 1,9                           |
|                                                                                                 | Wateruitlaat<br>warm klimaat<br>55°C     | Algemeen                                      | Annual energy consumption                            | kWh                           |                               |                               |                               |                               | 4.316                         |
|                                                                                                 |                                          |                                               | ηs (seizoensefficiëntie ruimteverwarming)            | %                             |                               |                               |                               |                               | 172                           |
|                                                                                                 |                                          |                                               | Pnominaal 2°C                                        | kW                            |                               |                               |                               |                               | 14                            |
|                                                                                                 |                                          |                                               | Qhe Annual energy consumption (GCV)                  | Gj                            |                               |                               |                               |                               | 16                            |
|                                                                                                 |                                          | B-conditie (2°C DB/1°C NB)                    | Cdh (reductie van verwarming)<br>COPd<br>PdH<br>PERd | <br><br>kW<br>%               |                               |                               |                               |                               | 1,0<br>2,62<br>11,4<br>104,8  |
|                                                                                                 |                                          | C-conditie (7°C DB/6°C NB)                    | Cdh (reductie van verwarming)<br>COPd<br>PdH<br>PERd | <br><br>kW<br>%               |                               |                               |                               |                               | 1,0<br>3,78<br>9,0<br>151,2   |
|                                                                                                 |                                          | D-conditie (12°C DB/11°C NB)                  | Cdh (reductie van verwarming)<br>COPd<br>PdH<br>PERd | <br><br>kW<br>%               |                               |                               |                               |                               | 1,0<br>5,63<br>5,9<br>225,2   |
|                                                                                                 |                                          | Tbiv (bivalente temperatuur)                  | COPd<br>PdH<br>PERd<br>Tbiv                          | <br>kW<br>%<br>°C             |                               |                               |                               |                               | 3,43<br>11,1<br>137,2<br>5    |
|                                                                                                 |                                          | Wateruitlaat H-voorwaarde (-2°C)              | Max.                                                 | kW                            | 11,1                          |                               |                               | 11,8                          |                               |
|                                                                                                 | Wateruitlaat<br>gematigd klimaat<br>35°C | Algemeen                                      | Annual energy consumption                            | kWh                           |                               |                               |                               |                               | 5.366                         |
|                                                                                                 |                                          |                                               | ηs (seizoensefficiëntie ruimteverwarming)            | %                             |                               |                               |                               |                               | 190                           |
|                                                                                                 |                                          |                                               | Pnominaal -10°C                                      | kW                            |                               |                               |                               |                               | 13                            |
|                                                                                                 |                                          |                                               | Qhe Annual energy consumption (GCV)                  | Gj                            |                               |                               |                               |                               | 19                            |
|                                                                                                 |                                          |                                               | SCOP                                                 |                               |                               |                               |                               |                               | 4,81                          |

# 2 Specificaties

## 2 - 1 Specificaties

| Technische specificaties |                                             |                                                         |                                                | ETVX16S18E6V7<br>+ EPRA14DW17 | ETVX16S23E6V7<br>+ EPRA14DW17 | ETVX16S18E6V7<br>+ EPRA16DW17 | ETVX16S23E6V7<br>+ EPRA16DW17 | ETVX16S18E6V7<br>+ EPRA18DW17 | ETVX16S23E6V7<br>+ EPRA18DW17 |
|--------------------------|---------------------------------------------|---------------------------------------------------------|------------------------------------------------|-------------------------------|-------------------------------|-------------------------------|-------------------------------|-------------------------------|-------------------------------|
| Verwarming               | Wateruitlaat<br>gematigd<br>klimaat<br>35°C | Algemeen                                                | Seizoensefficiëntieklasse<br>verwarming        | A+++                          |                               |                               |                               |                               |                               |
|                          |                                             | A-conditie                                              | COPd                                           | 2,97                          |                               |                               |                               |                               |                               |
|                          |                                             | (-7°C DB/-<br>8°C NB)                                   | Pdh kW                                         | 10,7                          |                               |                               |                               |                               |                               |
|                          |                                             |                                                         | PERd %                                         | 118,8                         |                               |                               |                               |                               |                               |
|                          |                                             | B-conditie                                              | Cdh (reductie van verwarming)                  | 1,0                           |                               |                               |                               |                               |                               |
|                          |                                             | (2°C DB/1°C<br>NB)                                      | COPd                                           | 4,94                          |                               |                               |                               |                               |                               |
|                          |                                             |                                                         | Pdh kW                                         | 6,9                           |                               |                               |                               |                               |                               |
|                          |                                             |                                                         | PERd %                                         | 197,6                         |                               |                               |                               |                               |                               |
|                          |                                             | C-conditie                                              | Cdh (reductie van verwarming)                  | 1,0                           |                               |                               |                               |                               |                               |
|                          |                                             | (7°C DB/6°C<br>NB)                                      | COPd                                           | 5,95                          |                               |                               |                               |                               |                               |
|                          |                                             |                                                         | Pdh kW                                         | 6,2                           |                               |                               |                               |                               |                               |
|                          |                                             |                                                         | PERd %                                         | 238,0                         |                               |                               |                               |                               |                               |
|                          |                                             | D-conditie                                              | Cdh (reductie van verwarming)                  | 1,0                           |                               |                               |                               |                               |                               |
|                          |                                             | (12°C DB/11°C<br>NB)                                    | COPd                                           | 7,07                          |                               |                               |                               |                               |                               |
|                          |                                             |                                                         | Pdh kW                                         | 5,6                           |                               |                               |                               |                               |                               |
|                          |                                             |                                                         | PERd %                                         | 282,8                         |                               |                               |                               |                               |                               |
|                          |                                             | TOL (bedrijf-<br>stempera-<br>tuur)                     | COPd                                           | 2,88                          |                               |                               |                               |                               |                               |
|                          |                                             |                                                         | Pdh kW                                         | 12,1                          |                               |                               |                               |                               |                               |
|                          |                                             |                                                         | PERd %                                         | 115,2                         |                               |                               |                               |                               |                               |
|                          |                                             |                                                         | TOL °C                                         | -10                           |                               |                               |                               |                               |                               |
|                          |                                             |                                                         | WTOL °C                                        | 35                            |                               |                               |                               |                               |                               |
|                          |                                             | Tbiv                                                    | COPd                                           | 2,97                          |                               |                               |                               |                               |                               |
|                          |                                             | (bivalente                                              | Pdh kW                                         | 10,7                          |                               |                               |                               |                               |                               |
|                          |                                             | tempera-<br>tuur)                                       | PERd %                                         | 118,8                         |                               |                               |                               |                               |                               |
|                          |                                             |                                                         | Tbiv °C                                        | -7                            |                               |                               |                               |                               |                               |
|                          |                                             | Extra                                                   | Psup (bij Tontwerp<br>-10°C)                   | 0,4                           |                               |                               |                               |                               |                               |
|                          |                                             | capaciteit<br>nominaal<br>verwar-<br>mingsver-<br>mogen |                                                |                               |                               |                               |                               |                               |                               |
|                          | Wateruitlaat<br>koud klimaat<br>35°C        | Algemeen                                                | Annual energy<br>consumption kWh               | 7,377                         |                               |                               |                               |                               |                               |
|                          |                                             |                                                         | ηs (seizoensefficiëntie<br>ruimteverwarming) % | 164                           |                               |                               |                               |                               |                               |
|                          |                                             |                                                         | Phominaal -22°C kW                             | 13                            |                               |                               |                               |                               |                               |
|                          |                                             |                                                         | Qhe jaarl. energiever-<br>bruik (GCV) GJ       | 27                            |                               |                               |                               |                               |                               |
|                          |                                             | A Condition                                             | COPd                                           | 3,50                          |                               |                               |                               |                               |                               |
|                          |                                             | (-7°C CD-<br>B/-8°C WB)                                 | Pdh kW                                         | 8,0                           |                               |                               |                               |                               |                               |
|                          |                                             |                                                         | PERd %                                         | 140,0                         |                               |                               |                               |                               |                               |
|                          |                                             | B Condition                                             | Cdh (reductie van verwarming)                  | 1,0                           |                               |                               |                               |                               |                               |
|                          |                                             | (2°C CD-<br>B/1°C WB)                                   | COPd                                           | 5,07                          |                               |                               |                               |                               |                               |
|                          |                                             |                                                         | Pdh kW                                         | 4,9                           |                               |                               |                               |                               |                               |
|                          |                                             |                                                         | PERd %                                         | 202,8                         |                               |                               |                               |                               |                               |

## 2 Specificaties

### 2 - 1 Specificaties

| Technische specificaties |                                         |                                    |                                             | ETVX16S18E6V7<br>+ EPRA14DW17 | ETVX16S23E6V7<br>+ EPRA14DW17 | ETVX16S18E6V7<br>+ EPRA16DW17 | ETVX16S23E6V7<br>+ EPRA16DW17 | ETVX16S18E6V7<br>+ EPRA18DW17 | ETVX16S23E6V7<br>+ EPRA18DW17 |
|--------------------------|-----------------------------------------|------------------------------------|---------------------------------------------|-------------------------------|-------------------------------|-------------------------------|-------------------------------|-------------------------------|-------------------------------|
| Verwarming               | Wateruitlaat<br>koud klimaat<br>35°C    | C-conditie<br>(7°C DB/6°C<br>NB)   | Cdh (reductie van verwarming)               |                               |                               |                               |                               |                               | 1,0                           |
|                          |                                         |                                    | COPd                                        |                               |                               |                               |                               |                               | 6,10                          |
|                          |                                         |                                    | Pdh kW                                      |                               |                               |                               |                               |                               | 5,3                           |
|                          |                                         |                                    | PERd %                                      |                               |                               |                               |                               |                               | 244,0                         |
|                          |                                         |                                    |                                             |                               |                               |                               |                               |                               | 1,0                           |
|                          |                                         | D-conditie<br>(12°C DB/11°C<br>NB) | Cdh (reductie van verwarming)               |                               |                               |                               |                               |                               | 7,03                          |
|                          |                                         |                                    | COPd                                        |                               |                               |                               |                               |                               | 5,7                           |
|                          |                                         |                                    | Pdh kW                                      |                               |                               |                               |                               |                               | 281,2                         |
|                          |                                         |                                    | PERd %                                      |                               |                               |                               |                               |                               | 2,17                          |
|                          |                                         |                                    |                                             |                               |                               |                               |                               |                               | 9,2                           |
|                          | TOL (bedrijf-<br>stempera-<br>tuur)     |                                    | PERd %                                      |                               |                               |                               |                               |                               | 86,8                          |
|                          |                                         |                                    | TOL °C                                      |                               |                               |                               |                               |                               | -22                           |
|                          |                                         |                                    | WTOL °C                                     |                               |                               |                               |                               |                               | 35                            |
|                          |                                         |                                    |                                             |                               |                               |                               |                               |                               | 2,62                          |
|                          |                                         |                                    |                                             |                               |                               |                               |                               |                               | 10,7                          |
|                          |                                         |                                    |                                             |                               |                               |                               |                               |                               | 104,8                         |
|                          | G-conditie<br>(-15°C DB/-)              |                                    | COPd                                        |                               |                               |                               |                               |                               | 2,62                          |
|                          |                                         |                                    | Pdh kW                                      |                               |                               |                               |                               |                               | 10,7                          |
|                          |                                         |                                    | PERd %                                      |                               |                               |                               |                               |                               | 104,8                         |
|                          |                                         |                                    |                                             |                               |                               |                               |                               |                               | -15                           |
|                          |                                         |                                    |                                             |                               |                               |                               |                               |                               | 3,3                           |
|                          | Wateruitlaat<br>warm kli-<br>maat 35°C  | Algemeen                           | Annual energy consumption kWh               |                               |                               |                               |                               |                               | 2.855                         |
|                          |                                         |                                    | ηs (seizoensefficiëntie ruimteverwarming) % |                               |                               |                               |                               |                               | 231                           |
|                          |                                         |                                    | Pnominiaal 2°C kW                           |                               |                               |                               |                               |                               | 13                            |
|                          |                                         |                                    | Qhe Annual energy consumption (GCV) GJ      |                               |                               |                               |                               |                               | 10                            |
|                          |                                         |                                    |                                             |                               |                               |                               |                               |                               | 1,0                           |
|                          |                                         | B-conditie<br>(2°C DB/1°C<br>NB)   | Cdh (reductie van verwarming)               |                               |                               |                               |                               |                               | 3,51                          |
|                          |                                         |                                    | COPd                                        |                               |                               |                               |                               |                               | 10,0                          |
|                          |                                         |                                    | Pdh kW                                      |                               |                               |                               |                               |                               | 140,4                         |
|                          |                                         |                                    | PERd %                                      |                               |                               |                               |                               |                               | 1,0                           |
|                          |                                         |                                    |                                             |                               |                               |                               |                               |                               | 5,67                          |
|                          |                                         | C-conditie<br>(7°C DB/6°C<br>NB)   | Cdh (reductie van verwarming)               |                               |                               |                               |                               |                               | 8,3                           |
|                          |                                         |                                    | COPd                                        |                               |                               |                               |                               |                               | 226,8                         |
|                          |                                         |                                    | Pdh kW                                      |                               |                               |                               |                               |                               | 4,96                          |
|                          |                                         |                                    | PERd %                                      |                               |                               |                               |                               |                               | 9,8                           |
|                          |                                         |                                    |                                             |                               |                               |                               |                               |                               | 198,4                         |
|                          | Tbiv<br>(bivalente<br>tempera-<br>tuur) |                                    | Tbiv °C                                     |                               |                               |                               |                               |                               | 5                             |
|                          |                                         |                                    |                                             |                               |                               |                               |                               |                               | 1,0                           |
|                          |                                         |                                    |                                             |                               |                               |                               |                               |                               | 7,04                          |
|                          |                                         |                                    |                                             |                               |                               |                               |                               |                               | 5,7                           |
|                          |                                         |                                    |                                             |                               |                               |                               |                               |                               | 281,6                         |

(1)Capaciteit overeenkomstig norm EN14511 en geldig voor een verwarmd waterbereik met dT = 3~8°C at Ta 7°C |

(2)Voorwaarde: Ta DB/NB 7°C/6°C - LWC 35°C (DT = 5°C) |

(3)Koelen: EW 23°C; LW 18°C; omgevingsomstandigheden: 35°CDB |

(4)Koelen: EW 12°C; LW 7°C; omgevingsomstandigheden: 35°CDB |

(5)Het opgenomen vermogen is het totaal van binnen- en buitenunits, met inbegrip van de circulatiepomp; overeenkomstig EN14511 |

(6)Getest bij Ta DB/NB 7°C/6°C. Conform EN 16147. |

(7)DB/WB 7°C/6°C - LWC 35°C (dT=5°C) met pomp aan volledig toerental

| Technische specificaties       |           |                              |      | ETVX16S18E9W7 +<br>EPRA14DW17         | ETVX16S23E9W7 +<br>EPRA14DW17         | ETVX16S18E9W7 +<br>EPRA16DW17         | ETVX16S23E9W7 +<br>EPRA16DW17         | ETVX16S18E9W7 +<br>EPRA18DW17         | ETVX16S23E9W7 +<br>EPRA18DW17         |          |
|--------------------------------|-----------|------------------------------|------|---------------------------------------|---------------------------------------|---------------------------------------|---------------------------------------|---------------------------------------|---------------------------------------|----------|
| Verwarmingscapaciteit          | Min.      |                              | kW   | 3,70 (1)                              |                                       | 3,96 (1)                              |                                       | 4,40 (1)                              |                                       |          |
|                                | Nom.      |                              | kW   | 5,90 (2)                              |                                       | 9,00 (2)                              |                                       |                                       |                                       |          |
|                                | Max.      |                              | kW   | 9,75 (1)                              |                                       | 10,44 (1)                             |                                       | 11,60 (1)                             |                                       |          |
| Koelvermogen                   | Nom.      |                              | kW   | 10,6 (3) / 6,90 (4)                   |                                       | 11,5 (3) / 7,88 (4)                   |                                       | 12,5 (3) / 8,86 (4)                   |                                       |          |
| Opgenomen vermogen             | Verwarmen | Min.                         | kW   | 0,84 (5)                              |                                       | 0,90 (5)                              |                                       | 1,00 (5)                              |                                       |          |
|                                |           | Nom.                         | kW   | 1,23 (2)                              |                                       | 1,80 (2)                              |                                       |                                       |                                       |          |
|                                |           | Max.                         | kW   | 2,17 (5)                              |                                       | 2,32 (5)                              |                                       | 2,58 (5)                              |                                       |          |
|                                | Koelen    | Nom.                         | kW   | 2,55 (3) / 2,56 (4)                   |                                       | 2,80 (3) / 2,93 (4)                   |                                       | 3,05 (3) / 3,31 (4)                   |                                       |          |
|                                |           | Sanitair                     | Nom. | kWh                                   | 2,57 (6)                              | 2,85 (6)                              | 2,57 (6)                              | 2,85 (6)                              | 2,57 (6)                              | 2,85 (6) |
|                                |           | warm water van 10°C tot 50°C |      |                                       |                                       |                                       |                                       |                                       |                                       |          |
| Heat up time from 10°C to 50°C |           |                              | hr   | 1h02min at 7°C<br>ambient temperature | 1h13min at 7°C<br>ambient temperature | 1h02min at 7°C<br>ambient temperature | 1h13min at 7°C<br>ambient temperature | 1h02min at 7°C<br>ambient temperature | 1h13min at 7°C<br>ambient temperature |          |

## 2 Specificaties

### 2 - 1 Specificaties

2

| Technische specificaties                       |                                                |                                         |                                               | ETVX16S18E9W7 + EPRA14DW17                                                                 | ETVX16S23E9W7 + EPRA14DW17                    | ETVX16S18E9W7 + EPRA16DW17                              | ETVX16S23E9W7 + EPRA16DW17                    | ETVX16S18E9W7 + EPRA18DW17                              | ETVX16S23E9W7 + EPRA18DW17 |
|------------------------------------------------|------------------------------------------------|-----------------------------------------|-----------------------------------------------|--------------------------------------------------------------------------------------------|-----------------------------------------------|---------------------------------------------------------|-----------------------------------------------|---------------------------------------------------------|----------------------------|
| COP                                            |                                                |                                         |                                               | 4,79 (2)                                                                                   |                                               | 5,00 (2)                                                |                                               |                                                         |                            |
| EER                                            |                                                |                                         |                                               | 4,13 (3) / 2,70 (4)                                                                        |                                               | 4,11 (3) / 2,69 (4)                                     |                                               | 4,09 (3) / 2,68 (4)                                     |                            |
| Pomp                                           | Type                                           |                                         |                                               | Grundfos UPMXL GEO 25-125 130 PWM                                                          |                                               |                                                         |                                               |                                                         |                            |
|                                                | Nominale externe statische druk unit           | Verwarmen                               | kPa                                           | 111,2 (7)                                                                                  |                                               | 97,4 (7)                                                |                                               |                                                         |                            |
| Warmtewisselaar waterzijde                     | Waterhoeveelheid                               | Verwarmen                               | Nom. l/min                                    | 16,3 (2)                                                                                   |                                               | 25,8 (2)                                                |                                               |                                                         |                            |
| General                                        | Gegevens van leverancier/fabrikant             | Naam en adres                           |                                               | Daikin Europe N.V. - Zandvoordestraat 300, 8400 Oostende, Belgium                          |                                               |                                                         |                                               |                                                         |                            |
|                                                |                                                | Naam of handelsmerk                     |                                               | Daikin Europe N.V.                                                                         |                                               |                                                         |                                               |                                                         |                            |
|                                                | Product description                            | Lucht/water-warmtepomp                  |                                               | Ja                                                                                         |                                               |                                                         |                                               |                                                         |                            |
|                                                |                                                | Glycol/water-warmtepomp                 |                                               | Nee                                                                                        |                                               |                                                         |                                               |                                                         |                            |
|                                                |                                                | Verwarming combinatie warmtepomp        |                                               | Ja                                                                                         |                                               |                                                         |                                               |                                                         |                            |
|                                                |                                                | Lagetemperatuurswarmtepomp              |                                               | Nee                                                                                        |                                               |                                                         |                                               |                                                         |                            |
|                                                |                                                | Ingebouwde hulpverwarming               |                                               | Ja                                                                                         |                                               |                                                         |                                               |                                                         |                            |
|                                                |                                                | Water/water-warmtepomp                  |                                               | Nee                                                                                        |                                               |                                                         |                                               |                                                         |                            |
|                                                | LW(A) geluidsvermogensniveau (volgens EN14825) | Binnen                                  | dB(A)                                         | 44,0                                                                                       |                                               |                                                         |                                               |                                                         |                            |
| LW(A) Sound power level (according to EN14825) | Outdoor                                        | dB(A)                                   | 54,0                                          |                                                                                            |                                               |                                                         |                                               |                                                         |                            |
| Ecodesign geluidsconditie en energielabel      |                                                |                                         |                                               | Geluidsvermogen in verwarmingsmodus, gemeten volgens EN12102 onder voorwaarden van EN14825 |                                               |                                                         |                                               |                                                         |                            |
| Tank                                           | Naam                                           |                                         | Roestvrijstalen sanitaire warmwatertank 180 l | Roestvrijstalen tank voor sanitair warm water van 230 L                                    | Roestvrijstalen sanitaire warmwatertank 180 l | Roestvrijstalen tank voor sanitair warm water van 230 L | Roestvrijstalen sanitaire warmwatertank 180 l | Roestvrijstalen tank voor sanitair warm water van 230 L |                            |
| Algemene verwarming                            | Andere                                         | Capacity control                        |                                               | Inverter                                                                                   |                                               |                                                         |                                               |                                                         |                            |
|                                                |                                                | Pck (carterverwarming aan) kW           |                                               | 0,000                                                                                      |                                               |                                                         |                                               |                                                         |                            |
|                                                |                                                | Poff (uitgeschakelde stand) kW          |                                               | 0,031                                                                                      |                                               |                                                         |                                               |                                                         |                            |
|                                                |                                                | Psb (in stand-by) kW                    |                                               | 0,042                                                                                      |                                               |                                                         |                                               |                                                         |                            |
|                                                |                                                | Pto (thermostaat uit) kW                |                                               | 0,033                                                                                      |                                               |                                                         |                                               |                                                         |                            |
| Sanitair warm water                            | Algemeen                                       | Aangegevens belastingprofiel            |                                               | L                                                                                          | XL                                            | L                                                       | XL                                            | L                                                       | XL                         |
| Algemene verwarming                            | Ingebouwde hulpverwarming                      | Psup kW                                 |                                               | 9,0                                                                                        |                                               |                                                         |                                               |                                                         |                            |
|                                                |                                                | Type stroomvoorziening                  |                                               | Elektrisch                                                                                 |                                               |                                                         |                                               |                                                         |                            |
| Sanitair warm water                            | Gematigd klimaat                               | AEC (jaarlijks stroomverbruik) kWh      | 969                                           | 1.572                                                                                      | 969                                           | 1.572                                                   | 969                                           | 1.572                                                   |                            |
| Sanitair warm water                            | Gematigd klimaat                               | COPdhw                                  |                                               | 2,51                                                                                       | 2,55                                          | 2,51                                                    | 2,55                                          | 2,51                                                    | 2,55                       |
|                                                |                                                | Heat up time                            |                                               | 1h 06min                                                                                   | 1h 19min                                      | 1h 06min                                                | 1h 19min                                      | 1h 06min                                                | 1h 19min                   |
|                                                |                                                | ηwh (waterverwarmingsrendement) %       |                                               | 106                                                                                        | 107                                           | 106                                                     | 107                                           | 106                                                     | 107                        |
|                                                |                                                | Qelec (dagelijks stroomverbruik) kWh    |                                               | 4,650                                                                                      | 7,480                                         | 4,650                                                   | 7,480                                         | 4,650                                                   | 7,480                      |
|                                                |                                                | Referentietemperatuur warm water °C     |                                               | 52,5                                                                                       |                                               |                                                         |                                               |                                                         |                            |
|                                                |                                                | Stand-by vermogen ingang W              |                                               | 42,9                                                                                       | 58,5                                          | 42,9                                                    | 58,5                                          | 42,9                                                    | 58,5                       |
|                                                |                                                | Energierendementsklasse waterverwarming |                                               | A                                                                                          |                                               |                                                         |                                               |                                                         |                            |
|                                                | Koud klimaat                                   | AEC (jaarlijks stroomverbruik) kWh      |                                               | 1.124                                                                                      | 1.839                                         | 1.124                                                   | 1.839                                         | 1.124                                                   | 1.839                      |
|                                                |                                                | COPdhw                                  |                                               | 2,17                                                                                       | 2,19                                          | 2,17                                                    | 2,19                                          | 2,17                                                    | 2,19                       |
|                                                |                                                | Heat up time                            |                                               | 1h 04min                                                                                   | 1h 16min                                      | 1h 04min                                                | 1h 16min                                      | 1h 04min                                                | 1h 16min                   |
|                                                |                                                | ηwh (waterverwarmingsrendement) %       |                                               | 91                                                                                         |                                               |                                                         |                                               |                                                         |                            |
|                                                |                                                | Qelec (dagelijks stroomverbruik) kWh    |                                               | 5,370                                                                                      | 8,720                                         | 5,370                                                   | 8,720                                         | 5,370                                                   | 8,720                      |
|                                                | Warm klimaat                                   | Referentietemperatuur warm water °C     |                                               | 52,5                                                                                       |                                               |                                                         |                                               |                                                         |                            |
|                                                |                                                | Stand-by vermogen ingang W              |                                               | 45,0                                                                                       | 63,7                                          | 45,0                                                    | 63,7                                          | 45,0                                                    | 63,7                       |
|                                                |                                                | AEC (jaarlijks stroomverbruik) kWh      |                                               | 876                                                                                        | 1.413                                         | 876                                                     | 1.413                                         | 876                                                     | 1.413                      |
|                                                |                                                | COPdhw                                  |                                               | 2,76                                                                                       | 2,83                                          | 2,76                                                    | 2,83                                          | 2,76                                                    | 2,83                       |
|                                                |                                                | Heat up time                            |                                               | 1h 15min                                                                                   | 1h 30min                                      | 1h 15min                                                | 1h 30min                                      | 1h 15min                                                | 1h 30min                   |
|                                                |                                                | ηwh (waterverwarmingsrendement) %       |                                               | 117                                                                                        | 119                                           | 117                                                     | 119                                           | 117                                                     | 119                        |
|                                                |                                                | Qelec (dagelijks stroomverbruik) kWh    |                                               | 4,220                                                                                      | 6,740                                         | 4,220                                                   | 6,740                                         | 4,220                                                   | 6,740                      |
|                                                |                                                | Referentietemperatuur warm water °C     |                                               | 52,5                                                                                       |                                               |                                                         |                                               |                                                         |                            |
|                                                |                                                | Stand-by vermogen ingang W              |                                               | 41,6                                                                                       | 55,4                                          | 41,6                                                    | 55,4                                          | 41,6                                                    | 55,4                       |



## 2 Specificaties

### 2 - 1 Specificaties

| Technische specificaties                                                                        |                                             |                            |                                                       | ETVX16S18E9W7 +<br>EPRA14DW17         | ETVX16S23E9W7 +<br>EPRA14DW17 | ETVX16S18E9W7 +<br>EPRA16DW17 | ETVX16S23E9W7 +<br>EPRA16DW17 | ETVX16S18E9W7 +<br>EPRA18DW17 | ETVX16S23E9W7 +<br>EPRA18DW17 |
|-------------------------------------------------------------------------------------------------|---------------------------------------------|----------------------------|-------------------------------------------------------|---------------------------------------|-------------------------------|-------------------------------|-------------------------------|-------------------------------|-------------------------------|
| Verwarming<br> | Wateruitlaat<br>gematigd<br>klimaat<br>55°C | Algemeen                   | Annual energy consumption                             | kWh                                   |                               |                               |                               | 7,122                         |                               |
|                                                                                                 |                                             |                            | η <sub>s</sub> (seizoensefficiëntie ruimteverwarming) | %                                     |                               |                               |                               | 142                           |                               |
|                                                                                                 |                                             |                            | P <sub>nominaal</sub> -10°C                           | kW                                    |                               |                               |                               | 13                            |                               |
|                                                                                                 |                                             |                            | Q <sub>he</sub> Annual energy consumption (GCV)       | Gj                                    |                               |                               |                               | 26                            |                               |
|                                                                                                 |                                             |                            | SCOP                                                  |                                       |                               |                               |                               | 3,63                          |                               |
|                                                                                                 |                                             |                            | Seizoensefficiëntieklasse verwarming                  |                                       |                               |                               |                               | A++                           |                               |
|                                                                                                 |                                             |                            | A-conditie (-7°C DB/-8°C NB)                          | Cdh (reductie van verwarming)         |                               |                               |                               | 1,0                           |                               |
|                                                                                                 |                                             |                            |                                                       | COPd                                  |                               |                               |                               | 2,43                          |                               |
|                                                                                                 |                                             |                            |                                                       | Pdh                                   | kW                            |                               |                               | 11,1                          |                               |
|                                                                                                 |                                             |                            |                                                       | PERd                                  | %                             |                               |                               | 97,2                          |                               |
|                                                                                                 |                                             |                            | B-conditie (2°C DB/1°C NB)                            | Cdh (reductie van verwarming)         |                               |                               |                               | 1,0                           |                               |
|                                                                                                 |                                             |                            |                                                       | COPd                                  |                               |                               |                               | 3,52                          |                               |
|                                                                                                 |                                             |                            |                                                       | Pdh                                   | kW                            |                               |                               | 6,7                           |                               |
|                                                                                                 |                                             |                            |                                                       | PERd                                  | %                             |                               |                               | 140,8                         |                               |
|                                                                                                 |                                             |                            | C-conditie (7°C DB/6°C NB)                            | Cdh (reductie van verwarming)         |                               |                               |                               | 1,0                           |                               |
|                                                                                                 |                                             |                            |                                                       | COPd                                  |                               |                               |                               | 4,54                          |                               |
|                                                                                                 |                                             |                            |                                                       | Pdh                                   | kW                            |                               |                               | 6,5                           |                               |
|                                                                                                 |                                             |                            |                                                       | PERd                                  | %                             |                               |                               | 181,6                         |                               |
| Verwarming<br> | Wateruitlaat<br>gematigd<br>klimaat<br>55°C | C-conditie (7°C DB/6°C NB) |                                                       | Pdh                                   | kW                            |                               |                               |                               |                               |
|                                                                                                 |                                             |                            |                                                       | PERd                                  | %                             |                               |                               |                               |                               |
|                                                                                                 |                                             |                            | D-conditie (12°C DB/11°C NB)                          | Cdh (reductie van verwarming)         |                               |                               |                               | 1,0                           |                               |
|                                                                                                 |                                             |                            |                                                       | COPd                                  |                               |                               |                               | 5,97                          |                               |
|                                                                                                 |                                             |                            |                                                       | Pdh                                   | kW                            |                               |                               | 5,2                           |                               |
|                                                                                                 |                                             |                            |                                                       | PERd                                  | %                             |                               |                               | 238,8                         |                               |
|                                                                                                 |                                             |                            | TOL (bedrijfstemperatuur)                             | COPd                                  |                               |                               |                               | 2,12                          |                               |
|                                                                                                 |                                             |                            |                                                       | Pdh                                   | kW                            |                               |                               | 12,5                          |                               |
|                                                                                                 |                                             |                            |                                                       | PERd                                  | %                             |                               |                               | 84,8                          |                               |
|                                                                                                 |                                             |                            |                                                       | TOL                                   | °C                            |                               |                               | -10                           |                               |
|                                                                                                 |                                             |                            |                                                       | WTOL                                  | °C                            |                               |                               | 55                            |                               |
|                                                                                                 |                                             |                            | Extra capaciteit nominaal verwarmingsvermogen         | P <sub>sup</sub> (bij Tontwerp -10°C) | kW                            |                               |                               | 0,0                           |                               |
|                                                                                                 |                                             |                            |                                                       | Tbiv                                  | COPd                          |                               |                               | 2,12                          |                               |
|                                                                                                 |                                             |                            | (bivalente temperatuur)                               | Pdh                                   | kW                            |                               |                               | 12,5                          |                               |
|                                                                                                 |                                             |                            |                                                       | PERd                                  | %                             |                               |                               | 84,8                          |                               |
|                                                                                                 |                                             |                            |                                                       | Tbiv                                  | °C                            |                               |                               | -10                           |                               |
|                                                                                                 | Wateruitlaat<br>koud klimaat<br>55°C        | Algemeen                   | Annual energy consumption                             | kWh                                   |                               |                               |                               | 9,589                         |                               |
|                                                                                                 |                                             |                            | η <sub>s</sub> (seizoensefficiëntie ruimteverwarming) | %                                     |                               |                               |                               | 126                           |                               |
|                                                                                                 |                                             |                            | P <sub>nominaal</sub> -22°C                           | kW                                    |                               |                               |                               | 13                            |                               |
|                                                                                                 |                                             |                            | Q <sub>he</sub> Annual energy consumption (GCV)       | Gj                                    |                               |                               |                               | 35                            |                               |
|                                                                                                 |                                             |                            | A-conditie (-7°C DB/-8°C NB)                          | Cdh (reductie van verwarming)         |                               |                               |                               | 1,0                           |                               |
|                                                                                                 |                                             |                            |                                                       | COPd                                  |                               |                               |                               | 2,74                          |                               |
|                                                                                                 |                                             |                            |                                                       | Pdh                                   | kW                            |                               |                               | 7,5                           |                               |
|                                                                                                 |                                             |                            |                                                       | PERd                                  | %                             |                               |                               | 109,6                         |                               |
|                                                                                                 |                                             |                            | B-conditie (2°C DB/1°C NB)                            | Cdh (reductie van verwarming)         |                               |                               |                               | 1,0                           |                               |
|                                                                                                 |                                             |                            |                                                       | COPd                                  |                               |                               |                               | 3,67                          |                               |
|                                                                                                 |                                             |                            |                                                       | Pdh                                   | kW                            |                               |                               | 5,8                           |                               |
|                                                                                                 |                                             |                            |                                                       | PERd                                  | %                             |                               |                               | 146,8                         |                               |
|                                                                                                 |                                             |                            | C-conditie (7°C DB/6°C NB)                            | Cdh (reductie van verwarming)         |                               |                               |                               | 1,0                           |                               |
|                                                                                                 |                                             |                            |                                                       | COPd                                  |                               |                               |                               | 4,69                          |                               |
|                                                                                                 |                                             |                            |                                                       | Pdh                                   | kW                            |                               |                               | 5,6                           |                               |
|                                                                                                 |                                             |                            |                                                       | PERd                                  | %                             |                               |                               | 187,6                         |                               |
|                                                                                                 |                                             |                            | D-conditie (12°C DB/11°C NB)                          | COPd                                  |                               |                               |                               | 6,12                          |                               |
|                                                                                                 |                                             |                            |                                                       | Pdh                                   | kW                            |                               |                               | 6,2                           |                               |
|                                                                                                 |                                             |                            |                                                       | PERd                                  | %                             |                               |                               | 244,8                         |                               |
|                                                                                                 |                                             |                            | TOL (bedrijfstemperatuur)                             | COPd                                  |                               |                               |                               | 1,65                          |                               |
|                                                                                                 |                                             |                            |                                                       | Pdh                                   | kW                            |                               |                               | 10,6                          |                               |

## 2 Specificaties

### 2 - 1 Specificaties

| Technische specificaties |                                               |                                |                                           | ETVX16S18E9W7 +<br>EPRA14DW17             | ETVX16S23E9W7 +<br>EPRA14DW17 | ETVX16S18E9W7 +<br>EPRA16DW17 | ETVX16S23E9W7 +<br>EPRA16DW17 | ETVX16S18E9W7 +<br>EPRA18DW17 | ETVX16S23E9W7 +<br>EPRA18DW17 |
|--------------------------|-----------------------------------------------|--------------------------------|-------------------------------------------|-------------------------------------------|-------------------------------|-------------------------------|-------------------------------|-------------------------------|-------------------------------|
| Verwarming               | Wateruitlaat koud klimaat 55°C                | TOL (bedrijfs-temperatuur)     | PERd                                      | %                                         |                               |                               |                               | 66,0                          |                               |
|                          |                                               |                                | TOL                                       | °C                                        |                               |                               |                               | -22                           |                               |
|                          |                                               |                                | WTOL                                      | °C                                        |                               |                               |                               | 55                            |                               |
|                          |                                               | G-conditie (-15°C DB/-)        | COPd                                      |                                           |                               |                               |                               | 2,17                          |                               |
|                          |                                               |                                | Pdh                                       | kW                                        |                               |                               |                               | 10,3                          |                               |
|                          |                                               |                                | PERd                                      | %                                         |                               |                               |                               | 86,8                          |                               |
|                          |                                               | Tbiv (bivalente temperatuur)   | COPd                                      |                                           |                               |                               |                               | 1,90                          |                               |
|                          |                                               |                                | Pdh                                       | kW                                        |                               |                               |                               | 11,0                          |                               |
|                          |                                               |                                | PERd                                      | %                                         |                               |                               |                               | 76,0                          |                               |
|                          |                                               |                                | Tbiv                                      | °C                                        |                               |                               |                               | -18                           |                               |
|                          | Extra capaciteit nominaal verwarmingsvermogen | Psup (bij Tontwerp -22°C)      |                                           | kW                                        |                               |                               |                               | 1,9                           |                               |
|                          |                                               | Wateruitlaat warm klimaat 55°C | Algemeen                                  | Annual energy consumption                 | kWh                           |                               |                               | 4.316                         |                               |
|                          |                                               |                                |                                           | ηs (seizoensefficiëntie ruimteverwarming) | %                             |                               |                               | 172                           |                               |
|                          |                                               |                                |                                           | Pnominaal 2°C                             | kW                            |                               |                               | 14                            |                               |
|                          |                                               |                                |                                           | Qhe Annual energy consumption (GCV)       | Gj                            |                               |                               | 16                            |                               |
|                          |                                               | B-conditie (2°C DB/1°C NB)     | Cdh (reductie van verwarming)             |                                           |                               |                               |                               | 1,0                           |                               |
|                          |                                               |                                | COPd                                      |                                           |                               |                               |                               | 2,62                          |                               |
|                          |                                               |                                | Pdh                                       | kW                                        |                               |                               |                               | 11,4                          |                               |
|                          |                                               |                                | PERd                                      | %                                         |                               |                               |                               | 104,8                         |                               |
|                          |                                               | C-conditie (7°C DB/6°C NB)     | Cdh (reductie van verwarming)             |                                           |                               |                               |                               | 1,0                           |                               |
|                          | Wateruitlaat H-voorwaarde (-2°C)              |                                | COPd                                      |                                           |                               |                               |                               | 3,78                          |                               |
|                          |                                               |                                | Pdh                                       | kW                                        |                               |                               |                               | 9,0                           |                               |
|                          |                                               |                                | PERd                                      | %                                         |                               |                               |                               | 151,2                         |                               |
|                          |                                               | D-conditie (12°C DB/11°C NB)   | Cdh (reductie van verwarming)             |                                           |                               |                               |                               | 1,0                           |                               |
|                          |                                               |                                | COPd                                      |                                           |                               |                               |                               | 5,63                          |                               |
|                          |                                               |                                | Pdh                                       | kW                                        |                               |                               |                               | 5,9                           |                               |
|                          |                                               |                                | PERd                                      | %                                         |                               |                               |                               | 225,2                         |                               |
|                          |                                               | Tbiv (bivalente temperatuur)   | COPd                                      |                                           |                               |                               |                               | 3,43                          |                               |
|                          |                                               |                                | Pdh                                       | kW                                        |                               |                               |                               | 11,1                          |                               |
|                          |                                               |                                | PERd                                      | %                                         |                               |                               |                               | 137,2                         |                               |
|                          |                                               |                                | Tbiv                                      | °C                                        |                               |                               |                               | 5                             |                               |
|                          |                                               | Max.                           |                                           | kW                                        | 11,1                          |                               |                               | 11,8                          |                               |
|                          | Wateruitlaat gematigd klimaat 35°C            | Algemeen                       | Annual energy consumption                 | kWh                                       |                               |                               |                               | 5.366                         |                               |
|                          |                                               |                                | ηs (seizoensefficiëntie ruimteverwarming) | %                                         |                               |                               |                               | 190                           |                               |
|                          |                                               |                                | Pnominaal -10°C                           | kW                                        |                               |                               |                               | 13                            |                               |
|                          |                                               |                                | Qhe Annual energy consumption (GCV)       | Gj                                        |                               |                               |                               | 19                            |                               |
|                          |                                               |                                | SCOP                                      |                                           |                               |                               |                               | 4,81                          |                               |

## 2 Specificaties

### 2 - 1 Specificaties

| Technische specificaties                                                                                                                    |                                               |                                           |                               | ETVX16S18E9W7 +<br>EPRA14DW17 | ETVX16S23E9W7 +<br>EPRA14DW17 | ETVX16S18E9W7 +<br>EPRA16DW17 | ETVX16S23E9W7 +<br>EPRA16DW17 | ETVX16S18E9W7 +<br>EPRA18DW17 | ETVX16S23E9W7 +<br>EPRA18DW17 |
|---------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------|-------------------------------------------|-------------------------------|-------------------------------|-------------------------------|-------------------------------|-------------------------------|-------------------------------|-------------------------------|
|  Verwarming<br>Wateruitlaat<br>gematigd<br>klimaat<br>35°C | Algemeen                                      | Seizoensefficiëntieklasse verwarming      |                               | A+++                          |                               |                               |                               |                               |                               |
|                                                                                                                                             |                                               | A-conditie                                | COPd                          | 2,97                          |                               |                               |                               |                               |                               |
|                                                                                                                                             | (-7°C DB/-8°C NB)                             | Pdh                                       | kW                            | 10,7                          |                               |                               |                               |                               |                               |
|                                                                                                                                             |                                               | PERd                                      | %                             | 118,8                         |                               |                               |                               |                               |                               |
|                                                                                                                                             |                                               | B-conditie                                | Cdh (reductie van verwarming) | 1,0                           |                               |                               |                               |                               |                               |
|                                                                                                                                             | (2°C DB/1°C NB)                               | COPd                                      |                               | 4,94                          |                               |                               |                               |                               |                               |
|                                                                                                                                             |                                               | Pdh                                       | kW                            | 6,9                           |                               |                               |                               |                               |                               |
|                                                                                                                                             |                                               | PERd                                      | %                             | 197,6                         |                               |                               |                               |                               |                               |
|                                                                                                                                             | (7°C DB/6°C NB)                               | Cdh (reductie van verwarming)             |                               | 1,0                           |                               |                               |                               |                               |                               |
|                                                                                                                                             |                                               | COPd                                      |                               | 5,95                          |                               |                               |                               |                               |                               |
|                                                                                                                                             |                                               | Pdh                                       | kW                            | 6,2                           |                               |                               |                               |                               |                               |
|                                                                                                                                             | (12°C DB/11°C NB)                             | PERd                                      | %                             | 238,0                         |                               |                               |                               |                               |                               |
|                                                                                                                                             |                                               | Cdh (reductie van verwarming)             |                               | 1,0                           |                               |                               |                               |                               |                               |
|                                                                                                                                             |                                               | COPd                                      |                               | 7,07                          |                               |                               |                               |                               |                               |
|                                                                                                                                             | TOL (bedrijfstemperatuur)                     | Pdh                                       | kW                            | 5,6                           |                               |                               |                               |                               |                               |
|                                                                                                                                             |                                               | PERd                                      | %                             | 282,8                         |                               |                               |                               |                               |                               |
|                                                                                                                                             |                                               | COPd                                      |                               | 2,88                          |                               |                               |                               |                               |                               |
|                                                                                                                                             | Tbiv (bivalente temperatuur)                  | Pdh                                       | kW                            | 12,1                          |                               |                               |                               |                               |                               |
|                                                                                                                                             |                                               | PERd                                      | %                             | 115,2                         |                               |                               |                               |                               |                               |
|                                                                                                                                             |                                               | TOL                                       | °C                            | -10                           |                               |                               |                               |                               |                               |
|                                                                                                                                             | Extra capaciteit nominaal verwarmingsvermogen | WTOL                                      | °C                            | 35                            |                               |                               |                               |                               |                               |
|                                                                                                                                             |                                               | COPd                                      |                               | 2,97                          |                               |                               |                               |                               |                               |
|                                                                                                                                             |                                               | Pdh                                       | kW                            | 10,7                          |                               |                               |                               |                               |                               |
|                                                                                                                                             | Wateruitlaat koud klimaat 35°C                | PERd                                      | %                             | 118,8                         |                               |                               |                               |                               |                               |
|                                                                                                                                             |                                               | Tbiv                                      | °C                            | -7                            |                               |                               |                               |                               |                               |
|                                                                                                                                             |                                               | Psup (bij Tontwerp -10°C)                 | kW                            | 0,4                           |                               |                               |                               |                               |                               |
|                                                                                                                                             | Annual energy consumption                     | Annual energy consumption                 | kWh                           | 7.377                         |                               |                               |                               |                               |                               |
|                                                                                                                                             |                                               | ηs (seizoensefficiëntie ruimteverwarming) | %                             | 164                           |                               |                               |                               |                               |                               |
|                                                                                                                                             |                                               | Phominaal -22°C                           | kW                            | 13                            |                               |                               |                               |                               |                               |
|                                                                                                                                             | A Condition (-7°CDB/-8°CWB)                   | Qhe jaarl. energieverbruik (GCV)          | Gj                            | 27                            |                               |                               |                               |                               |                               |
|                                                                                                                                             |                                               | COPd                                      |                               | 3,50                          |                               |                               |                               |                               |                               |
|                                                                                                                                             |                                               | Pdh                                       | kW                            | 8,0                           |                               |                               |                               |                               |                               |
|                                                                                                                                             | B Condition (2°CDB/1°CWB)                     | PERd                                      | %                             | 140,0                         |                               |                               |                               |                               |                               |
|                                                                                                                                             |                                               | Cdh (reductie van verwarming)             |                               | 1,0                           |                               |                               |                               |                               |                               |
|                                                                                                                                             |                                               | COPd                                      |                               | 5,07                          |                               |                               |                               |                               |                               |
|                                                                                                                                             | PERd                                          | Pdh                                       | kW                            | 4,9                           |                               |                               |                               |                               |                               |
|                                                                                                                                             |                                               | PERd                                      | %                             | 202,8                         |                               |                               |                               |                               |                               |

## 2 Specificaties

### 2 - 1 Specificaties

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| Technische specificaties |                                                |                                               |                                           | ETVX16S18E9W7 + EPRA14DW17 | ETVX16S23E9W7 + EPRA14DW17 | ETVX16S18E9W7 + EPRA16DW17 | ETVX16S23E9W7 + EPRA16DW17 | ETVX16S18E9W7 + EPRA18DW17 | ETVX16S23E9W7 + EPRA18DW17 |
|--------------------------|------------------------------------------------|-----------------------------------------------|-------------------------------------------|----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|
| Verwarming               | Wateruitlaat koud klimaat (7°C DB/6°C NB) 35°C | C-conditie (reductie van verwarming)          | Cdh                                       |                            |                            |                            |                            | 1,0                        |                            |
|                          |                                                |                                               | COPd                                      |                            |                            |                            |                            | 6,10                       |                            |
|                          |                                                |                                               | Pdh                                       | kW                         |                            |                            |                            | 5,3                        |                            |
|                          |                                                |                                               | PERd                                      | %                          |                            |                            |                            | 244,0                      |                            |
|                          |                                                |                                               |                                           |                            |                            |                            |                            | 1,0                        |                            |
|                          |                                                | D-conditie (12°C DB/11°C NB)                  | Cdh (reductie van verwarming)             |                            |                            |                            |                            | 7,03                       |                            |
|                          |                                                |                                               | COPd                                      |                            |                            |                            |                            | 5,7                        |                            |
|                          |                                                |                                               | Pdh                                       | kW                         |                            |                            |                            | 281,2                      |                            |
|                          |                                                |                                               | PERd                                      | %                          |                            |                            |                            | 2,17                       |                            |
|                          |                                                |                                               |                                           |                            |                            |                            |                            | 9,2                        |                            |
|                          |                                                | TOL (bedrijfstemperatuur)                     | Cdh                                       |                            |                            |                            |                            | 86,8                       |                            |
|                          |                                                |                                               | COPd                                      |                            |                            |                            |                            | -22                        |                            |
|                          |                                                |                                               | Pdh                                       | kW                         |                            |                            |                            | 35                         |                            |
|                          |                                                |                                               | PERd                                      | %                          |                            |                            |                            | 2,62                       |                            |
|                          |                                                |                                               |                                           |                            |                            |                            |                            | 10,7                       |                            |
|                          | Wateruitlaat warm klimaat 35°C                 | G-conditie (-15°C DB/-)                       | Cdh                                       |                            |                            |                            |                            | 104,8                      |                            |
|                          |                                                |                                               | COPd                                      |                            |                            |                            |                            | 2,62                       |                            |
|                          |                                                |                                               | Pdh                                       | kW                         |                            |                            |                            | 10,7                       |                            |
|                          |                                                |                                               | PERd                                      | %                          |                            |                            |                            | 104,8                      |                            |
|                          |                                                |                                               |                                           |                            |                            |                            |                            | -15                        |                            |
|                          |                                                | Tbiv (bivalente temperatuur)                  | Cdh                                       |                            |                            |                            |                            | 3,3                        |                            |
|                          |                                                |                                               | COPd                                      |                            |                            |                            |                            | 2,62                       |                            |
|                          |                                                |                                               | Pdh                                       | kW                         |                            |                            |                            | 10,7                       |                            |
|                          |                                                |                                               | PERd                                      | %                          |                            |                            |                            | 104,8                      |                            |
|                          |                                                |                                               | Tbiv                                      | °C                         |                            |                            |                            | -15                        |                            |
|                          |                                                | Extra capaciteit nominaal verwarmingsvermogen | Cdh                                       |                            |                            |                            |                            | 2,62                       |                            |
|                          |                                                |                                               | COPd                                      |                            |                            |                            |                            | 10,7                       |                            |
|                          |                                                |                                               | Pdh                                       | kW                         |                            |                            |                            | 104,8                      |                            |
|                          |                                                |                                               | PERd                                      | %                          |                            |                            |                            | -15                        |                            |
|                          |                                                |                                               | Tbiv                                      | °C                         |                            |                            |                            | 3,3                        |                            |
|                          | Wateruitlaat warm klimaat 35°C                 | Algemeen                                      | Annual energy consumption                 | kWh                        |                            |                            |                            | 2,855                      |                            |
|                          |                                                |                                               | ηs (seizoensefficiëntie ruimteverwarming) | %                          |                            |                            |                            | 231                        |                            |
|                          |                                                |                                               | Pnominaal 2°C                             | kW                         |                            |                            |                            | 13                         |                            |
|                          |                                                |                                               | Qhe Annual energy consumption (GCV)       | Gj                         |                            |                            |                            | 10                         |                            |
|                          |                                                |                                               |                                           |                            |                            |                            |                            | 1,0                        |                            |
|                          |                                                | B-conditie (2°C DB/1°C NB)                    | Cdh (reductie van verwarming)             |                            |                            |                            |                            | 3,51                       |                            |
|                          |                                                |                                               | COPd                                      |                            |                            |                            |                            | 10,0                       |                            |
|                          |                                                |                                               | Pdh                                       | kW                         |                            |                            |                            | 140,4                      |                            |
|                          |                                                |                                               | PERd                                      | %                          |                            |                            |                            | 1,0                        |                            |
|                          |                                                |                                               |                                           |                            |                            |                            |                            | 5,67                       |                            |
|                          |                                                | C-conditie (7°C DB/6°C NB)                    | Cdh (reductie van verwarming)             |                            |                            |                            |                            | 8,3                        |                            |
|                          |                                                |                                               | COPd                                      |                            |                            |                            |                            | 226,8                      |                            |
|                          |                                                |                                               | Pdh                                       | kW                         |                            |                            |                            | 4,96                       |                            |
|                          |                                                |                                               | PERd                                      | %                          |                            |                            |                            | 9,8                        |                            |
|                          |                                                |                                               |                                           |                            |                            |                            |                            | 198,4                      |                            |
|                          | Wateruitlaat warm klimaat 35°C                 | Tbiv (bivalente temperatuur)                  | Cdh                                       |                            |                            |                            |                            | 5                          |                            |
|                          |                                                |                                               | COPd                                      |                            |                            |                            |                            | 1,0                        |                            |
|                          |                                                |                                               | Pdh                                       | kW                         |                            |                            |                            | 7,04                       |                            |
|                          |                                                |                                               | PERd                                      | %                          |                            |                            |                            | 5,7                        |                            |
|                          |                                                |                                               |                                           |                            |                            |                            |                            | 281,6                      |                            |
|                          |                                                | D-conditie (12°C DB/11°C NB)                  | Cdh (reductie van verwarming)             |                            |                            |                            |                            | 1,0                        |                            |
|                          |                                                |                                               | COPd                                      |                            |                            |                            |                            | 7,04                       |                            |
|                          |                                                |                                               | Pdh                                       | kW                         |                            |                            |                            | 5,7                        |                            |
|                          |                                                |                                               | PERd                                      | %                          |                            |                            |                            | 281,6                      |                            |
|                          |                                                |                                               |                                           |                            |                            |                            |                            | 1,0                        |                            |

(1)Capaciteit overeenkomstig norm EN14511 en geldig voor een verwarmd waterbereik met dT = 3~8°C at Ta 7°C |

(2)Voorwaarde: Ta DB/NB 7°C/6°C - LWC 35°C (DT = 5°C) |

(3)Koelen: EW 23°C; LW 18°C; omgevingsomstandigheden: 35°CDB |

(4)Koelen: EW 12°C; LW 7°C; omgevingsomstandigheden: 35°CDB |

(5)Het opgenomen vermogen is het totaal van binnen- en buitenunits, met inbegrip van de circulatiepomp; overeenkomstig EN14511 |

(6)Getest bij Ta DB/NB 7°C/6°C. Conform EN 16147. |

(7)DB/WB 7°C/6°C - LWC 35°C (dT=5°C) met pomp aan volledig toerental

| Technische specificaties       |                                       |      |     | ETVZ16S18E6V7<br>+ EPRA14DW17         | ETVZ16S23E6V7<br>+ EPRA14DW17         | ETVZ16S18E6V7<br>+ EPRA16DW17         | ETVZ16S23E6V7<br>+ EPRA16DW17         | ETVZ16S18E6V7<br>+ EPRA18DW17         | ETVZ16S23E6V7<br>+ EPRA18DW17         |
|--------------------------------|---------------------------------------|------|-----|---------------------------------------|---------------------------------------|---------------------------------------|---------------------------------------|---------------------------------------|---------------------------------------|
| Verwarmingscapaciteit          | Min.                                  |      | kW  | 3,70 (1)                              |                                       | 3,96 (1)                              |                                       | 4,40 (1)                              |                                       |
|                                | Nom.                                  |      | kW  | 5,90 (2)                              |                                       | 9,00 (2)                              |                                       |                                       |                                       |
|                                | Max.                                  |      | kW  | 9,75 (1)                              |                                       | 10,44 (1)                             |                                       | 11,60 (1)                             |                                       |
| Opgenomen vermogen             | Verwarmen                             | Min. | kW  | 0,84 (3)                              |                                       | 0,90 (3)                              |                                       | 1,00 (3)                              |                                       |
|                                |                                       | Nom. | kW  | 1,23 (2)                              |                                       | 1,80 (2)                              |                                       |                                       |                                       |
|                                |                                       | Max. | kW  | 2,17 (3)                              |                                       | 2,32 (3)                              |                                       | 2,58 (3)                              |                                       |
|                                | Sanitair warm water van 10°C tot 50°C | Nom. | kWh | 2,57 (4)                              | 2,85 (4)                              | 2,57 (4)                              | 2,85 (4)                              | 2,57 (4)                              | 2,85 (4)                              |
|                                |                                       |      |     |                                       |                                       |                                       |                                       |                                       |                                       |
|                                |                                       |      |     |                                       |                                       |                                       |                                       |                                       |                                       |
| Heat up time from 10°C to 50°C |                                       |      | hr  | 1h02min at 7°C<br>ambient temperature | 1h13min at 7°C<br>ambient temperature | 1h02min at 7°C<br>ambient temperature | 1h13min at 7°C<br>ambient temperature | 1h02min at 7°C<br>ambient temperature | 1h13min at 7°C<br>ambient temperature |
| COP                            |                                       |      |     | 4,79 (2)                              |                                       | 5,00 (2)                              |                                       |                                       |                                       |
| Pomp                           | Type                                  |      |     |                                       | Grundfos UPML GEO 25-105 130 PWM      |                                       |                                       |                                       |                                       |

## 2 Specificaties

### 2 - 1 Specificaties

2

| Technische specificaties                       |                                      |                                         |       | ETVZ16S18E6V7<br>+ EPRA14DW17                                                              | ETVZ16S23E6V7<br>+ EPRA14DW17                           | ETVZ16S18E6V7<br>+ EPRA16DW17                 | ETVZ16S23E6V7<br>+ EPRA16DW17                           | ETVZ16S18E6V7<br>+ EPRA18DW17                 | ETVZ16S23E6V7<br>+ EPRA18DW17                           |
|------------------------------------------------|--------------------------------------|-----------------------------------------|-------|--------------------------------------------------------------------------------------------|---------------------------------------------------------|-----------------------------------------------|---------------------------------------------------------|-----------------------------------------------|---------------------------------------------------------|
| Pump Additional Zone                           | Nominale externe statische druk unit | Verwarmen                               | kPa   | 97,6 (5)                                                                                   |                                                         | 84,1 (5)                                      |                                                         |                                               |                                                         |
| Pump Main Zone                                 | Nominale externe statische druk unit | Verwarmen                               | kPa   | 90,2 (5)                                                                                   |                                                         | 80,0 (5)                                      |                                                         |                                               |                                                         |
| Warmtewisselaar waterzijde                     | Waterhoeveelheid                     | Verwarmen Nom.                          | l/min | 16,3 (2)                                                                                   |                                                         | 25,8 (2)                                      |                                                         |                                               |                                                         |
| General                                        | Gegevens van leverancier/fabrikant   | Naam en adres                           |       | Daikin Europe N.V. - Zandvoordestraat 300, 8400 Oostende, Belgium                          |                                                         |                                               |                                                         |                                               |                                                         |
|                                                |                                      | Naam of handelsmerk                     |       | Daikin Europe N.V.                                                                         |                                                         |                                               |                                                         |                                               |                                                         |
|                                                | Product description                  | Lucht/water-warmtepomp                  |       | Ja                                                                                         |                                                         |                                               |                                                         |                                               |                                                         |
|                                                |                                      | Glycol/water-warmtepomp                 |       | Nee                                                                                        |                                                         |                                               |                                                         |                                               |                                                         |
|                                                |                                      | Verwarming combinatie warmtepomp        |       | Ja                                                                                         |                                                         |                                               |                                                         |                                               |                                                         |
|                                                |                                      | Lagetemperatuurswarmtepomp              |       | Nee                                                                                        |                                                         |                                               |                                                         |                                               |                                                         |
|                                                |                                      | Ingebouwde hulpverwarming               |       | Ja                                                                                         |                                                         |                                               |                                                         |                                               |                                                         |
|                                                |                                      | Water/water-warmtepomp                  |       | Nee                                                                                        |                                                         |                                               |                                                         |                                               |                                                         |
| LW(A) geluidsvermogensniveau (volgens EN14825) | Binnen                               | dB(A)                                   | 44,0  |                                                                                            |                                                         |                                               |                                                         |                                               |                                                         |
| LW(A) Sound power level (according to EN14825) | Outdoor                              | dB(A)                                   | 54,0  |                                                                                            |                                                         |                                               |                                                         |                                               |                                                         |
| Ecodesign geluidsconditie en energielabel      |                                      |                                         |       | Geluidsvermogen in verwarmingsmodus, gemeten volgens EN12102 onder voorwaarden van EN14825 |                                                         |                                               |                                                         |                                               |                                                         |
| Tank                                           | Naam                                 |                                         |       | Roestvrijstalen sanitaire warmwatertank 180 l                                              | Roestvrijstalen tank voor sanitair warm water van 230 L | Roestvrijstalen sanitaire warmwatertank 180 l | Roestvrijstalen tank voor sanitair warm water van 230 L | Roestvrijstalen sanitaire warmwatertank 180 l | Roestvrijstalen tank voor sanitair warm water van 230 L |
| Algemene verwarming                            | Andere                               | Capacity control                        |       | Inverter                                                                                   |                                                         |                                               |                                                         |                                               |                                                         |
|                                                |                                      | Pck (carterverwarming aan)              | kW    | 0,000                                                                                      |                                                         |                                               |                                                         |                                               |                                                         |
|                                                |                                      | Poff (uitgeschakelde stand)             | kW    | 0,031                                                                                      |                                                         |                                               |                                                         |                                               |                                                         |
|                                                |                                      | Psb (in stand-by)                       | kW    | 0,042                                                                                      |                                                         |                                               |                                                         |                                               |                                                         |
|                                                |                                      | Pto (thermostaat uit)                   | kW    | 0,033                                                                                      |                                                         |                                               |                                                         |                                               |                                                         |
| Sanitair warm water                            | Algemeen                             | Aangegevens belastingprofiel            |       | L                                                                                          | XL                                                      | L                                             | XL                                                      | L                                             | XL                                                      |
| Algemene verwarming                            | Ingebouwde hulpverwarming            | Psup                                    | kW    | 6,0                                                                                        |                                                         |                                               |                                                         |                                               |                                                         |
|                                                |                                      | Type stroomvoorziening                  |       | Elektrisch                                                                                 |                                                         |                                               |                                                         |                                               |                                                         |
| Sanitair warm water                            | Gematigd klimaat                     | AEC (jaarlijks stroomverbruik)          | kWh   | 969                                                                                        | 1.572                                                   | 969                                           | 1.572                                                   | 969                                           | 1.572                                                   |
|                                                |                                      | COPdhw                                  |       | 2,51                                                                                       | 2,55                                                    | 2,51                                          | 2,55                                                    | 2,51                                          | 2,55                                                    |
|                                                |                                      | Heat up time                            |       | 1h 06min                                                                                   | 1h 19min                                                | 1h 06min                                      | 1h 19min                                                | 1h 06min                                      | 1h 19min                                                |
| Sanitair warm water                            | Gematigd klimaat                     | ηwh (waterverwarmingsrendement)         | %     | 106                                                                                        | 107                                                     | 106                                           | 107                                                     | 106                                           | 107                                                     |
|                                                |                                      | Qelec (dagelijks stroomverbruik)        | kWh   | 4,650                                                                                      | 7,480                                                   | 4,650                                         | 7,480                                                   | 4,650                                         | 7,480                                                   |
|                                                |                                      | Referentietemperatuur warm water        | °C    | 52,5                                                                                       |                                                         |                                               |                                                         |                                               |                                                         |
|                                                |                                      | Stand-by vermogen ingang                | W     | 42,9                                                                                       | 58,5                                                    | 42,9                                          | 58,5                                                    | 42,9                                          | 58,5                                                    |
|                                                |                                      | Energierendementsklasse waterverwarming |       | A                                                                                          |                                                         |                                               |                                                         |                                               |                                                         |
|                                                | Koud klimaat                         | AEC (jaarlijks stroomverbruik)          | kWh   | 1.124                                                                                      | 1.839                                                   | 1.124                                         | 1.839                                                   | 1.124                                         | 1.839                                                   |
|                                                |                                      | COPdhw                                  |       | 2,17                                                                                       | 2,19                                                    | 2,17                                          | 2,19                                                    | 2,17                                          | 2,19                                                    |
|                                                |                                      | Heat up time                            |       | 1h 04min                                                                                   | 1h 16min                                                | 1h 04min                                      | 1h 16min                                                | 1h 04min                                      | 1h 16min                                                |
|                                                |                                      | ηwh (waterverwarmingsrendement)         | %     | 91                                                                                         |                                                         |                                               |                                                         |                                               |                                                         |
|                                                |                                      | Qelec (dagelijks stroomverbruik)        | kWh   | 5,370                                                                                      | 8,720                                                   | 5,370                                         | 8,720                                                   | 5,370                                         | 8,720                                                   |
| Sanitair warm water                            | Warm klimaat                         | Referentietemperatuur warm water        | °C    | 52,5                                                                                       |                                                         |                                               |                                                         |                                               |                                                         |
|                                                |                                      | Stand-by vermogen ingang                | W     | 45,0                                                                                       | 63,7                                                    | 45,0                                          | 63,7                                                    | 45,0                                          | 63,7                                                    |
|                                                |                                      | AEC (jaarlijks stroomverbruik)          | kWh   | 876                                                                                        | 1.413                                                   | 876                                           | 1.413                                                   | 876                                           | 1.413                                                   |
|                                                |                                      | COPdhw                                  |       | 2,76                                                                                       | 2,83                                                    | 2,76                                          | 2,83                                                    | 2,76                                          | 2,83                                                    |
|                                                |                                      | Heat up time                            |       | 1h 15min                                                                                   | 1h 30min                                                | 1h 15min                                      | 1h 30min                                                | 1h 15min                                      | 1h 30min                                                |
|                                                |                                      | ηwh (waterverwarmingsrendement)         | %     | 117                                                                                        | 119                                                     | 117                                           | 119                                                     | 117                                           | 119                                                     |
|                                                |                                      | Qelec (dagelijks stroomverbruik)        | kWh   | 4,220                                                                                      | 6,740                                                   | 4,220                                         | 6,740                                                   | 4,220                                         | 6,740                                                   |
|                                                |                                      | Referentietemperatuur warm water        | °C    | 52,5                                                                                       |                                                         |                                               |                                                         |                                               |                                                         |
|                                                |                                      | Stand-by vermogen ingang                | W     | 41,6                                                                                       | 55,4                                                    | 41,6                                          | 55,4                                                    | 41,6                                          | 55,4                                                    |
|                                                |                                      |                                         |       |                                                                                            |                                                         |                                               |                                                         |                                               |                                                         |

## 2 Specificaties

### 2 - 1 Specificaties

| Technische specificaties |                                             |                                                                  |                                                       | ETVZ16S18E6V7<br>+ EPRA14DW17 | ETVZ16S23E6V7<br>+ EPRA14DW17 | ETVZ16S18E6V7<br>+ EPRA16DW17 | ETVZ16S23E6V7<br>+ EPRA16DW17 | ETVZ16S18E6V7<br>+ EPRA18DW17 | ETVZ16S23E6V7<br>+ EPRA18DW17 |
|--------------------------|---------------------------------------------|------------------------------------------------------------------|-------------------------------------------------------|-------------------------------|-------------------------------|-------------------------------|-------------------------------|-------------------------------|-------------------------------|
| Verwarming               | Wateruitlaat<br>gematigd<br>klimaat<br>55°C | Algemeen                                                         | Annual energy consumption                             | kWh                           |                               |                               |                               | 7,236                         |                               |
|                          |                                             |                                                                  | η <sub>s</sub> (seizoensefficiëntie ruimteverwarming) | %                             |                               |                               |                               | 140                           |                               |
|                          |                                             |                                                                  | Phominaal -10°C                                       | kW                            |                               |                               |                               | 13                            |                               |
|                          |                                             |                                                                  | Qhe Annual energy consumption (GCV)                   | Gj                            |                               |                               |                               | 26                            |                               |
|                          |                                             |                                                                  | SCOP                                                  |                               |                               |                               |                               | 3,57                          |                               |
|                          |                                             |                                                                  | Seizoensefficiëntieklasse verwarming                  |                               |                               |                               |                               | A++                           |                               |
|                          |                                             | A-conditie<br>(-7°C DB/-<br>8°C NB)                              | Cdh (reductie van verwarming)                         |                               |                               |                               |                               | 1,0                           |                               |
|                          |                                             |                                                                  | COPd                                                  |                               |                               |                               |                               | 2,43                          |                               |
|                          |                                             |                                                                  | Pdh                                                   | kW                            |                               |                               |                               | 11,1                          |                               |
|                          |                                             |                                                                  | PERd                                                  | %                             |                               |                               |                               | 97,2                          |                               |
|                          |                                             | B-conditie<br>(2°C DB/1°C<br>NB)                                 | Cdh (reductie van verwarming)                         |                               |                               |                               |                               | 1,0                           |                               |
|                          |                                             |                                                                  | COPd                                                  |                               |                               |                               |                               | 3,52                          |                               |
|                          |                                             |                                                                  | Pdh                                                   | kW                            |                               |                               |                               | 6,7                           |                               |
|                          |                                             |                                                                  | PERd                                                  | %                             |                               |                               |                               | 140,8                         |                               |
|                          |                                             | C-conditie<br>(7°C DB/6°C<br>NB)                                 | Cdh (reductie van verwarming)                         |                               |                               |                               |                               | 1,0                           |                               |
|                          |                                             |                                                                  | COPd                                                  |                               |                               |                               |                               | 4,54                          |                               |
|                          |                                             |                                                                  | Pdh                                                   | kW                            |                               |                               |                               | 6,5                           |                               |
|                          |                                             |                                                                  | PERd                                                  | %                             |                               |                               |                               | 181,6                         |                               |
| Verwarming               | Wateruitlaat<br>gematigd<br>klimaat<br>55°C | D-conditie<br>(12°C DB/11°C<br>NB)                               | Cdh (reductie van verwarming)                         |                               |                               |                               |                               | 1,0                           |                               |
|                          |                                             |                                                                  | COPd                                                  |                               |                               |                               |                               | 5,97                          |                               |
|                          |                                             |                                                                  | Pdh                                                   | kW                            |                               |                               |                               | 5,2                           |                               |
|                          |                                             |                                                                  | PERd                                                  | %                             |                               |                               |                               | 238,8                         |                               |
|                          |                                             | TOL (bedrijf-<br>stempera-<br>tuur)                              | COPd                                                  |                               |                               |                               |                               | 2,12                          |                               |
|                          |                                             |                                                                  | Pdh                                                   | kW                            |                               |                               |                               | 12,5                          |                               |
|                          |                                             |                                                                  | PERd                                                  | %                             |                               |                               |                               | 84,8                          |                               |
|                          |                                             |                                                                  | TOL                                                   | °C                            |                               |                               |                               | -10                           |                               |
|                          |                                             | Extra<br>capaciteit<br>nominaal<br>verwar-<br>mingsver-<br>mogen | WTOL                                                  | °C                            |                               |                               |                               | 55                            |                               |
|                          |                                             |                                                                  | Psup (bij Tontwerp<br>-10°C)                          | kW                            |                               |                               |                               | 0,0                           |                               |
|                          |                                             |                                                                  | Tbiv                                                  |                               |                               |                               |                               |                               |                               |
|                          |                                             |                                                                  | COPd                                                  |                               |                               |                               |                               | 2,12                          |                               |
|                          |                                             | (bivalente<br>tempera-<br>tuur)                                  | Pdh                                                   | kW                            |                               |                               |                               | 12,5                          |                               |
|                          |                                             |                                                                  | PERd                                                  | %                             |                               |                               |                               | 84,8                          |                               |
|                          |                                             |                                                                  | Tbiv                                                  | °C                            |                               |                               |                               | -10                           |                               |
|                          |                                             |                                                                  | WTOL                                                  | °C                            |                               |                               |                               | 55                            |                               |
|                          | Wateruitlaat<br>koud klimaat<br>55°C        | Algemeen                                                         | Annual energy consumption                             | kWh                           |                               |                               |                               | 9,658                         |                               |
|                          |                                             |                                                                  | η <sub>s</sub> (seizoensefficiëntie ruimteverwarming) | %                             |                               |                               |                               | 125                           |                               |
|                          |                                             |                                                                  | Phominaal -22°C                                       | kW                            |                               |                               |                               | 13                            |                               |
|                          |                                             |                                                                  | Qhe Annual energy consumption (GCV)                   | Gj                            |                               |                               |                               | 35                            |                               |
|                          |                                             | A-conditie<br>(-7°C DB/-<br>8°C NB)                              | Cdh (reductie van verwarming)                         |                               |                               |                               |                               | 1,0                           |                               |
|                          |                                             |                                                                  | COPd                                                  |                               |                               |                               |                               | 2,74                          |                               |
|                          |                                             |                                                                  | Pdh                                                   | kW                            |                               |                               |                               | 7,5                           |                               |
|                          |                                             |                                                                  | PERd                                                  | %                             |                               |                               |                               | 109,6                         |                               |
|                          |                                             | B-conditie<br>(2°C DB/1°C<br>NB)                                 | Cdh (reductie van verwarming)                         |                               |                               |                               |                               | 1,0                           |                               |
|                          |                                             |                                                                  | COPd                                                  |                               |                               |                               |                               | 3,67                          |                               |
|                          |                                             |                                                                  | Pdh                                                   | kW                            |                               |                               |                               | 5,8                           |                               |
|                          |                                             |                                                                  | PERd                                                  | %                             |                               |                               |                               | 146,8                         |                               |
|                          |                                             | C-conditie<br>(7°C DB/6°C<br>NB)                                 | Cdh (reductie van verwarming)                         |                               |                               |                               |                               | 1,0                           |                               |
|                          |                                             |                                                                  | COPd                                                  |                               |                               |                               |                               | 4,69                          |                               |
|                          |                                             |                                                                  | Pdh                                                   | kW                            |                               |                               |                               | 5,6                           |                               |
|                          |                                             |                                                                  | PERd                                                  | %                             |                               |                               |                               | 187,6                         |                               |
|                          |                                             | D-conditie<br>(12°C DB/11°C<br>NB)                               | COPd                                                  |                               |                               |                               |                               | 6,12                          |                               |
|                          |                                             |                                                                  | Pdh                                                   | kW                            |                               |                               |                               | 6,2                           |                               |
|                          |                                             |                                                                  | PERd                                                  | %                             |                               |                               |                               | 244,8                         |                               |
|                          |                                             |                                                                  | TOL (bedrijf-<br>stempera-<br>tuur)                   |                               |                               |                               |                               | 1,65                          |                               |
|                          |                                             | TOL (bedrijf-<br>stempera-<br>tuur)                              | Pdh                                                   | kW                            |                               |                               |                               | 10,6                          |                               |
|                          |                                             |                                                                  | PERd                                                  | %                             |                               |                               |                               | 66,0                          |                               |
|                          |                                             |                                                                  | TOL                                                   | °C                            |                               |                               |                               | -22                           |                               |
|                          |                                             |                                                                  | TOL                                                   | °C                            |                               |                               |                               | -22                           |                               |

## 2 Specificaties

### 2 - 1 Specificaties

| Technische specificaties                                                                        |                                                                  |                                         |                                              | ETVZ16S18E6V7<br>+ EPRA14DW17 | ETVZ16S23E6V7<br>+ EPRA14DW17 | ETVZ16S18E6V7<br>+ EPRA16DW17 | ETVZ16S23E6V7<br>+ EPRA16DW17 | ETVZ16S18E6V7<br>+ EPRA18DW17 | ETVZ16S23E6V7<br>+ EPRA18DW17 |
|-------------------------------------------------------------------------------------------------|------------------------------------------------------------------|-----------------------------------------|----------------------------------------------|-------------------------------|-------------------------------|-------------------------------|-------------------------------|-------------------------------|-------------------------------|
| Verwarming<br> | Wateruitlaat<br>koud klimaat<br>55°C                             | TOL (bedrijf-<br>stempere-<br>tuur)     | WTOL °C                                      |                               |                               |                               | 55                            |                               |                               |
|                                                                                                 |                                                                  | G-conditie<br>(-15°C DB/-)              | COPd                                         |                               |                               |                               | 2,17                          |                               |                               |
|                                                                                                 |                                                                  |                                         | Pdh kW                                       |                               |                               |                               | 10,3                          |                               |                               |
|                                                                                                 |                                                                  |                                         | PERd %                                       |                               |                               |                               | 86,8                          |                               |                               |
|                                                                                                 |                                                                  | Tbiv<br>(bivalente<br>tempera-<br>tuur) | COPd                                         |                               |                               |                               | 1,90                          |                               |                               |
|                                                                                                 |                                                                  |                                         | Pdh kW                                       |                               |                               |                               | 11,0                          |                               |                               |
|                                                                                                 |                                                                  |                                         | PERd %                                       |                               |                               |                               | 76,0                          |                               |                               |
|                                                                                                 |                                                                  |                                         | Tbiv °C                                      |                               |                               |                               | -18                           |                               |                               |
|                                                                                                 | Extra<br>capaciteit<br>nominaal<br>verwar-<br>mingsver-<br>mogen | Psup (bij Tontwerp<br>-22°C)            | kW                                           |                               |                               |                               | 1,9                           |                               |                               |
|                                                                                                 |                                                                  |                                         |                                              |                               |                               |                               |                               |                               |                               |
|                                                                                                 |                                                                  |                                         |                                              |                               |                               |                               |                               |                               |                               |
|                                                                                                 |                                                                  |                                         |                                              |                               |                               |                               |                               |                               |                               |
|                                                                                                 |                                                                  |                                         |                                              |                               |                               |                               |                               |                               |                               |
|                                                                                                 |                                                                  |                                         |                                              |                               |                               |                               |                               |                               |                               |
|                                                                                                 |                                                                  |                                         |                                              |                               |                               |                               |                               |                               |                               |
|                                                                                                 |                                                                  |                                         |                                              |                               |                               |                               |                               |                               |                               |
|                                                                                                 | Wateruitlaat<br>warm<br>klimaat<br>55°C                          | Algemeen                                | Annual energy<br>consumption                 | kWh                           |                               |                               | 4.453                         |                               |                               |
|                                                                                                 |                                                                  |                                         | ηs (seizoensefficiëntie<br>ruimteverwarming) | %                             |                               |                               | 166                           |                               |                               |
|                                                                                                 |                                                                  |                                         | Pnominaal 2°C                                | kW                            |                               |                               | 14                            |                               |                               |
|                                                                                                 |                                                                  |                                         | Qhe Annual energy<br>consumption (GCV)       | Gj                            |                               |                               | 16                            |                               |                               |
|                                                                                                 |                                                                  | B-conditie<br>(2°C DB/1°C<br>NB)        | Cdh (reductie van verwarming)                |                               |                               |                               | 1,0                           |                               |                               |
|                                                                                                 |                                                                  |                                         | COPd                                         |                               |                               |                               | 2,62                          |                               |                               |
|                                                                                                 |                                                                  |                                         | Pdh kW                                       |                               |                               |                               | 11,4                          |                               |                               |
|                                                                                                 |                                                                  |                                         | PERd %                                       |                               |                               |                               | 104,8                         |                               |                               |
|                                                                                                 |                                                                  | C-conditie<br>(7°C DB/6°C<br>NB)        | Cdh (reductie van verwarming)                |                               |                               |                               | 1,0                           |                               |                               |
|                                                                                                 |                                                                  |                                         | COPd                                         |                               |                               |                               | 3,78                          |                               |                               |
|                                                                                                 |                                                                  |                                         | Pdh kW                                       |                               |                               |                               | 9,0                           |                               |                               |
|                                                                                                 |                                                                  |                                         | PERd %                                       |                               |                               |                               | 151,2                         |                               |                               |
|                                                                                                 | Wateruitlaat<br>45°C                                             | D-conditie<br>(12°C DB/11°C<br>NB)      | Cdh (reductie van verwarming)                |                               |                               |                               | 1,0                           |                               |                               |
|                                                                                                 |                                                                  |                                         | COPd                                         |                               |                               |                               | 5,63                          |                               |                               |
|                                                                                                 |                                                                  |                                         | Pdh kW                                       |                               |                               |                               | 5,9                           |                               |                               |
|                                                                                                 |                                                                  |                                         | PERd %                                       |                               |                               |                               | 225,2                         |                               |                               |
|                                                                                                 |                                                                  | Tbiv<br>(bivalente<br>tempera-<br>tuur) | COPd                                         |                               |                               |                               | 3,43                          |                               |                               |
|                                                                                                 |                                                                  |                                         | Pdh kW                                       |                               |                               |                               | 11,1                          |                               |                               |
|                                                                                                 |                                                                  |                                         | PERd %                                       |                               |                               |                               | 137,2                         |                               |                               |
|                                                                                                 |                                                                  |                                         | Tbiv °C                                      |                               |                               |                               | 5                             |                               |                               |
|                                                                                                 | Wateruitlaat<br>gematigd<br>klimaat<br>35°C                      | H-voorwaar-<br>de (-2°C)                | Max. kW                                      |                               | 11,1                          |                               |                               | 11,8                          |                               |
|                                                                                                 | Wateruitlaat<br>gematigd<br>klimaat<br>35°C                      | Algemeen                                | Annual energy<br>consumption                 | kWh                           |                               |                               | 5.479                         |                               |                               |
|                                                                                                 |                                                                  |                                         | ηs (seizoensefficiëntie<br>ruimteverwarming) | %                             |                               |                               | 186                           |                               |                               |
|                                                                                                 |                                                                  |                                         | Pnominaal -10°C                              | kW                            |                               |                               | 13                            |                               |                               |
|                                                                                                 |                                                                  |                                         | Qhe Annual energy<br>consumption (GCV)       | Gj                            |                               |                               | 20                            |                               |                               |
|                                                                                                 |                                                                  |                                         | SCOP                                         |                               |                               |                               | 4,71                          |                               |                               |
|                                                                                                 |                                                                  |                                         | Seizoensefficiëntieklasse<br>verwarming      |                               |                               |                               | A+++                          |                               |                               |
|                                                                                                 | Wateruitlaat<br>gematigd<br>klimaat<br>35°C                      | A-conditie<br>(-7°C DB/-<br>8°C NB)     | COPd                                         |                               |                               |                               | 2,97                          |                               |                               |
|                                                                                                 |                                                                  |                                         |                                              |                               |                               |                               |                               |                               |                               |

## 2 Specificaties

### 2 - 1 Specificaties

| Technische specificaties |                                                                                                                                                             |                                                                  |                               | ETVZ16S18E6V7<br>+ EPRA14DW17                | ETVZ16S23E6V7<br>+ EPRA14DW17 | ETVZ16S18E6V7<br>+ EPRA16DW17 | ETVZ16S23E6V7<br>+ EPRA16DW17 | ETVZ16S18E6V7<br>+ EPRA18DW17 | ETVZ16S23E6V7<br>+ EPRA18DW17 |
|--------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------|-------------------------------|----------------------------------------------|-------------------------------|-------------------------------|-------------------------------|-------------------------------|-------------------------------|
| Verwarming               |  Wateruitlaat A-conditie<br>gematigd (-7°C DB/-<br>klimaat 8°C NB)<br>35°C | Pdh                                                              | kW                            |                                              |                               |                               |                               | 10,7                          |                               |
|                          |                                                                                                                                                             | PERd                                                             | %                             |                                              |                               |                               | 118,8                         |                               |                               |
|                          |                                                                                                                                                             | Cdh (reductie van verwarming)                                    |                               |                                              |                               |                               | 1,0                           |                               |                               |
|                          |                                                                                                                                                             | COPd                                                             |                               |                                              |                               |                               | 4,94                          |                               |                               |
|                          |                                                                                                                                                             | Pdh                                                              | kW                            |                                              |                               |                               | 6,9                           |                               |                               |
|                          |                                                                                                                                                             | PERd                                                             | %                             |                                              |                               |                               | 197,6                         |                               |                               |
|                          |                                                                                                                                                             | Cdh (reductie van verwarming)                                    |                               |                                              |                               |                               | 1,0                           |                               |                               |
|                          |                                                                                                                                                             | COPd                                                             |                               |                                              |                               |                               | 5,95                          |                               |                               |
|                          |                                                                                                                                                             | Pdh                                                              | kW                            |                                              |                               |                               | 6,2                           |                               |                               |
|                          |                                                                                                                                                             | PERd                                                             | %                             |                                              |                               |                               | 238,0                         |                               |                               |
|                          |                                                                                                                                                             | Cdh (reductie van verwarming)                                    |                               |                                              |                               |                               | 1,0                           |                               |                               |
|                          |                                                                                                                                                             | COPd                                                             |                               |                                              |                               |                               | 7,07                          |                               |                               |
|                          |                                                                                                                                                             | Pdh                                                              | kW                            |                                              |                               |                               | 5,6                           |                               |                               |
|                          |                                                                                                                                                             | PERd                                                             | %                             |                                              |                               |                               | 282,8                         |                               |                               |
|                          |                                                                                                                                                             | TOL (bedrijf-<br>stempera-<br>tuur)                              |                               |                                              |                               |                               | 2,88                          |                               |                               |
|                          |                                                                                                                                                             | Pdh                                                              | kW                            |                                              |                               |                               | 12,1                          |                               |                               |
|                          |                                                                                                                                                             | PERd                                                             | %                             |                                              |                               |                               | 115,2                         |                               |                               |
|                          |                                                                                                                                                             | TOL                                                              | °C                            |                                              |                               |                               | -10                           |                               |                               |
|                          |                                                                                                                                                             | WTOL                                                             | °C                            |                                              |                               |                               | 35                            |                               |                               |
|                          |                                                                                                                                                             | Tbiv                                                             |                               |                                              |                               |                               | 2,97                          |                               |                               |
|                          |                                                                                                                                                             | (bivalente<br>tempera-<br>tuur)                                  |                               |                                              |                               |                               | 10,7                          |                               |                               |
|                          |                                                                                                                                                             | PERd                                                             | %                             |                                              |                               |                               | 118,8                         |                               |                               |
|                          |                                                                                                                                                             | Tbiv                                                             | °C                            |                                              |                               |                               | -7                            |                               |                               |
|                          |                                                                                                                                                             | Extra<br>capaciteit<br>nominaal<br>verwar-<br>mingsver-<br>mogen | Psup (bij Tontwerp<br>-10°C)  |                                              |                               |                               | 0,4                           |                               |                               |
|                          |                                                                                                                                                             | Wateruitlaat<br>koud klimaat<br>35°C                             | Algemeen                      | Annual energy<br>consumption                 | kWh                           |                               | 7,445                         |                               |                               |
|                          |                                                                                                                                                             |                                                                  |                               | ηs (seizoensefficiëntie<br>ruimteverwarming) | %                             |                               | 163                           |                               |                               |
|                          |                                                                                                                                                             |                                                                  |                               | Phominaal -22°C                              | kW                            |                               | 13                            |                               |                               |
|                          |                                                                                                                                                             |                                                                  |                               | Qhe jaarl. energiever-<br>bruik (GCV)        | Gj                            |                               | 27                            |                               |                               |
|                          |                                                                                                                                                             |                                                                  | A Condition                   | COPd                                         |                               |                               | 3,50                          |                               |                               |
|                          |                                                                                                                                                             |                                                                  | (-7°CDB-<br>B/-8°CWB)         | Pdh                                          | kW                            |                               | 8,0                           |                               |                               |
|                          |                                                                                                                                                             |                                                                  |                               | PERd                                         | %                             |                               | 140,0                         |                               |                               |
|                          |                                                                                                                                                             |                                                                  | B Condition                   | Cdh (reductie van verwarming)                |                               |                               | 1,0                           |                               |                               |
|                          |                                                                                                                                                             |                                                                  | (2°CDB-<br>B/1°CWB)           | COPd                                         |                               |                               | 5,07                          |                               |                               |
|                          |                                                                                                                                                             |                                                                  |                               | Pdh                                          | kW                            |                               | 4,9                           |                               |                               |
|                          |                                                                                                                                                             |                                                                  |                               | PERd                                         | %                             |                               | 202,8                         |                               |                               |
|                          |                                                                                                                                                             |                                                                  | C-conditie (7°C<br>DB/6°C NB) | Cdh (reductie van verwarming)                |                               |                               | 1,0                           |                               |                               |
|                          |                                                                                                                                                             |                                                                  |                               | COPd                                         |                               |                               | 6,10                          |                               |                               |



## 2 Specificaties

### 2 - 1 Specificaties

2

| Technische specificaties |                                        |                                                                  |                                              | ETVZ16S18E6V7<br>+ EPRA14DW17 | ETVZ16S23E6V7<br>+ EPRA14DW17 | ETVZ16S18E6V7<br>+ EPRA16DW17 | ETVZ16S23E6V7<br>+ EPRA16DW17 | ETVZ16S18E6V7<br>+ EPRA18DW17 | ETVZ16S23E6V7<br>+ EPRA18DW17 |
|--------------------------|----------------------------------------|------------------------------------------------------------------|----------------------------------------------|-------------------------------|-------------------------------|-------------------------------|-------------------------------|-------------------------------|-------------------------------|
| Verwarming               | Wateruitlaat<br>koud klimaat<br>35°C   | C-conditie<br>(7°C DB/6°C<br>NB)                                 | Pdh                                          | kW                            |                               |                               | 5,3                           |                               |                               |
|                          |                                        |                                                                  | PERd                                         | %                             |                               |                               | 244,0                         |                               |                               |
|                          |                                        | D-conditie<br>(12°C DB/11°C<br>NB)                               | Cdh (reductie van verwarming)                |                               |                               |                               | 1,0                           |                               |                               |
|                          |                                        |                                                                  | COPd                                         |                               |                               |                               | 7,03                          |                               |                               |
|                          |                                        |                                                                  | Pdh                                          | kW                            |                               |                               | 5,7                           |                               |                               |
|                          |                                        |                                                                  | PERd                                         | %                             |                               |                               | 281,2                         |                               |                               |
|                          |                                        | TOL (bedrijf-<br>stempera-<br>tuur)                              | COPd                                         |                               |                               |                               | 2,17                          |                               |                               |
|                          |                                        |                                                                  | Pdh                                          | kW                            |                               |                               | 9,2                           |                               |                               |
|                          |                                        |                                                                  | PERd                                         | %                             |                               |                               | 86,8                          |                               |                               |
|                          |                                        |                                                                  | TOL                                          | °C                            |                               |                               | -22                           |                               |                               |
|                          |                                        |                                                                  | WTOL                                         | °C                            |                               |                               | 35                            |                               |                               |
|                          |                                        | G-conditie<br>(-15°C DB/-)                                       | COPd                                         |                               |                               |                               | 2,62                          |                               |                               |
|                          |                                        |                                                                  | Pdh                                          | kW                            |                               |                               | 10,7                          |                               |                               |
|                          |                                        |                                                                  | PERd                                         | %                             |                               |                               | 104,8                         |                               |                               |
|                          |                                        |                                                                  | Tbiv                                         | COPd                          |                               |                               | 2,62                          |                               |                               |
|                          | Wateruitlaat<br>warm kli-<br>maat 35°C | Algemeen                                                         | Pdh                                          | kW                            |                               |                               | 10,7                          |                               |                               |
|                          |                                        |                                                                  | PERd                                         | %                             |                               |                               | 104,8                         |                               |                               |
|                          |                                        | Extra<br>capaciteit<br>nominale<br>verwar-<br>mingsver-<br>mogen | Tbiv                                         | °C                            |                               |                               | -15                           |                               |                               |
|                          |                                        |                                                                  | Psup (bij Tontwerp<br>-22°C)                 | kW                            |                               |                               | 3,3                           |                               |                               |
|                          |                                        |                                                                  | Annual energy<br>consumption                 | kWh                           |                               |                               | 2.992                         |                               |                               |
|                          |                                        |                                                                  | ηs (seizoensefficiëntie<br>ruimteverwarming) | %                             |                               |                               | 220                           |                               |                               |
|                          |                                        | B-conditie<br>(2°C DB/1°C<br>NB)                                 | Phominaal 2°C                                | kW                            |                               |                               | 13                            |                               |                               |
|                          |                                        |                                                                  | Qhe Annual energy<br>consumption (GCV)       | Gj                            |                               |                               | 11                            |                               |                               |
|                          |                                        |                                                                  | Cdh (reductie van verwarming)                |                               |                               |                               | 1,0                           |                               |                               |
|                          |                                        |                                                                  | COPd                                         |                               |                               |                               | 3,51                          |                               |                               |
|                          |                                        | C-conditie<br>(7°C DB/6°C<br>NB)                                 | Pdh                                          | kW                            |                               |                               | 10,0                          |                               |                               |
|                          |                                        |                                                                  | PERd                                         | %                             |                               |                               | 140,4                         |                               |                               |
|                          |                                        | D-conditie<br>(12°C DB/11°C<br>NB)                               | Cdh (reductie van verwarming)                |                               |                               |                               | 1,0                           |                               |                               |
|                          |                                        |                                                                  | COPd                                         |                               |                               |                               | 5,67                          |                               |                               |
| Verwarming               | Wateruitlaat<br>warm kli-<br>maat 35°C |                                                                  | Pdh                                          | kW                            |                               |                               | 8,3                           |                               |                               |
|                          |                                        |                                                                  | PERd                                         | %                             |                               |                               | 226,8                         |                               |                               |
|                          |                                        | Tbiv                                                             | COPd                                         |                               |                               |                               | 4,96                          |                               |                               |
|                          |                                        |                                                                  | Pdh                                          | kW                            |                               |                               | 9,8                           |                               |                               |
|                          |                                        | (bivalente<br>tempera-<br>tuur)                                  | PERd                                         | %                             |                               |                               | 198,4                         |                               |                               |
|                          |                                        |                                                                  | Tbiv                                         | °C                            |                               |                               | 5                             |                               |                               |
|                          |                                        | D-conditie<br>(12°C DB/11°C<br>NB)                               | Cdh (reductie van verwarming)                |                               |                               |                               | 1,0                           |                               |                               |
|                          |                                        |                                                                  | COPd                                         |                               |                               |                               | 7,04                          |                               |                               |
|                          |                                        |                                                                  | Pdh                                          | kW                            |                               |                               | 5,7                           |                               |                               |
|                          |                                        |                                                                  | PERd                                         | %                             |                               |                               | 281,6                         |                               |                               |

(1) Capaciteit overeenkomstig norm EN14511 en geldt voor een verwarmd waterbereik met dT = 3~8°C at Ta 7°C |

(2) Voorwaarde: Ta DB/NB 7°C/6°C - LWC 35°C (DT = 5°C) |

(3) Het opgenomen vermogen is het totaal van binnen- en buitenunits, met inbegrip van de circulatiepomp; overeenkomstig EN14511 |

(4) Getest bij Ta DB/NB 7°C/6°C. Conform EN 16147 |

(5) DB/WB 7°C/6°C - LWC 35°C (dT=5°C) met pomp aan volledig toerental |

Koelen: EW 23°C; LW 18°C; omgevingsomstandigheden: 35°CDB |

Koelen: EW 128; LW 78; omgevingsomstandigheden: 35°CDB

| Technische specificaties       |                                                |      |     | ETVZ16S18E9W7 +<br>EPRA14DW17         | ETVZ16S23E9W7 +<br>EPRA14DW17         | ETVZ16S18E9W7 +<br>EPRA16DW17         | ETVZ16S23E9W7 +<br>EPRA16DW17         | ETVZ16S18E9W7 +<br>EPRA18DW17         | ETVZ16S23E9W7 +<br>EPRA18DW17         |
|--------------------------------|------------------------------------------------|------|-----|---------------------------------------|---------------------------------------|---------------------------------------|---------------------------------------|---------------------------------------|---------------------------------------|
| Verwarmingscapaciteit          | Min.                                           |      | kW  | 3,70 (1)                              |                                       | 3,96 (1)                              |                                       | 4,40 (1)                              |                                       |
|                                | Nom.                                           |      | kW  | 5,90 (2)                              |                                       |                                       | 9,00 (2)                              |                                       |                                       |
|                                | Max.                                           |      | kW  | 9,75 (1)                              |                                       | 10,44 (1)                             |                                       | 11,60 (1)                             |                                       |
| Opgenomen vermogen             | Verwarmen                                      | Min. | kW  | 0,84 (3)                              |                                       | 0,90 (3)                              |                                       | 1,00 (3)                              |                                       |
|                                |                                                | Nom. | kW  | 1,23 (2)                              |                                       |                                       | 1,80 (2)                              |                                       |                                       |
|                                |                                                | Max. | kW  | 2,17 (3)                              |                                       | 2,32 (3)                              |                                       | 2,58 (3)                              |                                       |
|                                | Sanitair<br>warm water<br>van 10°C tot<br>50°C | Nom. | kWh | 2,57 (4)                              | 2,85 (4)                              | 2,57 (4)                              | 2,85 (4)                              | 2,57 (4)                              | 2,85 (4)                              |
| Heat up time from 10°C to 50°C |                                                |      |     | 1h02min at 7°C<br>ambient temperature | 1h13min at 7°C<br>ambient temperature | 1h02min at 7°C<br>ambient temperature | 1h13min at 7°C<br>ambient temperature | 1h02min at 7°C<br>ambient temperature | 1h13min at 7°C<br>ambient temperature |
| COP                            |                                                |      |     | 4,79 (2)                              |                                       |                                       | 5,00 (2)                              |                                       |                                       |
| Pomp                           |                                                |      |     | Type                                  | Grundfos UPML GEO 25-105 130 PWM      |                                       |                                       |                                       |                                       |

## 2 Specificaties

### 2 - 1 Specificaties

2

| Technische specificaties                       |                                      |                                         |       | ETVZ16S18E9W7 + EPRA14DW17                                                                 |                                                         | ETVZ16S23E9W7 + EPRA14DW17                    |                                                         | ETVZ16S18E9W7 + EPRA16DW17                    |                                                         | ETVZ16S23E9W7 + EPRA16DW17                    |                                                         | ETVZ16S18E9W7 + EPRA18DW17                    |                                                         | ETVZ16S23E9W7 + EPRA18DW17                    |                                                         |
|------------------------------------------------|--------------------------------------|-----------------------------------------|-------|--------------------------------------------------------------------------------------------|---------------------------------------------------------|-----------------------------------------------|---------------------------------------------------------|-----------------------------------------------|---------------------------------------------------------|-----------------------------------------------|---------------------------------------------------------|-----------------------------------------------|---------------------------------------------------------|-----------------------------------------------|---------------------------------------------------------|
| Pump Additional Zone                           | Nominale externe statische druk unit | Verwarmen                               | kPa   | 97,6 (5)                                                                                   |                                                         |                                               |                                                         | 84,1 (5)                                      |                                                         |                                               |                                                         |                                               |                                                         |                                               |                                                         |
| Pump Main Zone                                 | Nominale externe statische druk unit | Verwarmen                               | kPa   | 90,2 (5)                                                                                   |                                                         |                                               |                                                         | 80,0 (5)                                      |                                                         |                                               |                                                         |                                               |                                                         |                                               |                                                         |
| Warmtewisselaar waterzijde                     | Waterhoeveelheid                     | Verwarmen                               | Nom.  | l/min                                                                                      |                                                         |                                               |                                                         | 25,8 (2)                                      |                                                         |                                               |                                                         |                                               |                                                         |                                               |                                                         |
| General                                        | Gegevens van leverancier/fabrikant   | Naam en adres                           |       | Daikin Europe N.V. - Zandvoordestraat 300, 8400 Oostende, Belgium                          |                                                         |                                               |                                                         |                                               |                                                         |                                               |                                                         |                                               |                                                         |                                               |                                                         |
|                                                |                                      | Naam of handelsmerk                     |       | Daikin Europe N.V.                                                                         |                                                         |                                               |                                                         |                                               |                                                         |                                               |                                                         |                                               |                                                         |                                               |                                                         |
|                                                | Product description                  | Lucht/water-warmtepomp                  |       | Ja                                                                                         |                                                         |                                               |                                                         |                                               |                                                         |                                               |                                                         |                                               |                                                         |                                               |                                                         |
|                                                |                                      | Glycol/water-warmtepomp                 |       | Nee                                                                                        |                                                         |                                               |                                                         |                                               |                                                         |                                               |                                                         |                                               |                                                         |                                               |                                                         |
|                                                |                                      | Verwarming combinatie warmtepomp        |       | Ja                                                                                         |                                                         |                                               |                                                         |                                               |                                                         |                                               |                                                         |                                               |                                                         |                                               |                                                         |
|                                                |                                      | Lagetemperatuurswarmtepomp              |       | Nee                                                                                        |                                                         |                                               |                                                         |                                               |                                                         |                                               |                                                         |                                               |                                                         |                                               |                                                         |
|                                                |                                      | Ingebouwde hulpverwarming               |       | Ja                                                                                         |                                                         |                                               |                                                         |                                               |                                                         |                                               |                                                         |                                               |                                                         |                                               |                                                         |
|                                                |                                      | Water/water-warmtepomp                  |       | Nee                                                                                        |                                                         |                                               |                                                         |                                               |                                                         |                                               |                                                         |                                               |                                                         |                                               |                                                         |
| LW(A) geluidsvermogensniveau (volgens EN14825) | Binnen                               | dB(A)                                   | 44,0  |                                                                                            |                                                         |                                               |                                                         |                                               |                                                         |                                               |                                                         |                                               |                                                         |                                               |                                                         |
| LW(A) Sound power level (according to EN14825) | Outdoor                              |                                         | dB(A) | 54,0                                                                                       |                                                         |                                               |                                                         |                                               |                                                         |                                               |                                                         |                                               |                                                         |                                               |                                                         |
| Ecodesign geluidsconditie en energielabel      |                                      |                                         |       | Geluidsvermogen in verwarmingsmodus, gemeten volgens EN12102 onder voorwaarden van EN14825 |                                                         |                                               |                                                         |                                               |                                                         |                                               |                                                         |                                               |                                                         |                                               |                                                         |
| Tank                                           | Naam                                 |                                         |       | Roestvrijstalen sanitaire warmwatertank 180 l                                              | Roestvrijstalen tank voor sanitair warm water van 230 L | Roestvrijstalen sanitaire warmwatertank 180 l | Roestvrijstalen tank voor sanitair warm water van 230 L | Roestvrijstalen sanitaire warmwatertank 180 l | Roestvrijstalen tank voor sanitair warm water van 230 L | Roestvrijstalen sanitaire warmwatertank 180 l | Roestvrijstalen tank voor sanitair warm water van 230 L | Roestvrijstalen sanitaire warmwatertank 180 l | Roestvrijstalen tank voor sanitair warm water van 230 L | Roestvrijstalen sanitaire warmwatertank 180 l | Roestvrijstalen tank voor sanitair warm water van 230 L |
| Algemene verwarming                            | Andere                               | Capacity control                        |       | Inverter                                                                                   |                                                         |                                               |                                                         |                                               |                                                         |                                               |                                                         |                                               |                                                         |                                               |                                                         |
|                                                |                                      | Pck (carterverwarming aan)              |       | 0,000                                                                                      |                                                         |                                               |                                                         |                                               |                                                         |                                               |                                                         |                                               |                                                         |                                               |                                                         |
|                                                |                                      | Poff (uitgeschakelde stand)             |       | 0,031                                                                                      |                                                         |                                               |                                                         |                                               |                                                         |                                               |                                                         |                                               |                                                         |                                               |                                                         |
|                                                |                                      | Psb (in stand-by)                       |       | 0,042                                                                                      |                                                         |                                               |                                                         |                                               |                                                         |                                               |                                                         |                                               |                                                         |                                               |                                                         |
|                                                |                                      | Pto (thermostaat uit)                   |       | 0,033                                                                                      |                                                         |                                               |                                                         |                                               |                                                         |                                               |                                                         |                                               |                                                         |                                               |                                                         |
| Sanitair warm water                            | Algemeen                             | Aangegevens belastingprofiel            |       | L                                                                                          | XL                                                      | L                                             | XL                                                      | L                                             | XL                                                      | L                                             | XL                                                      | L                                             | XL                                                      | L                                             | XL                                                      |
| Algemene verwarming                            | Ingebouwde hulpverwarming            | Psup                                    |       | 9,0                                                                                        |                                                         |                                               |                                                         |                                               |                                                         |                                               |                                                         |                                               |                                                         |                                               |                                                         |
|                                                |                                      | Type stroomvoorziening                  |       | Elektrisch                                                                                 |                                                         |                                               |                                                         |                                               |                                                         |                                               |                                                         |                                               |                                                         |                                               |                                                         |
| Sanitair warm water                            | Gematigd klimaat                     | AEC (jaarlijks stroomverbruik)          |       | kWh                                                                                        |                                                         | 969                                           | 1.572                                                   | 969                                           | 1.572                                                   | 969                                           | 1.572                                                   | 969                                           | 1.572                                                   | 969                                           | 1.572                                                   |
|                                                |                                      | COPdhw                                  |       |                                                                                            |                                                         | 2,51                                          | 2,55                                                    | 2,51                                          | 2,55                                                    | 2,51                                          | 2,55                                                    | 2,51                                          | 2,55                                                    | 2,51                                          | 2,55                                                    |
|                                                |                                      | Heat up time                            |       |                                                                                            |                                                         | 1h 06min                                      | 1h 19min                                                | 1h 06min                                      | 1h 19min                                                | 1h 06min                                      | 1h 19min                                                | 1h 06min                                      | 1h 19min                                                | 1h 06min                                      | 1h 19min                                                |
| Sanitair warm water                            | Gematigd klimaat                     | ηwh (waterverwarmingsrendement)         |       | %                                                                                          |                                                         | 106                                           | 107                                                     | 106                                           | 107                                                     | 106                                           | 107                                                     | 106                                           | 107                                                     | 106                                           | 107                                                     |
|                                                |                                      | Qelec (dagelijks stroomverbruik)        |       | kWh                                                                                        |                                                         | 4,650                                         | 7,480                                                   | 4,650                                         | 7,480                                                   | 4,650                                         | 7,480                                                   | 4,650                                         | 7,480                                                   | 4,650                                         | 7,480                                                   |
|                                                |                                      | Referentietemperatuur warm water        |       | °C                                                                                         |                                                         | 52,5                                          |                                                         |                                               |                                                         |                                               |                                                         |                                               |                                                         |                                               |                                                         |
|                                                |                                      | Stand-by vermogen ingang                |       | W                                                                                          |                                                         | 42,9                                          | 58,5                                                    | 42,9                                          | 58,5                                                    | 42,9                                          | 58,5                                                    | 42,9                                          | 58,5                                                    | 42,9                                          | 58,5                                                    |
|                                                |                                      | Energierendementsklasse waterverwarming |       |                                                                                            |                                                         | A                                             |                                                         |                                               |                                                         |                                               |                                                         |                                               |                                                         |                                               |                                                         |
|                                                | Koud klimaat                         | AEC (jaarlijks stroomverbruik)          |       | kWh                                                                                        |                                                         | 1.124                                         | 1.839                                                   | 1.124                                         | 1.839                                                   | 1.124                                         | 1.839                                                   | 1.124                                         | 1.839                                                   | 1.124                                         | 1.839                                                   |
|                                                |                                      | COPdhw                                  |       |                                                                                            |                                                         | 2,17                                          | 2,19                                                    | 2,17                                          | 2,19                                                    | 2,17                                          | 2,19                                                    | 2,17                                          | 2,19                                                    | 2,17                                          | 2,19                                                    |
|                                                |                                      | Heat up time                            |       |                                                                                            |                                                         | 1h 04min                                      | 1h 16min                                                | 1h 04min                                      | 1h 16min                                                | 1h 04min                                      | 1h 16min                                                | 1h 04min                                      | 1h 16min                                                | 1h 04min                                      | 1h 16min                                                |
|                                                |                                      | ηwh (waterverwarmingsrendement)         |       | %                                                                                          |                                                         | 91                                            |                                                         |                                               |                                                         |                                               |                                                         |                                               |                                                         |                                               |                                                         |
|                                                |                                      | Qelec (dagelijks stroomverbruik)        |       | kWh                                                                                        |                                                         | 5,370                                         | 8,720                                                   | 5,370                                         | 8,720                                                   | 5,370                                         | 8,720                                                   | 5,370                                         | 8,720                                                   | 5,370                                         | 8,720                                                   |
| Warm klimaat                                   |                                      | Referentietemperatuur warm water        |       | °C                                                                                         |                                                         | 52,5                                          |                                                         |                                               |                                                         |                                               |                                                         |                                               |                                                         |                                               |                                                         |
|                                                |                                      | Stand-by vermogen ingang                |       | W                                                                                          |                                                         | 45,0                                          | 63,7                                                    | 45,0                                          | 63,7                                                    | 45,0                                          | 63,7                                                    | 45,0                                          | 63,7                                                    | 45,0                                          | 63,7                                                    |
|                                                |                                      | AEC (jaarlijks stroomverbruik)          |       | kWh                                                                                        |                                                         | 876                                           | 1.413                                                   | 876                                           | 1.413                                                   | 876                                           | 1.413                                                   | 876                                           | 1.413                                                   | 876                                           | 1.413                                                   |
|                                                |                                      | COPdhw                                  |       |                                                                                            |                                                         | 2,76                                          | 2,83                                                    | 2,76                                          | 2,83                                                    | 2,76                                          | 2,83                                                    | 2,76                                          | 2,83                                                    | 2,76                                          | 2,83                                                    |
|                                                |                                      | Heat up time                            |       |                                                                                            |                                                         | 1h 15min                                      | 1h 30min                                                | 1h 15min                                      | 1h 30min                                                | 1h 15min                                      | 1h 30min                                                | 1h 15min                                      | 1h 30min                                                | 1h 15min                                      | 1h 30min                                                |
|                                                |                                      | ηwh (waterverwarmingsrendement)         |       | %                                                                                          |                                                         | 117                                           | 119                                                     | 117                                           | 119                                                     | 117                                           | 119                                                     | 117                                           | 119                                                     | 117                                           | 119                                                     |
|                                                |                                      | Qelec (dagelijks stroomverbruik)        |       | kWh                                                                                        |                                                         | 4,220                                         | 6,740                                                   | 4,220                                         | 6,740                                                   | 4,220                                         | 6,740                                                   | 4,220                                         | 6,740                                                   | 4,220                                         | 6,740                                                   |
|                                                |                                      | Referentietemperatuur warm water        |       | °C                                                                                         |                                                         | 52,5                                          |                                                         |                                               |                                                         |                                               |                                                         |                                               |                                                         |                                               |                                                         |
| Stand-by vermogen ingang                       |                                      | W                                       |       | 41,6                                                                                       | 55,4                                                    | 41,6                                          | 55,4                                                    | 41,6                                          | 55,4                                                    | 41,6                                          | 55,4                                                    | 41,6                                          | 55,4                                                    |                                               |                                                         |

## 2 Specificaties

### 2 - 1 Specificaties

| Technische specificaties |                                             |                                               |                                                       | ETVZ16S18E9W7 +<br>EPRA14DW17 | ETVZ16S23E9W7 +<br>EPRA14DW17 | ETVZ16S18E9W7 +<br>EPRA16DW17 | ETVZ16S23E9W7 +<br>EPRA16DW17 | ETVZ16S18E9W7 +<br>EPRA18DW17 | ETVZ16S23E9W7 +<br>EPRA18DW17 |
|--------------------------|---------------------------------------------|-----------------------------------------------|-------------------------------------------------------|-------------------------------|-------------------------------|-------------------------------|-------------------------------|-------------------------------|-------------------------------|
| Verwarming               | Wateruitlaat<br>gematigd<br>klimaat<br>55°C | Algemeen                                      | Annual energy consumption                             | kWh                           |                               |                               |                               | 7,236                         |                               |
|                          |                                             |                                               | η <sub>s</sub> (seizoensefficiëntie ruimteverwarming) | %                             |                               |                               |                               | 140                           |                               |
|                          |                                             |                                               | Phominaal -10°C                                       | kW                            |                               |                               |                               | 13                            |                               |
|                          |                                             |                                               | Qhe Annual energy consumption (GCV)                   | Gj                            |                               |                               |                               | 26                            |                               |
|                          |                                             |                                               | SCOP                                                  |                               |                               |                               |                               | 3,57                          |                               |
|                          |                                             |                                               | Seizoensefficiëntieklasse verwarming                  |                               |                               |                               |                               | A++                           |                               |
|                          |                                             |                                               | A-conditie Cdh (reductie van verwarming)              |                               |                               |                               |                               | 1,0                           |                               |
|                          |                                             |                                               | (-7°C DB/-8°C NB) COPd                                |                               |                               |                               |                               | 2,43                          |                               |
|                          |                                             |                                               | Pdh                                                   | kW                            |                               |                               |                               | 11,1                          |                               |
|                          |                                             |                                               | PERd                                                  | %                             |                               |                               |                               | 97,2                          |                               |
|                          |                                             |                                               | B-conditie Cdh (reductie van verwarming)              |                               |                               |                               |                               | 1,0                           |                               |
|                          |                                             |                                               | (2°C DB/1°C NB) COPd                                  |                               |                               |                               |                               | 3,52                          |                               |
|                          |                                             |                                               | Pdh                                                   | kW                            |                               |                               |                               | 6,7                           |                               |
|                          |                                             |                                               | PERd                                                  | %                             |                               |                               |                               | 140,8                         |                               |
|                          |                                             |                                               | C-conditie Cdh (reductie van verwarming)              |                               |                               |                               |                               | 1,0                           |                               |
|                          |                                             |                                               | (7°C DB/6°C NB) COPd                                  |                               |                               |                               |                               | 4,54                          |                               |
|                          |                                             |                                               | Pdh                                                   | kW                            |                               |                               |                               | 6,5                           |                               |
|                          |                                             |                                               | PERd                                                  | %                             |                               |                               |                               | 181,6                         |                               |
|                          |                                             |                                               | D-conditie Cdh (reductie van verwarming)              |                               |                               |                               |                               | 1,0                           |                               |
|                          |                                             |                                               | (12°C DB/11°C NB) COPd                                |                               |                               |                               |                               | 5,97                          |                               |
| Verwarming               | Wateruitlaat<br>gematigd<br>klimaat<br>55°C | D-conditie (12°C DB/11°C NB)                  | Pdh                                                   | kW                            |                               |                               |                               | 5,2                           |                               |
|                          |                                             |                                               | PERd                                                  | %                             |                               |                               |                               | 238,8                         |                               |
|                          |                                             | TOL (bedrijfstemperatuur)                     | COPd                                                  |                               |                               |                               |                               | 2,12                          |                               |
|                          |                                             |                                               | Pdh                                                   | kW                            |                               |                               |                               | 12,5                          |                               |
|                          |                                             |                                               | PERd                                                  | %                             |                               |                               |                               | 84,8                          |                               |
|                          |                                             |                                               | TOL                                                   | °C                            |                               |                               |                               | -10                           |                               |
|                          |                                             | Extra capaciteit nominaal verwarmingsvermogen | WTOL                                                  | °C                            |                               |                               |                               | 55                            |                               |
|                          |                                             |                                               | Psup (bij Tontwerp -10°C)                             | kW                            |                               |                               |                               | 0,0                           |                               |
|                          |                                             |                                               | Tbiv                                                  |                               |                               |                               |                               |                               |                               |
|                          |                                             |                                               | COPd                                                  |                               |                               |                               |                               | 2,12                          |                               |
|                          |                                             | (bivalente temperatuur)                       | Pdh                                                   | kW                            |                               |                               |                               | 12,5                          |                               |
|                          |                                             |                                               | PERd                                                  | %                             |                               |                               |                               | 84,8                          |                               |
|                          |                                             |                                               | Tbiv                                                  | °C                            |                               |                               |                               | -10                           |                               |
|                          |                                             |                                               | WTOL                                                  | °C                            |                               |                               |                               | 55                            |                               |
|                          |                                             | Wateruitlaat koud klimaat 55°C                | Annual energy consumption                             | kWh                           |                               |                               |                               | 9,658                         |                               |
|                          |                                             |                                               | η <sub>s</sub> (seizoensefficiëntie ruimteverwarming) | %                             |                               |                               |                               | 125                           |                               |
|                          |                                             |                                               | Phominaal -22°C                                       | kW                            |                               |                               |                               | 13                            |                               |
|                          |                                             |                                               | Qhe Annual energy consumption (GCV)                   | Gj                            |                               |                               |                               | 35                            |                               |
|                          |                                             | A-conditie (-7°C DB/-8°C NB)                  | Cdh (reductie van verwarming)                         |                               |                               |                               |                               | 1,0                           |                               |
|                          |                                             |                                               | COPd                                                  |                               |                               |                               |                               | 2,74                          |                               |
|                          |                                             |                                               | Pdh                                                   | kW                            |                               |                               |                               | 7,5                           |                               |
|                          |                                             |                                               | PERd                                                  | %                             |                               |                               |                               | 109,6                         |                               |
|                          |                                             | B-conditie (2°C DB/1°C NB)                    | Cdh (reductie van verwarming)                         |                               |                               |                               |                               | 1,0                           |                               |
|                          |                                             |                                               | COPd                                                  |                               |                               |                               |                               | 3,67                          |                               |
|                          |                                             |                                               | Pdh                                                   | kW                            |                               |                               |                               | 5,8                           |                               |
|                          |                                             |                                               | PERd                                                  | %                             |                               |                               |                               | 146,8                         |                               |
|                          |                                             | C-conditie (7°C DB/6°C NB)                    | Cdh (reductie van verwarming)                         |                               |                               |                               |                               | 1,0                           |                               |
|                          |                                             |                                               | COPd                                                  |                               |                               |                               |                               | 4,69                          |                               |
|                          |                                             |                                               | Pdh                                                   | kW                            |                               |                               |                               | 5,6                           |                               |
|                          |                                             |                                               | PERd                                                  | %                             |                               |                               |                               | 187,6                         |                               |
|                          |                                             | D-conditie (12°C DB/11°C NB)                  | COPd                                                  |                               |                               |                               |                               | 6,12                          |                               |
|                          |                                             |                                               | Pdh                                                   | kW                            |                               |                               |                               | 6,2                           |                               |
|                          |                                             |                                               | PERd                                                  | %                             |                               |                               |                               | 244,8                         |                               |
|                          |                                             |                                               | TOL (bedrijfstemperatuur)                             | °C                            |                               |                               |                               | -22                           |                               |

## 2 Specificaties

### 2 - 1 Specificaties

| Technische specificaties |                                    |                                               |                                           | ETVZ16S18E9W7 + EPRA14DW17 | ETVZ16S23E9W7 + EPRA14DW17 | ETVZ16S18E9W7 + EPRA16DW17 | ETVZ16S23E9W7 + EPRA16DW17 | ETVZ16S18E9W7 + EPRA18DW17 | ETVZ16S23E9W7 + EPRA18DW17 |
|--------------------------|------------------------------------|-----------------------------------------------|-------------------------------------------|----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|
| Verwarming               | Wateruitlaat koud klimaat 55°C     | TOL (bedrijfstemperatuur)                     | WTOL °C                                   |                            |                            |                            |                            | 55                         |                            |
|                          |                                    | G-conditie (-15°C DB/-)                       | COPd                                      |                            |                            |                            |                            | 2,17                       |                            |
|                          |                                    |                                               | Pdh kW                                    |                            |                            |                            |                            | 10,3                       |                            |
|                          |                                    |                                               | PERd %                                    |                            |                            |                            |                            | 86,8                       |                            |
|                          |                                    | Tbiv (bivalente temperatuur)                  | COPd                                      |                            |                            |                            |                            | 1,90                       |                            |
|                          |                                    |                                               | Pdh kW                                    |                            |                            |                            |                            | 11,0                       |                            |
|                          |                                    |                                               | PERd %                                    |                            |                            |                            |                            | 76,0                       |                            |
|                          |                                    |                                               | Tbiv °C                                   |                            |                            |                            |                            | -18                        |                            |
|                          |                                    | Extra capaciteit nominaal verwarmingsvermogen | Psup (bij Tontwerp ~22°C)                 |                            |                            |                            |                            | 1,9                        |                            |
|                          | Wateruitlaat warm klimaat 55°C     | Algemeen                                      | Annual energy consumption                 |                            |                            |                            |                            | 4.453                      |                            |
|                          |                                    |                                               | ηs (seizoensefficiëntie ruimteverwarming) |                            |                            |                            |                            | 166                        |                            |
|                          |                                    |                                               | Pnominaal 2°C kW                          |                            |                            |                            |                            | 14                         |                            |
|                          |                                    |                                               | Qhe Annual energy consumption (GCV)       |                            |                            |                            |                            | 16                         |                            |
|                          |                                    | B-conditie (2°C DB/1°C NB)                    | Cdh (reductie van verwarming)             |                            |                            |                            |                            | 1,0                        |                            |
|                          |                                    |                                               | COPd                                      |                            |                            |                            |                            | 2,62                       |                            |
|                          |                                    |                                               | Pdh kW                                    |                            |                            |                            |                            | 11,4                       |                            |
|                          |                                    |                                               | PERd %                                    |                            |                            |                            |                            | 104,8                      |                            |
|                          |                                    | C-conditie (7°C DB/6°C NB)                    | Cdh (reductie van verwarming)             |                            |                            |                            |                            | 1,0                        |                            |
|                          |                                    |                                               | COPd                                      |                            |                            |                            |                            | 3,78                       |                            |
|                          | Wateruitlaat H-voorwaarde (-2°C)   |                                               | Pdh kW                                    |                            |                            |                            |                            | 9,0                        |                            |
|                          |                                    |                                               | PERd %                                    |                            |                            |                            |                            | 151,2                      |                            |
|                          |                                    | D-conditie (12°C DB/11°C NB)                  | Cdh (reductie van verwarming)             |                            |                            |                            |                            | 1,0                        |                            |
|                          |                                    |                                               | COPd                                      |                            |                            |                            |                            | 5,63                       |                            |
|                          |                                    |                                               | Pdh kW                                    |                            |                            |                            |                            | 5,9                        |                            |
|                          |                                    |                                               | PERd %                                    |                            |                            |                            |                            | 225,2                      |                            |
|                          |                                    | Tbiv (bivalente temperatuur)                  | COPd                                      |                            |                            |                            |                            | 3,43                       |                            |
|                          |                                    |                                               | Pdh kW                                    |                            |                            |                            |                            | 11,1                       |                            |
|                          |                                    |                                               | PERd %                                    |                            |                            |                            |                            | 137,2                      |                            |
|                          |                                    |                                               | Tbiv °C                                   |                            |                            |                            |                            | 5                          |                            |
|                          | Wateruitlaat gematigd klimaat 35°C | Max.                                          | kW                                        | 11,1                       |                            |                            | 11,8                       |                            |                            |
|                          |                                    | Algemeen                                      | Annual energy consumption                 |                            |                            |                            |                            | 5.479                      |                            |
|                          |                                    |                                               | ηs (seizoensefficiëntie ruimteverwarming) |                            |                            |                            |                            | 186                        |                            |
|                          |                                    |                                               | Pnominaal -10°C kW                        |                            |                            |                            |                            | 13                         |                            |
|                          |                                    |                                               | Qhe Annual energy consumption (GCV)       |                            |                            |                            |                            | 20                         |                            |
|                          |                                    |                                               | SCOP                                      |                            |                            |                            |                            | 4,71                       |                            |
|                          |                                    |                                               | Seizoensefficiëntieklasse verwarming      |                            |                            |                            |                            | A+++                       |                            |
|                          |                                    | A-conditie (-7°C DB/-8°C NB)                  | COPd                                      |                            |                            |                            |                            | 2,97                       |                            |

## 2 Specificaties

### 2 - 1 Specificaties

| Technische specificaties |            |                                             |                                               | ETVZ16S18E9W7 + EPRA14DW17    | ETVZ16S23E9W7 + EPRA14DW17                | ETVZ16S18E9W7 + EPRA16DW17 | ETVZ16S23E9W7 + EPRA16DW17 | ETVZ16S18E9W7 + EPRA18DW17 | ETVZ16S23E9W7 + EPRA18DW17 |
|--------------------------|------------|---------------------------------------------|-----------------------------------------------|-------------------------------|-------------------------------------------|----------------------------|----------------------------|----------------------------|----------------------------|
|                          | Verwarming | Wateruitlaat<br>gematigd<br>klimaat<br>35°C | A-conditie                                    | Pdh                           | kW                                        |                            |                            |                            | 10,7                       |
|                          |            |                                             | (-7°C DB/-8°C NB)                             | PERd                          | %                                         |                            |                            |                            | 118,8                      |
|                          |            |                                             | B-conditie<br>(2°C DB/1°C NB)                 | Cdh (reductie van verwarming) |                                           |                            |                            |                            | 1,0                        |
|                          |            |                                             |                                               | COPd                          |                                           |                            |                            |                            | 4,94                       |
|                          |            |                                             |                                               | Pdh                           | kW                                        |                            |                            |                            | 6,9                        |
|                          |            |                                             |                                               | PERd                          | %                                         |                            |                            |                            | 197,6                      |
|                          |            |                                             | C-conditie<br>(7°C DB/6°C NB)                 | Cdh (reductie van verwarming) |                                           |                            |                            |                            | 1,0                        |
|                          |            |                                             |                                               | COPd                          |                                           |                            |                            |                            | 5,95                       |
|                          |            |                                             |                                               | Pdh                           | kW                                        |                            |                            |                            | 6,2                        |
|                          |            |                                             |                                               | PERd                          | %                                         |                            |                            |                            | 238,0                      |
|                          |            |                                             | D-conditie<br>(12°C DB/11°C NB)               | Cdh (reductie van verwarming) |                                           |                            |                            |                            | 1,0                        |
|                          |            |                                             |                                               | COPd                          |                                           |                            |                            |                            | 7,07                       |
|                          |            |                                             |                                               | Pdh                           | kW                                        |                            |                            |                            | 5,6                        |
|                          |            |                                             |                                               | PERd                          | %                                         |                            |                            |                            | 282,8                      |
|                          |            |                                             | TOL (bedrijf-tempera-tuur)                    | COPd                          |                                           |                            |                            |                            | 2,88                       |
|                          |            |                                             |                                               | Pdh                           | kW                                        |                            |                            |                            | 12,1                       |
|                          |            |                                             |                                               | PERd                          | %                                         |                            |                            |                            | 115,2                      |
|                          |            |                                             |                                               | TOL                           | °C                                        |                            |                            |                            | -10                        |
|                          |            |                                             |                                               | WTOL                          | °C                                        |                            |                            |                            | 35                         |
|                          |            |                                             | Tbiv (bivalente tempera-tuur)                 | COPd                          |                                           |                            |                            |                            | 2,97                       |
|                          |            |                                             |                                               | Pdh                           | kW                                        |                            |                            |                            | 10,7                       |
|                          |            |                                             |                                               | PERd                          | %                                         |                            |                            |                            | 118,8                      |
|                          |            |                                             |                                               | Tbiv                          | °C                                        |                            |                            |                            | -7                         |
|                          |            |                                             | Extra capaciteit nominaal verwarmingsvermogen | Psup (bij Tontwerp -10°C)     | kW                                        |                            |                            |                            | 0,4                        |
|                          |            |                                             | Wateruitlaat<br>koud klimaat<br>35°C          | Algemeen                      | Annual energy consumption                 | kWh                        |                            |                            | 7.445                      |
|                          |            |                                             |                                               |                               | ηs (seizoensefficiëntie ruimteverwarming) | %                          |                            |                            | 163                        |
|                          |            |                                             |                                               |                               | Pnominaal -22°C                           | kW                         |                            |                            | 13                         |
|                          |            |                                             |                                               |                               | Qhe jaarl. energieverbruik (GCV)          | Gj                         |                            |                            | 27                         |
|                          |            |                                             |                                               | A Condition (-7°C DB/-8°C WB) | COPd                                      |                            |                            |                            | 3,50                       |
|                          |            |                                             |                                               |                               | Pdh                                       | kW                         |                            |                            | 8,0                        |
|                          |            |                                             |                                               |                               | PERd                                      | %                          |                            |                            | 140,0                      |
|                          |            |                                             |                                               | B Condition (2°C DB/1°C WB)   | Cdh (reductie van verwarming)             |                            |                            |                            | 1,0                        |
|                          |            |                                             |                                               |                               | COPd                                      |                            |                            |                            | 5,07                       |
|                          |            |                                             |                                               |                               | Pdh                                       | kW                         |                            |                            | 4,9                        |
|                          |            |                                             |                                               |                               | PERd                                      | %                          |                            |                            | 202,8                      |
|                          |            |                                             |                                               | C-conditie (7°C DB/6°C NB)    | Cdh (reductie van verwarming)             |                            |                            |                            | 1,0                        |
|                          |            |                                             |                                               |                               | COPd                                      |                            |                            |                            | 6,10                       |

## 2 Specificaties

### 2 - 1 Specificaties

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| Technische specificaties |                                |                              |                                           | ETVZ16S18E9W7 + EPRA14DW17 | ETVZ16S23E9W7 + EPRA14DW17 | ETVZ16S18E9W7 + EPRA16DW17 | ETVZ16S23E9W7 + EPRA16DW17 | ETVZ16S18E9W7 + EPRA18DW17 | ETVZ16S23E9W7 + EPRA18DW17 |
|--------------------------|--------------------------------|------------------------------|-------------------------------------------|----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|
| Verwarming               | Wateruitlaat koud klimaat 35°C | C-conditie (7°C DB/6°C NB)   | Pdh                                       | kW                         |                            |                            |                            | 5,3                        |                            |
|                          |                                |                              | PERd                                      | %                          |                            |                            |                            | 244,0                      |                            |
|                          |                                |                              | Cdh (reductie van verwarming)             |                            |                            |                            |                            | 1,0                        |                            |
|                          |                                | D-conditie (12°C DB/11°C NB) | COPd                                      |                            |                            |                            |                            | 7,03                       |                            |
|                          |                                |                              | Pdh                                       | kW                         |                            |                            |                            | 5,7                        |                            |
|                          |                                |                              | PERd                                      | %                          |                            |                            |                            | 281,2                      |                            |
|                          |                                | TOL (bedrijfstemperatuur)    | COPd                                      |                            |                            |                            |                            | 2,17                       |                            |
|                          |                                |                              | Pdh                                       | kW                         |                            |                            |                            | 9,2                        |                            |
|                          |                                |                              | PERd                                      | %                          |                            |                            |                            | 86,8                       |                            |
|                          |                                | G-conditie (-15°C DB/-)      | TOL                                       | °C                         |                            |                            |                            | -22                        |                            |
|                          |                                |                              | WTOL                                      | °C                         |                            |                            |                            | 35                         |                            |
|                          |                                |                              | COPd                                      |                            |                            |                            |                            | 2,62                       |                            |
|                          |                                | Tbiv (bivalente temperatuur) | Pdh                                       | kW                         |                            |                            |                            | 10,7                       |                            |
|                          |                                |                              | PERd                                      | %                          |                            |                            |                            | 104,8                      |                            |
|                          |                                |                              | Tbiv                                      | °C                         |                            |                            |                            | -15                        |                            |
|                          | Wateruitlaat warm klimaat 35°C | Algemeen                     | Psup (bij Tontwerp -22°C)                 | kW                         |                            |                            |                            | 3,3                        |                            |
|                          |                                |                              | Annual energy consumption                 | kWh                        |                            |                            |                            | 2.992                      |                            |
|                          |                                |                              | ηs (seizoensefficiëntie ruimteverwarming) | %                          |                            |                            |                            | 220                        |                            |
|                          |                                | B-conditie (2°C DB/1°C NB)   | Phominaal 2°C                             | kW                         |                            |                            |                            | 13                         |                            |
|                          |                                |                              | Qhe Annual energy consumption (GCV)       | Gj                         |                            |                            |                            | 11                         |                            |
|                          |                                |                              | Cdh (reductie van verwarming)             |                            |                            |                            |                            | 1,0                        |                            |
|                          |                                | C-conditie (7°C DB/6°C NB)   | COPd                                      |                            |                            |                            |                            | 3,51                       |                            |
|                          |                                |                              | Pdh                                       | kW                         |                            |                            |                            | 10,0                       |                            |
|                          |                                |                              | PERd                                      | %                          |                            |                            |                            | 140,4                      |                            |
|                          |                                | Tbiv (bivalente temperatuur) | Cdh (reductie van verwarming)             |                            |                            |                            |                            | 1,0                        |                            |
|                          |                                |                              | COPd                                      |                            |                            |                            |                            | 5,67                       |                            |
|                          |                                |                              | Pdh                                       | kW                         |                            |                            |                            | 8,3                        |                            |
|                          |                                | D-conditie (12°C DB/11°C NB) | PERd                                      | %                          |                            |                            |                            | 226,8                      |                            |
|                          |                                |                              | COPd                                      |                            |                            |                            |                            | 4,96                       |                            |
|                          |                                |                              | Pdh                                       | kW                         |                            |                            |                            | 9,8                        |                            |
| Verwarming               | Wateruitlaat warm klimaat 35°C | D-conditie (12°C DB/11°C NB) | PERd                                      | %                          |                            |                            |                            | 198,4                      |                            |
|                          |                                |                              | Tbiv                                      | °C                         |                            |                            |                            | 5                          |                            |
|                          |                                |                              | Cdh (reductie van verwarming)             |                            |                            |                            |                            | 1,0                        |                            |
|                          |                                |                              | COPd                                      |                            |                            |                            |                            | 7,04                       |                            |
|                          |                                |                              | Pdh                                       | kW                         |                            |                            |                            | 5,7                        |                            |
|                          |                                |                              | PERd                                      | %                          |                            |                            |                            | 281,6                      |                            |

(1)Capaciteit overeenkomstig norm EN14511 en geldt voor een verwarmd waterbereik met dT = 3~8°C at Ta 7°C |

(2)Voorwaarde: Ta DB/NB 7°C/6°C - LWC 35°C (DT = 5°C) |

(3)Het opgenomen vermogen is het totaal van binnen- en buitenunits, met inbegrip van de circulatiepomp; overeenkomstig EN14511 |

(4)Getest bij Ta DB/NB 7°C/6°C. Conform EN 16147. |

(5)DB/WB 7°C/6°C - LWC 35°C (dT=5°C) met pomp aan volledig toerental |

Koelen: EW 23°C; LW 18°C; omgevingsomstandigheden: 35°CDB |

Koelen: EW 128; LW 78; omgevingsomstandigheden: 35°CDB

| Technical Specifications |               |         |    | EPRA14DW17 | EPRA16DW17                                  | EPRA18DW17 |
|--------------------------|---------------|---------|----|------------|---------------------------------------------|------------|
| Behuizing                | Colour        |         |    |            | Zilver / Zwart                              |            |
|                          | Materiaal     |         |    |            | Gegalvaniseerde staalplaat met polyesterlak |            |
| Afmetingen               | Unit          | Hoogte  | mm |            | 1.003                                       |            |
|                          |               | Breedte | mm |            | 1.270                                       |            |
|                          |               | Diepte  | mm |            | 533                                         |            |
|                          | Verpakte unit | Hoogte  | mm |            | 1.340                                       |            |
|                          |               | Breedte | mm |            | 1.440                                       |            |
|                          |               | Diepte  | mm |            | 690                                         |            |
| Gewicht                  | Unit          |         | kg |            | 150                                         |            |
|                          | Verpakte unit |         | kg |            | 175                                         |            |
| Packing                  | Materiaal     |         |    |            | Karton_ / Hout (pallet) / PE (banden)       |            |

## 2 Specificaties

### 2 - 1 Specificaties

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| Technical Specifications            |                                       |                   |                | EPRA14DW17          | EPRA16DW17                                    | EPRA18DW17 |
|-------------------------------------|---------------------------------------|-------------------|----------------|---------------------|-----------------------------------------------|------------|
| Warmtewisselaar                     | Lengte                                |                   | mm             |                     | 1.200                                         |            |
|                                     | Rijen                                 | Aantal            |                |                     | 3                                             |            |
|                                     | Lamelafstand                          |                   | mm             |                     | 2,20                                          |            |
|                                     | Doorlaten                             | Aantal            |                |                     | 10                                            |            |
|                                     | Oppervlakte                           |                   | m <sup>2</sup> |                     | 119                                           |            |
|                                     | Fasen                                 | Aantal            |                |                     | 44                                            |            |
|                                     | Buistype                              |                   |                |                     | ø7 Hi-XSL                                     |            |
|                                     | Lamel                                 | Type              |                |                     | WF lamel                                      |            |
| Ventilator                          |                                       | Coating           |                |                     | Corrosiebehandeling (PE)                      |            |
|                                     | Type                                  |                   |                |                     | Schroefventilator                             |            |
|                                     | Aantal                                |                   |                |                     | 1                                             |            |
|                                     | Luchthoe-<br>veelheid                 | Verwarmen         | Nom.           | m <sup>3</sup> /min | 66,0                                          |            |
|                                     |                                       | Koelen            | Nom.           | m <sup>3</sup> /min | 106                                           |            |
| Ventilatormotor                     | Uitblaasrichting                      |                   |                |                     | Horizontaal                                   |            |
|                                     | Aantal                                |                   |                |                     | 1                                             |            |
|                                     | Model                                 |                   |                |                     | Borstelloze DC-motor                          |            |
|                                     | Output                                |                   | W              |                     | 210                                           |            |
|                                     | Aandrijving                           |                   |                |                     | Directe aandrijving                           |            |
|                                     | Snelheid                              | Stappen           |                |                     | 12                                            |            |
|                                     |                                       | Verwarmen         | Nom.           | rpm                 | 470                                           | 475        |
| Compressor                          |                                       | Koelen            | Nom.           | rpm                 | 750                                           |            |
|                                     | Aantal                                |                   |                |                     | 1                                             |            |
|                                     | Model                                 |                   |                |                     | JT9KJDMYR@BP                                  |            |
|                                     | Type                                  |                   |                |                     | Hermetisch gesloten scrollcompressor          |            |
|                                     | Starting method                       |                   |                |                     | Invertergestuurd                              |            |
| PED (richtlijn drukappa-<br>ratuur) | Categorie                             |                   |                |                     | Category III                                  |            |
| Werkingsbereik                      | Verwarmen                             | Min.              | °CDB           |                     | -28,0                                         |            |
|                                     |                                       | Max.              | °CDB           |                     | 35                                            |            |
|                                     | Koelen                                | Min.              | °CDB           |                     | 10                                            |            |
|                                     |                                       | Max.              | °CDB           |                     | 43                                            |            |
|                                     | Warmtap-<br>water                     | Max.              | °CDB           |                     | 35                                            |            |
|                                     |                                       | Min.              | °CDB           |                     | -28                                           |            |
| PED (richtlijn drukappa-<br>ratuur) | Meest<br>kritieke<br>onderdeel        | Naam              |                |                     | Compressor                                    |            |
|                                     |                                       | Ps*V              | Bar*l          |                     | 213                                           |            |
|                                     |                                       |                   |                |                     |                                               |            |
| Leidingaansluitingen                | Diameter waterintrede warmtewisselaar |                   | inch           |                     | G1" (mannelijk)                               |            |
|                                     | Diameter wateruitrede warmtewisselaar |                   | inch           |                     | G1" (mannelijk)                               |            |
| Geluidsvermogeniveau                | Verwarmen                             | Nom.              | dBA            | 56,0 (1)            |                                               | 59,0 (1)   |
|                                     | Koelen                                | Nom.              | dBA            |                     | 65,0 (2)                                      |            |
| Geluidsdruk niveau op 1 m           | Verwarmen                             | Nom.              | dBA            | 43,0 (3)            |                                               | 48,0 (3)   |
|                                     | Koelen                                | Nom.              | dBA            |                     | 52,0 (4)                                      |            |
|                                     | Fluisterstille<br>nachtstand          | Verwarmen         | dBA            |                     | 42,0 (3)                                      |            |
|                                     |                                       | Koelen            | dBA            |                     | 44,0 (4)                                      |            |
| Refrigerant                         | Type                                  |                   |                |                     | R-32                                          |            |
|                                     | GWP                                   |                   |                |                     | 675,0                                         |            |
|                                     | Charge                                |                   | kg             |                     | 4,20                                          |            |
|                                     | Regeling                              |                   |                |                     | Expansieklep                                  |            |
|                                     | Circuits                              | Aantal            |                |                     | 1                                             |            |
| Koelolie                            | Type                                  |                   |                |                     | FW68DE                                        |            |
|                                     | Vulvolume                             |                   | l              |                     | 1,85                                          |            |
| Leidingaansluitingen                | Leidingleng-<br>te                    | Max.              | m              |                     | 50                                            |            |
|                                     | Hogedruk-<br>zijde                    | Ontwerpdruk       | bar            |                     | 56                                            |            |
|                                     | Hoogtever-<br>schil                   | Max.              | m              |                     | 10,0                                          |            |
|                                     | Watercircuit                          | Filter kogelkraan |                |                     | Ja                                            |            |
|                                     |                                       |                   |                |                     |                                               |            |
| Defrost method                      |                                       |                   |                |                     | Omgekeerde cyclus                             |            |
| Ontdooiregeling                     |                                       |                   |                |                     | Sensor voor buitentemperatuur warmtewisselaar |            |
| Capaciteitsregeling                 | Methode                               |                   |                |                     | Invertergestuurd                              |            |
| Veiligheidsvoorzieningen            | Onderdeel                             | 01                |                |                     | Hogedrukschakelaar                            |            |
|                                     |                                       | 02                |                |                     | Lagedrukschakelaar                            |            |
|                                     |                                       | 03                |                |                     | Zekering                                      |            |
|                                     |                                       | 04                |                |                     | Bescherming van compressormotor               |            |
|                                     |                                       | 05                |                |                     | Overdrukventiel                               |            |

## 2 Specificaties

### 2 - 1 Specificaties

| Electrical Specifications |                                  |           |      | EPRA14DW17                                  | EPRA16DW17 | EPRA18DW17 |
|---------------------------|----------------------------------|-----------|------|---------------------------------------------|------------|------------|
| Spanningsvorm             | Naam                             |           |      | W1                                          |            |            |
|                           | Phase                            |           |      | 3~                                          |            |            |
|                           | Frequentie                       | Hz        |      | 50                                          |            |            |
|                           | Spanning                         | V         |      | 400                                         |            |            |
|                           | Spannings-<br>bereik             | Min.      | %    | -10                                         |            |            |
|                           |                                  | cos phi   | Nom. | 0,67                                        |            |            |
|                           |                                  |           | Max. | 0,93                                        |            |            |
| Stroom                    |                                  | Max.      | %    | 10                                          |            |            |
|                           | Minimale Ssc-waarde              | kVa       |      | Equipment complying with EN / IEC 61000-3-2 |            |            |
|                           | Afzekerwaarde                    | A         |      | 16                                          |            |            |
|                           | Modulatie<br>omvormer            | Min.      | %    | 40 (5)                                      | 39 (5)     | 37 (5)     |
| Kabelaansluitingen        | Voor elektrische aansluiting     | Opmerking |      | Zie installatiehandleiding van binnendeel   |            |            |
|                           | Voor aan-sluiting aan binnendeel | Opmerking |      | Zie installatiehandleiding van binnendeel   |            |            |

(1) Koelen Ta 35°C - LWE 18°C (DT = 5°C) - Verwarmen Ta DB/WB 7°C/6°C - LWC 35°C (DT = 5°C) |

(2) Toestand 2: koelen Ta 35°C - LWE 7°C (DT = 5°C); verwarmen Ta DB/NB 7°C/6°C - LWC 45°C (DT = 5°C) |

(3) Het geluidsdrukkniveau wordt gemeten met een microfoon op een bepaalde afstand van de unit. Het is een relatieve waarde die afhangt van de afstand en de akoestische omgeving. Raadpleeg de tekening met geluidsspectrum-gegevens voor meer informatie. Omstandigheid: Ta DB/NB 7°C/6°C - LWC 35°C (DT=5°C) |

(4) Het geluidsdrukkniveau wordt gemeten met een microfoon op een bepaalde afstand van de unit. Het is een relatieve waarde die afhangt van de afstand en de akoestische omgeving. Raadpleeg de tekening met geluidsspectrum-gegevens voor meer informatie. Omstandigheid: Ta 35°C - LWE 7°C (DT = 5°C) |

(5) Percentage van verwarmingscapaciteit aan Ta DB/NB 7°C/6°C - LWC 35°C (DT = 5°C)



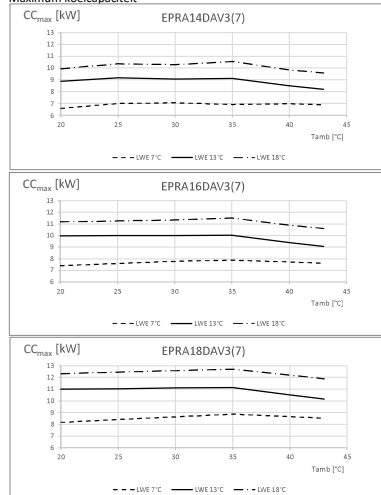
# 3 Vermogenstabellen

## 3 - 1 Vermogenstabellen voor koeling

### EPRA14-18DV7

### EPRA14-18DW7

Maximum koelcapaciteit



#### Symbolen

$CC_{max}$  Koelcapaciteit bij maximum werkfrequentie, gemeten volgens EN 14511.  
 LWE Aanvoertemperatuur uit verdampers [°C]  
 Tamb Omgevingstemperatuur [°C DB]

#### Voorwaarden

##### Koelcapaciteit

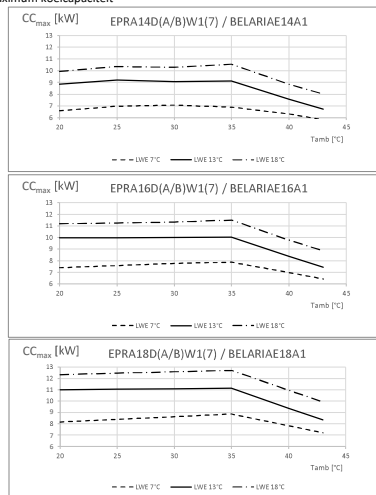
Capaciteit volgens norm EN 14511 en geldig voor gekoeldwatergebied  $\Delta T = 3 \sim 8^\circ\text{C}$ .

##### Opmerkingen

De capaciteit en het benodigd vermogen gelden voor V3 modellen op 230V en voor W1 modellen op 400V.

De capaciteit en het opgenomen vermogen gelden voor maximumbedrijf.

Maximum koelcapaciteit



#### Symbolen

$CC_{max}$  Koelcapaciteit bij maximum werkfrequentie, gemeten volgens EN 14511.  
 LWE Aanvoertemperatuur uit verdampers [°C]  
 Tamb Omgevingstemperatuur [°C DB]

#### Voorwaarden

##### Koelcapaciteit

Capaciteit volgens norm EN 14511 en geldig voor gekoeldwatergebied  $\Delta T = 3 \sim 8^\circ\text{C}$ .

##### Opmerkingen

De capaciteit en het benodigd vermogen gelden voor V3 modellen op 230V en voor W1 modellen op 400V.

De capaciteit en het opgenomen vermogen gelden voor maximumbedrijf.

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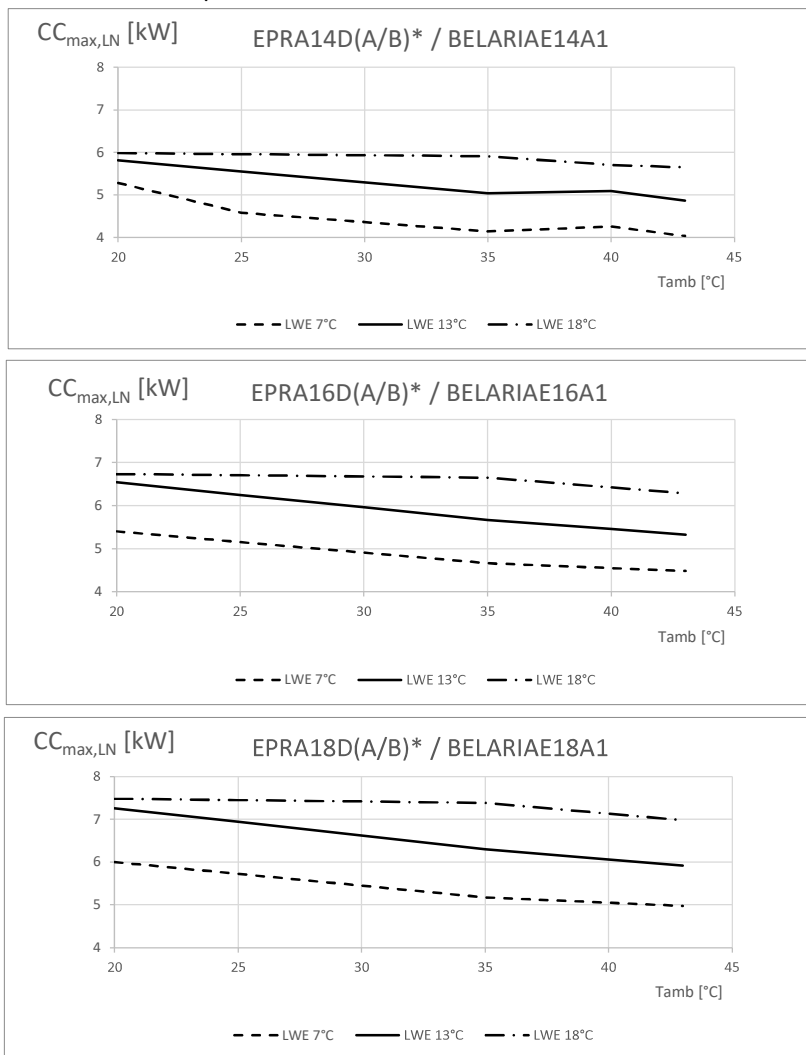
### 3 Vermogenstabellen

#### 3 - 1 Vermogenstabellen voor koeling

3

EPRA14-18DV7  
EPRA14-18DW7

Maximum koelcapaciteit



#### Symbolen

$CC_{max, LN}$  Koelcapaciteit bij maximum werkfrequentie, gemeten volgens EN 14511.

LWE Aanvoerwatertemperatuur uit verdamper [°C]

Tamb Omgevingstemperatuur [°C DB]

#### Voorwaarden

##### Koelcapaciteit

Capaciteit volgens norm EN 14511 en geldt voor gekoeldwatergebied  $\Delta T = 3 \sim 8^\circ\text{C}$ .

#### Opmerkingen

De capaciteit en het benodigd vermogen gelden voor V3 modellen op 230V en voor W1 modellen op 400V.

Volle belasting (maximum toerental/s ventilator en maximum toerental/s compressor voor de toegewezen stand voor stille werking)

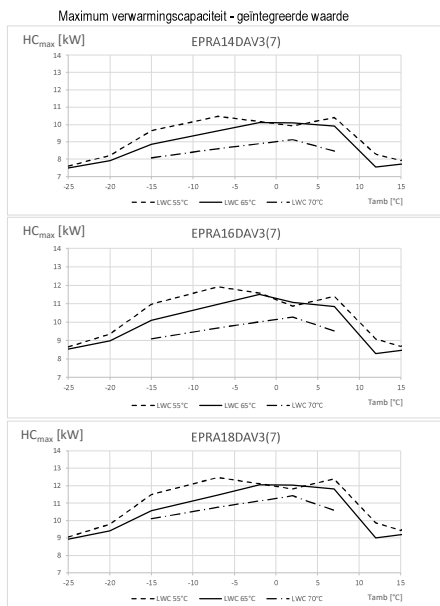
Geluidsarm niveau 2

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# 3 Vermogenstabellen

## 3 - 2 Vermogenstabellen voor verwarming

### EPRA14-18DV7 / EPRA14-18DW7

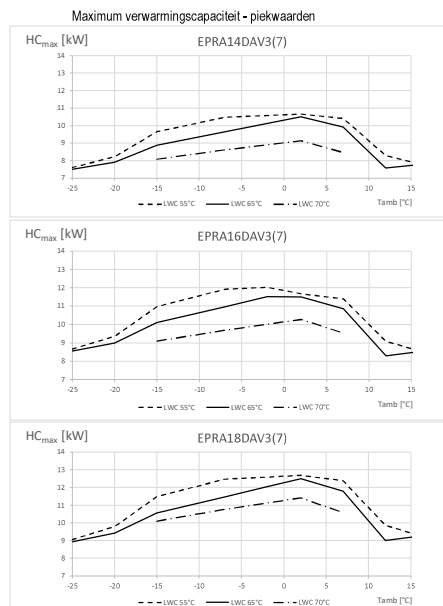


#### Symbolen

HC<sub>max</sub> Verwarmingscapaciteit voor maximum belasting, gemeten volgens EN 14511

LWC Aanvoertemperatuur uit condensator [°C]

Tamb Omgevingstemperatuur [°C DB]



#### Voorwaarden

##### Verwarmingscapaciteit

Capaciteit volgens norm EN 14511 en geldig voor verwarmdwatergebied  $\Delta T = 3 \sim 8^\circ\text{C}$ .

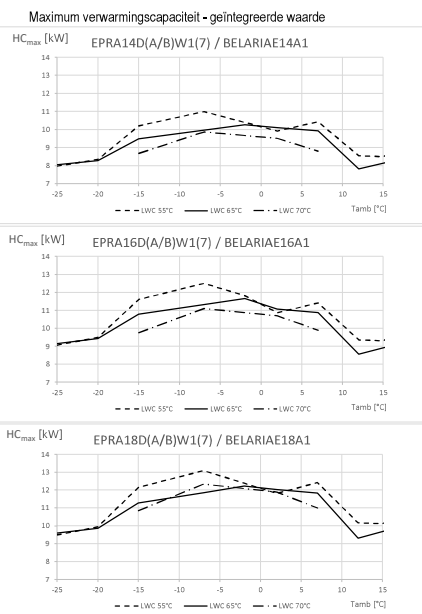
#### Opmerkingen

De capaciteit en het benodigd vermogen gelden voor V3 modellen op 230V en voor W1 modellen op 400V.

De capaciteit en het opgenomen vermogen gelden voor maximumbedrijf.

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### EPRA14-18DV7 / EPRA14-18DW7

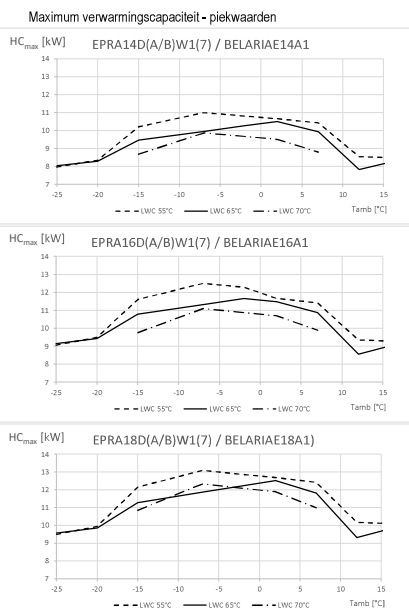


#### Symbolen

HC<sub>max</sub> Verwarmingscapaciteit voor maximum belasting, gemeten volgens EN 14511

LWC Aanvoertemperatuur uit condensator [°C]

Tamb Omgevingstemperatuur [°C DB]



#### Voorwaarden

##### Verwarmingscapaciteit

Capaciteit volgens norm EN 14511 en geldig voor verwarmdwatergebied  $\Delta T = 3 \sim 8^\circ\text{C}$ .

#### Opmerkingen

De capaciteit en het benodigd vermogen gelden voor V3 modellen op 230V en voor W1 modellen op 400V.

De capaciteit en het opgenomen vermogen gelden voor maximumbedrijf.

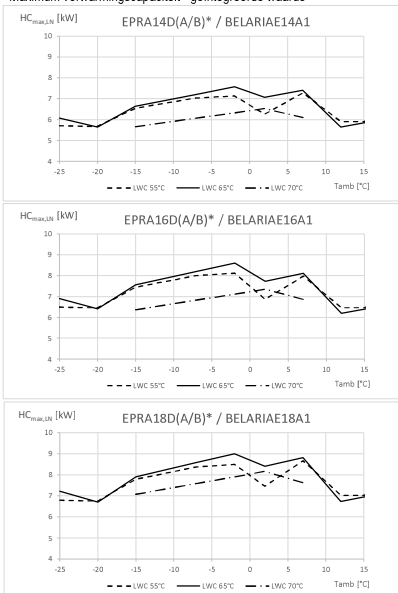
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## 3 Vermogenstabellen

### 3 - 2 Vermogenstabellen voor verwarming

#### EPRA14-18DV7 / EPRA14-18DW7

Maximum verwarmingscapaciteit - geïntegreerde waarde



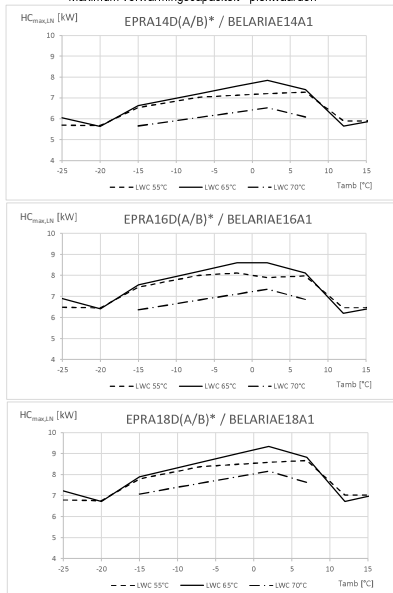
#### Symbolen

HC<sub>max,IN</sub> Verwarmingscapaciteit voor maximum belasting, gemeten volgens EN 14511

LWC Aanvoerwatertemperatuur uit condensor [°C]

Tamb Omgevingstemperatuur [°C DB]

Maximum verwarmingscapaciteit - piekwaarden



#### Voorwaarden

##### Verwarmingscapaciteit

Capaciteit volgens norm EN 14511 en geldig voor verwarmdwatergebied  $\Delta T = 3 \sim 8^\circ\text{C}$ .

##### Opmerkingen

De capaciteit en het benodigd vermogen gelden voor V3 modellen op 230V en voor W1 modellen op 400V.

Volle belasting (maximum toerental/s ventilator en maximum toerental/s compressor voor de toegewezen stand voor stille werking)

Geluidsarm niveau 2

**4D126948B**

# 4 Capaciteitstabellen

## 4 - 1 Certificeringsprogramma's

### EPRA14-18DV7

### EPRA14-18DW7

Nominale gegevens voor certificeringsprogramma's - verwarmingsstand

| Tamb  | EW | UW | HC    | COP  | EPRA18DV7/5 | HC   | COP   | EPRA18DV7/5 | HC    | COP  | EPRA14DV7/5 | HC   | COP   | EPRA18DV7/5 | HC    | COP  | EPRA18DV7/5 | HC   | COP   | Gebruikt voor: |
|-------|----|----|-------|------|-------------|------|-------|-------------|-------|------|-------------|------|-------|-------------|-------|------|-------------|------|-------|----------------|
| °C    | °C | °C | °C    |      | [kW]        | °C   |       | [kW]        | °C    |      | [kW]        | °C   |       | [kW]        | °C    |      | [kW]        | °C   |       |                |
| 7/16  | 35 | 35 | 5,69  | 4,87 | 9,00        | 5,00 | 9,00  | 5,00        | 4,79  | 9,00 | 5,00        | 4,80 | 5,00  | 5,00        | 5,00  | 5,00 | 5,00        | 5,00 | 5,00  | Keymark, ENPA  |
| 2/5   | 30 | 35 | 7,88  | 4,31 | 7,88        | 4,31 | 7,88  | 4,31        | 7,52  | 4,09 | 7,52        | 4,09 | 7,52  | 4,09        | 7,52  | 4,09 | 7,52        | 4,09 | 7,52  | ENPA           |
| -12/8 | 35 | 35 | 10,81 | 3,27 | 11,18       | 3,21 | 11,18 | 3,15        | 10,18 | 3,11 | 11,40       | 3,11 | 11,87 | 3,05        | 11,87 | 3,05 | 11,87       | 3,05 | 11,87 | Algemeenheden  |
| 7/6   | 40 | 45 | 7,95  | 3,62 | 7,95        | 3,61 | 7,95  | 3,60        | 7,95  | 3,60 | 7,95        | 3,60 | 7,95  | 3,60        | 7,95  | 3,60 | 7,95        | 3,60 | 7,95  | Algemeenheden  |
| 7/6   | 47 | 55 | 7,24  | 3,01 | 7,24        | 3,01 | 7,24  | 3,01        | 7,24  | 2,93 | 7,24        | 2,93 | 7,24  | 2,93        | 7,24  | 2,93 | 7,24        | 2,93 | 7,24  | Keymark, ENPA  |
| -12/8 | 47 | 55 | 5,85  | 2,21 | 5,85        | 2,21 | 5,85  | 2,21        | 5,85  | 2,21 | 5,85        | 2,21 | 5,85  | 2,21        | 5,85  | 2,21 | 5,85        | 2,21 | 5,85  | Algemeenheden  |

Nominale gegevens voor certificeringsprogramma's - koelstand

| Tamb | EW | UW | HC    | EER  | EPRA18DV7/5 | HC   | EER   | EPRA18DV7/5 | HC    | EER  | EPRA14DV7/5 | HC   | EER   | EPRA18DV7/5 | HC    | EER  | EPRA18DV7/5 | HC   | EER   | Gebruikt voor: |
|------|----|----|-------|------|-------------|------|-------|-------------|-------|------|-------------|------|-------|-------------|-------|------|-------------|------|-------|----------------|
| °C   | °C | °C | °C    |      | [kW]        | °C   |       | [kW]        | °C    |      | [kW]        | °C   |       | [kW]        | °C    |      | [kW]        | °C   |       |                |
| 35   | 18 | 18 | 10,55 | 4,13 | 11,10       | 4,13 | 11,10 | 4,09        | 10,10 | 4,13 | 11,15       | 4,13 | 11,46 | 4,09        | 11,46 | 4,09 | 11,46       | 4,09 | 11,46 | Algemeenheden  |
| 35   | 12 | 7  | 6,90  | 2,7  | 7,88        | 2,69 | 7,88  | 2,68        | 6,90  | 2,7  | 7,88        | 2,69 | 8,86  | 2,68        | 8,86  | 2,68 | 8,86        | 2,68 | 8,86  | ENPA           |

Seisoengegevens - koeling

|                | EPRA18DV7/5 | EPRA18DV7/5 | EPRA18DV7/5 | EPRA14DV7/5 | EPRA18DV7/5 | EPRA18DV7/5 |
|----------------|-------------|-------------|-------------|-------------|-------------|-------------|
| Peak [kW]      | 6,9         | 7,9         | 8,8         | 6,9         | 7,9         | 8,8         |
| SEER [L]       | 9,09        | 4,08        | 4,17        | 9,09        | 4,08        | 4,07        |
| SCoP [°C]      | 157         | 160         | 164         | 152         | 156         | 160         |
| SCoP [°C/hour] | 1018        | 1158        | 1266        | 1009        | 1188        | 1296        |

Nominale gegevens voor certificeringsprogramma's - rendement warm tapwater

| Referentie             | ETP1818DV7/5      | ETP1818DV7/5      | ETP1818DV7/5      | ETP1818DV7/5      | ETP1818DV7/5      | ETP1818DV7/5      | ETP1818DV7/5      | ETP1818DV7/5      | ETP1818DV7/5      | ETP1818DV7/5      | ETP1818DV7/5      | ETP1818DV7/5      | ETP1818DV7/5      | ETP1818DV7/5      | ETP1818DV7/5      | ETP1818DV7/5      | ETP1818DV7/5      | ETP1818DV7/5      | ETP1818DV7/5      | Gebruikt voor: |
|------------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|----------------|
| Referentie             | EPRA18DV7/5       | EPRA18DV7/5       | EPRA18DV7/5       | EPRA18DV7/5       | EPRA18DV7/5       | EPRA18DV7/5       | EPRA18DV7/5       | EPRA18DV7/5       | EPRA18DV7/5       | EPRA18DV7/5       | EPRA18DV7/5       | EPRA18DV7/5       | EPRA18DV7/5       | EPRA18DV7/5       | EPRA18DV7/5       | EPRA18DV7/5       | EPRA18DV7/5       | EPRA18DV7/5       | EPRA18DV7/5       | Keymark        |
| Toepassing             | Gemiddeld klimaat | Gemiddeld klimaat | Gemiddeld klimaat | Gemiddeld klimaat | Gemiddeld klimaat | Gemiddeld klimaat | Gemiddeld klimaat | Gemiddeld klimaat | Gemiddeld klimaat | Gemiddeld klimaat | Gemiddeld klimaat | Gemiddeld klimaat | Gemiddeld klimaat | Gemiddeld klimaat | Gemiddeld klimaat | Gemiddeld klimaat | Gemiddeld klimaat | Gemiddeld klimaat | Gemiddeld klimaat |                |
| Waterverbruikspunt     | L                 | L                 | L                 | L                 | L                 | L                 | L                 | L                 | L                 | L                 | L                 | L                 | L                 | L                 | L                 | L                 | L                 | L                 | L                 |                |
| Druwpunt (bar)         | 0,18-36           | 0,18-36           | 0,18-36           | 0,18-36           | 0,18-36           | 0,18-36           | 0,18-36           | 0,18-36           | 0,18-36           | 0,18-36           | 0,18-36           | 0,18-36           | 0,18-36           | 0,18-36           | 0,18-36           | 0,18-36           | 0,18-36           | 0,18-36           | 0,18-36           |                |
| P <sub>tot</sub> [W]   | 34,2              | 42,9              | 48,2              | 58,5              | 48,0              | 51,0              | 51,0              | 51,0              | 51,0              | 51,0              | 51,0              | 51,0              | 51,0              | 51,0              | 51,0              | 51,0              | 51,0              | 51,0              | 51,0              |                |
| P <sub>tot</sub> [W]   | 240,0             | 240,0             | 240,0             | 240,0             | 240,0             | 240,0             | 240,0             | 240,0             | 240,0             | 240,0             | 240,0             | 240,0             | 240,0             | 240,0             | 240,0             | 240,0             | 240,0             | 240,0             | 240,0             |                |
| η <sub>tot</sub> [%]   | 105,7             | 105,7             | 105,7             | 105,7             | 105,7             | 105,7             | 105,7             | 105,7             | 105,7             | 105,7             | 105,7             | 105,7             | 105,7             | 105,7             | 105,7             | 105,7             | 105,7             | 105,7             | 105,7             |                |
| COP <sub>tot</sub> [L] | 2,62              | 2,51              | 2,61              | 2,55              | 2,58              | 2,67              | 2,75              | 2,75              | 2,75              | 2,75              | 2,75              | 2,75              | 2,75              | 2,75              | 2,75              | 2,75              | 2,75              | 2,75              | 2,75              |                |

Symbolen

HC Verwarmingscapaciteit gemiddeld volgens EN 14511  
 CC Koelcapaciteit gemiddeld volgens EN 14511  
 COP/EER Ratio Rendement (COP/Energiecapaciteit) volgens EN 14511  
 EWC Retenwatertemperatuur uit condensor [°C]  
 UWC Aansluitwatertemperatuur uit condensor [°C]  
 EWE Retenwatertemperatuur uit verdampert [°C]

UWC

Tamb

Referentie

P<sub>tot</sub>

η<sub>tot</sub>

η<sub>tot</sub>

COP<sub>tot</sub>

Aansluitwatertemperatuur uit verdampert [°C]

Omgangstemperatuur [°C (D/W)]

Referentie

Bereikt vermogen in stand-by

Efficiëntie [%]

COP van het warm tapwater

Warmtapwatertemperatuur [°C]

Volgens EN128147

Volgens EN128147

Volgens EN128147

Volgens EN128147

Nominale gegevens voor certificeringsprogramma's - verwarmingsstand

Volgens EN17113300

| Voorwaarde | Tamb  | UW | HC  | COP   | EPRA18DV7/5 | HC    | COP  | EPRA18DV7/5 | HC   | COP   | EPRA14DV7/5 | HC    | COP  | EPRA18DV7/5 | HC   | COP   | EPRA18DV7/5 | HC    | COP  |
|------------|-------|----|-----|-------|-------------|-------|------|-------------|------|-------|-------------|-------|------|-------------|------|-------|-------------|-------|------|
| A          | -12/8 | 35 | 100 | 10,41 | 5,10        | 11,46 | 5,10 | 11,46       | 5,10 | 11,46 | 5,10        | 11,46 | 5,10 | 11,46       | 5,10 | 11,46 | 5,10        | 11,46 | 5,10 |
| B          | 2/5   | 30 | 100 | 8,02  | 3,75        | 8,02  | 3,75 | 8,02        | 3,75 | 8,02  | 3,75        | 8,02  | 3,75 | 8,02        | 3,75 | 8,02  | 3,75        | 8,02  | 3,75 |
| C          | 7/6   | 27 | 100 | 9,93  | 3,84        | 10,64 | 3,84 | 10,64       | 3,84 | 10,64 | 3,84        | 10,64 | 3,84 | 10,64       | 3,84 | 10,64 | 3,84        | 10,64 | 3,84 |
| D          | 12/15 | 24 | 100 | 11,84 | 3,03        | 12,61 | 3,03 | 12,61       | 3,03 | 12,61 | 3,03        | 12,61 | 3,03 | 12,61       | 3,03 | 12,61 | 3,03        | 12,61 | 3,03 |
| A          | -12/8 | 42 | 100 | 10,41 | 5,10        | 11,46 | 5,10 | 11,46       | 5,10 | 11,46 | 5,10        | 11,46 | 5,10 | 11,46       | 5,10 | 11,46 | 5,10        | 11,46 | 5,10 |
| B          | 2/5   | 42 | 100 | 8,35  | 2,97        | 8,35  | 2,97 | 8,35        | 2,97 | 8,35  | 2,97        | 8,35  | 2,97 | 8,35        | 2,97 | 8,35  | 2,97        | 8,35  | 2,97 |
| C          | 7/6   | 36 | 100 | 10,18 | 4,70        | 10,18 | 4,70 | 10,18       | 4,70 | 10,18 | 4,70        | 10,18 | 4,70 | 10,18       | 4,70 | 10,18 | 4,70        | 10,18 | 4,70 |
| D          | 12/15 | 30 | 100 | 9,29  | 4,09        | 9,29  | 4,09 | 9,29        | 4,09 | 9,29  | 4,09        | 9,29  | 4,09 | 9,29        | 4,09 | 9,29  | 4,09        | 9,29  | 4,09 |

Nominale gegevens voor certificeringsprogramma's - koelstand

Volgens EN17113300

| Voorwaarde | Tamb | UW | HC  | EER   | EPRA18DV7/5 | HC    | EER  | EPRA18DV7/5 | HC   | EER   | EPRA14DV7/5 | HC    | EER  | EPRA18DV7/5 | HC   | EER   | EPRA18DV7/5 | HC    | EER  |
|------------|------|----|-----|-------|-------------|-------|------|-------------|------|-------|-------------|-------|------|-------------|------|-------|-------------|-------|------|
| A          | 35   | 18 | 100 | 10,55 | 4,13        | 11,10 | 4,13 | 11,10       | 4,09 | 10,10 | 4,13        | 11,15 | 4,13 | 11,46       | 4,09 | 11,46 | 4,09        | 11,46 | 4,09 |
| B          | 30   | 18 | 75  | 6,62  | 5,15        | 7,29  | 5,15 | 7,29        | 5,15 | 7,29  | 5,15        | 7,29  | 5,15 | 7,29        | 5,15 | 7,29  | 5,15        | 7,29  | 5,15 |
| C          | 25   | 18 | 50  | 4,48  | 7,61        | 4,88  | 7,61 | 4,88        | 7,61 | 4,88  | 7,61        | 4,88  | 7,61 | 4,88        | 7,61 | 4,88  | 7,61        | 4,88  | 7,61 |
| D*         | 20   | 18 | 25  | 2,64  | 5,70        | 2,88  | 5,72 | 3,18        | 5,73 | 2,64  | 5,70        | 2,88  | 5,72 | 3,18        | 5,73 | 2,64  | 5,70        | 2,88  | 5,72 |
| A          | 35   | 7  | 100 | 6,90  | 2,68        | 7,88  | 2,69 | 7,88        | 2,68 | 6,90  | 2,68        | 7,88  | 2,69 | 8,86        | 2,68 | 8,86  | 2,68        | 8,86  | 2,68 |
| B          | 30   | 7  | 75  | 4,94  | 3,47        | 5,44  | 3,47 | 5,44        | 3,47 | 4,94  | 3,47        | 5,44  | 3,47 | 6,04        | 3,47 | 6,04  | 3,47        | 6,04  | 3,47 |
| C          | 25   | 7  | 50  | 4,00  | 4,41        | 4,31  | 4,41 | 4,31        | 4,31 | 4,00  | 4,41        | 4,31  | 4,31 | 4,31        | 4,31 | 4,31  | 4,31        | 4,31  | 4,31 |
| D*         | 20   | 7  | 25  | 1,79  | 4,71        | 1,97  | 4,76 | 2,22        | 4,76 | 1,79  | 4,71        | 1,97  | 4,76 | 2,22        | 4,76 | 1,79  | 4,71        | 1,97  | 4,76 |

\* Bij default worden D-gegevens berekend met AAN/UIT-comparatie volgens EN14825 ten behoeve van de software rekenfout. In werkelijkheid is de minimumbelasting van de unit in deze toestand hoger dan 25%.

4D126945J

## 4 Capaciteitstabellen

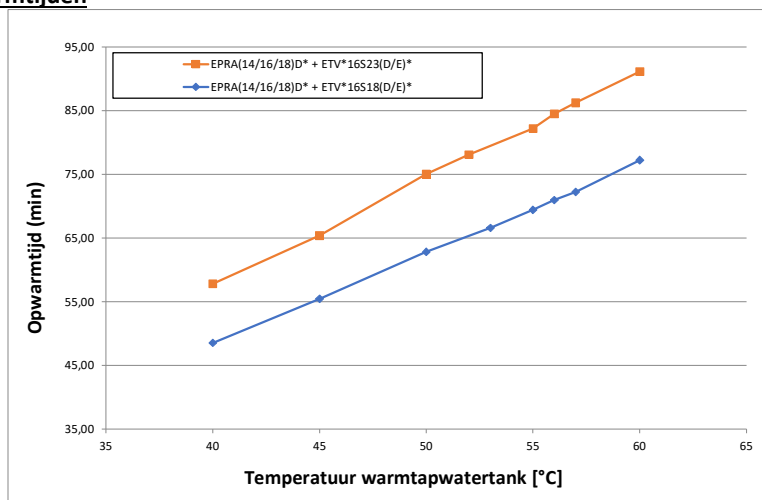
### 4 - 2 Prestatie sanitair warm water

EPRA14-18DV7

EPRA14-18DW7

4

#### Opwarmtijden



| Modelnaam                          | Opwarmtijd warmtapwatertank tot 45°C |
|------------------------------------|--------------------------------------|
| EPRA(14/16/18)D* + ETV*16S18(D/E)* | 55 min.                              |
| EPRA(14/16/18)D* + ETV*16S23(D/E)* | 65 min.                              |

#### Opmerkingen

1. Tijd nodig voor de binnenunit (alleen de warmtepomp werkt) om de warmtapwatertank van 10°C tot de aangegeven temperatuur op te warmen.

Raadpleeg het werkingsgebied voor de maximum warmtapwatertanktemperatuur wanneer alleen de warmtepomp in bedrijf is.

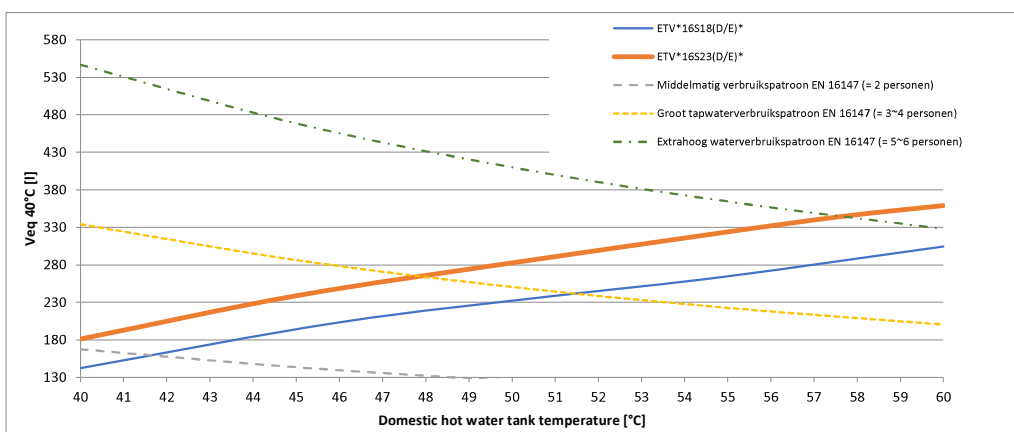
4D126944C

EPRA14-18DV7

EPRA14-18DW7

#### (1) Selectiegids voor het volume van de warmtapwatertank

Veq 40°C = de hoeveelheid water met een temperatuur van 40°C die kan worden verbruikt wanneer de warmtapwatertank tot een bepaalde temperatuur is opgewarmd, waarbij de temperatuur van het koude toevoerwater 10°C bedraagt.



Indien een hogere dagelijkse Veq 40°C nodig is, moeten er bijkomende opwarmcycli in de cyclus van 24 uren zijn. Raadpleeg de gebruiksaanwijzing voor meer informatie.

#### Opmerkingen

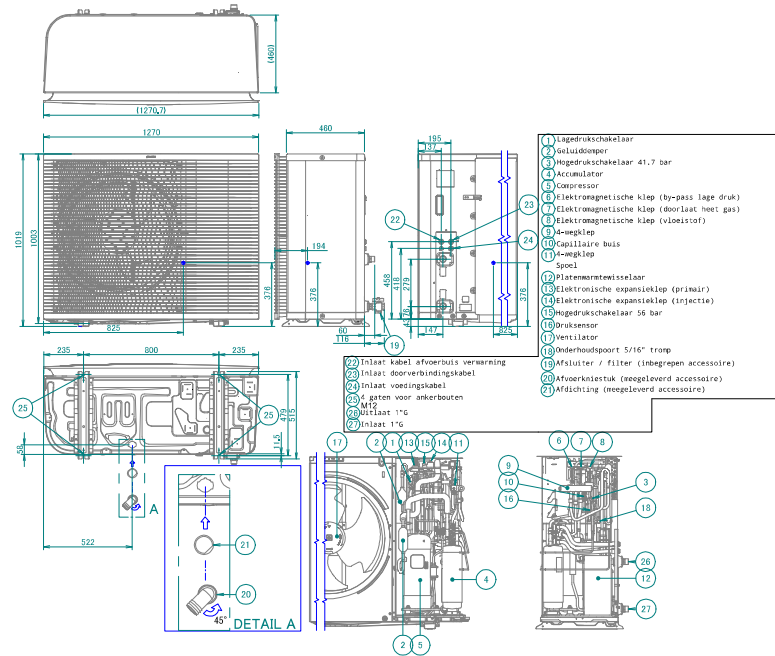
- (1) Volgens EN16147.

4D126944C

# 5 Maattekeningen

## 5 - 1 Maattekeningen

EPRA14-18DV7  
EPRA14-18DW7

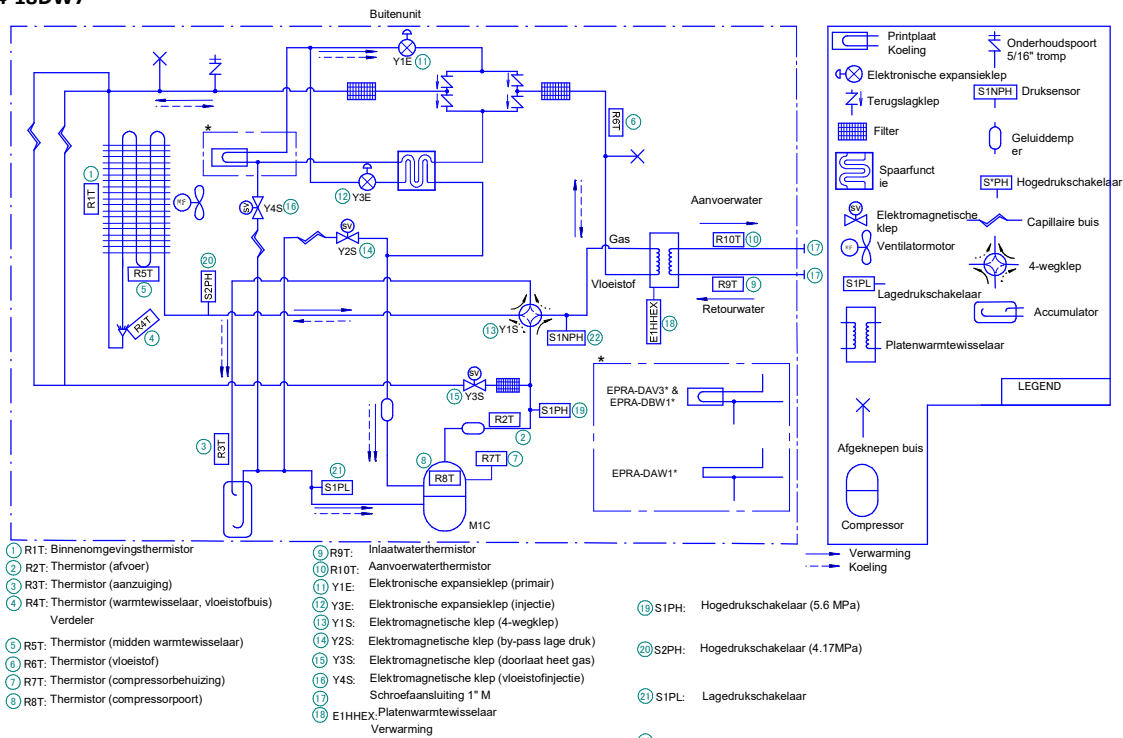


3D124101C

## 6 Leidingschema's

### 6 - 1 Leidingschema's

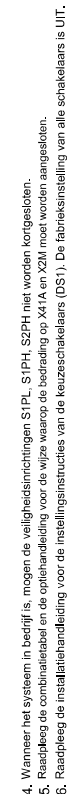
EPRA14-18DV7  
EPRA14-18DW7



3D124079D



**EPRA14-18DV7 / EPRA14-18DW7**



- Notes
1. L: Order spanning  
N: Neutral  
A: Aarding  
R: Ruisvrije aarding
2. Kleuren: bk: zwart; red: rood; blu: blauw; wtt: wit; gm: groen; ylv: geel; brn: bruin; org: oranje; prk: roze
3. Kleuren: bk: zwart; red: rood; blu: blauw; wtt: wit; gm: groen; ylv: geel; brn: bruin; org: oranje; prk: roze

**2D146515B**

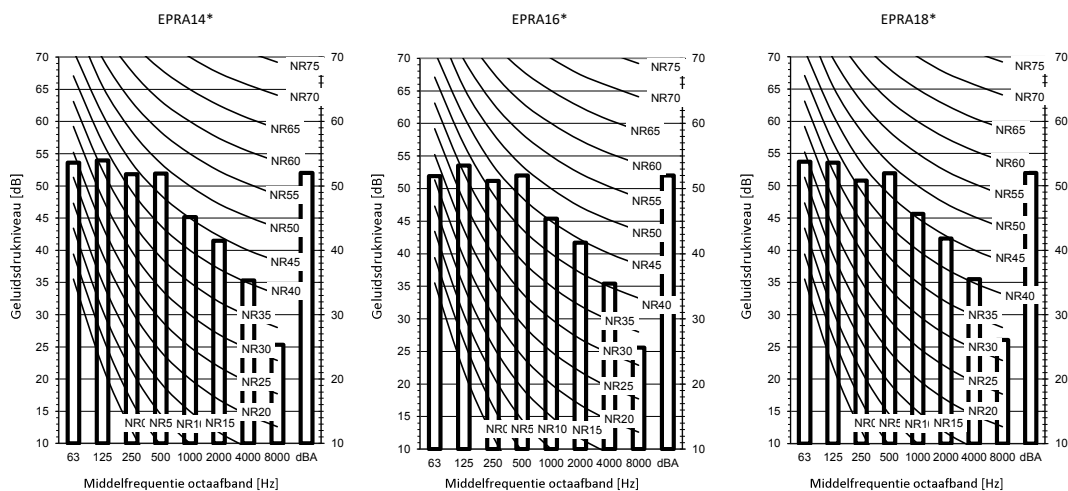
# 8 Geluidsgegevens

## 8 - 1 Geluidsdruk-spectrum - koelen

EPRA14-18DV7

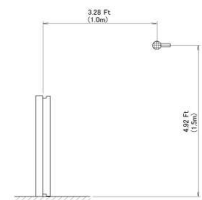
EPRA14-18DW7

Cooling Sound



Opmerkingen

1. Gegevens geldig in vrij veld.
2. Gegevens geldig in nominaal bedrijf.
3. dBA = A-gewogen geluidsdruk-niveau (A-schaal volgens IEC).
4. Referentie-geluidsdruk 0 dB = 20  $\mu$ Pa
5. Als het geproduceerd geluid in reële installatie-omstandigheden gemeten wordt, zal de gemeten waarde hoger liggen door het geluid van de omgeving en geluidsreflecties.

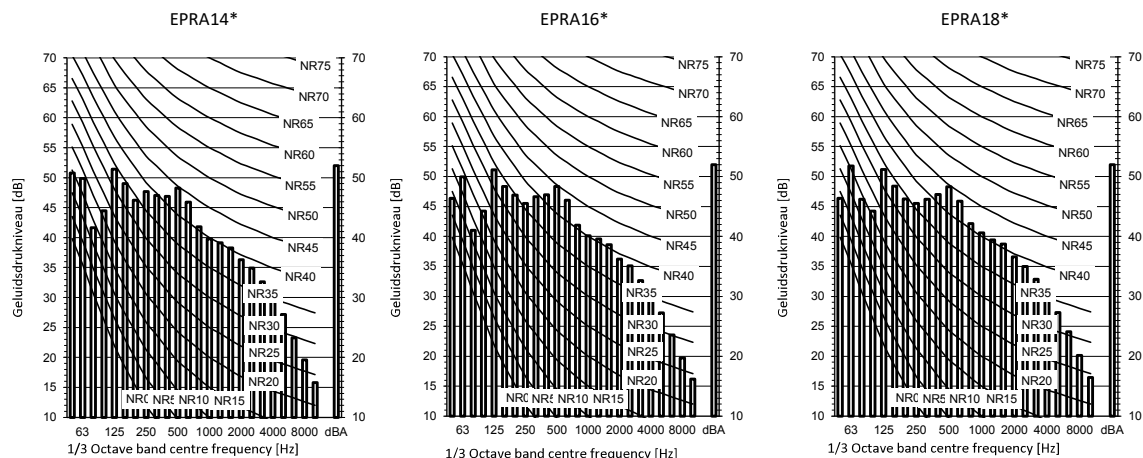


Meetplaats (kant afvoer)

3D126758

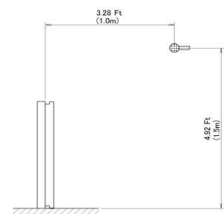
EPRA14-18DV7

EPRA14-18DW7



Opmerkingen

1. Gegevens geldig in vrij veld.
2. Gegevens geldig in nominaal bedrijf.
3. dBA = A-gewogen geluidsdruk-niveau (A-schaal volgens IEC).
4. Referentie-geluidsdruk 0 dB = 20  $\mu$ Pa
5. Als het geproduceerd geluid in reële installatie-omstandigheden gemeten wordt, zal de gemeten waarde hoger liggen door het geluid van de omgeving en geluidsreflecties.



Meetplaats (kant afvoer)

3D126758

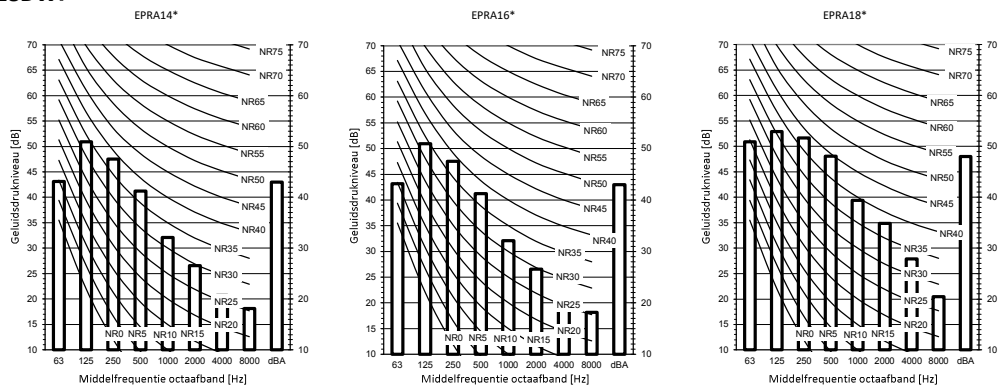
# 8 Geluidsgegevens

## 8 - 2 Geluidsdruk-spectrum - verwarmen

### EPRA14-18DV7

### EPRA14-18DW7

#### Heating Sound

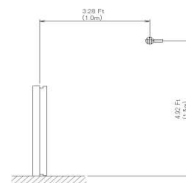


Opmerk (graphics only)

1. Gegevens geldig in vrij veld.  
Gemeten in semidode kamer
2. Gegevens geldig in nominaal bedrijf.
3. dBA = A-gewogen geluidsdruk (A-schaal volgens IEC).
4. Referentiegeluidsdruk 0 dB = 20  $\mu$ Pa
5. Als het geproduceerd geluid in reële installatie-omstandigheden gemeten wordt, zal de gemeten waarde hoger liggen door het geluid van de omgeving en geluidsreflecties.

| Day       | Night               | Day                     |         |         | Night                   |         |         |
|-----------|---------------------|-------------------------|---------|---------|-------------------------|---------|---------|
|           |                     | Geluidsterktniveau [dB] |         |         | Geluidsterktniveau [dB] |         |         |
| Day       | Night               | EPRA14*                 | EPRA16* | EPRA18* | EPRA14*                 | EPRA16* | EPRA18* |
| Standaard | Geluidsarm niveau 2 | 60,2                    | 60,2    | 60,2    | 53,7                    | 53,7    | 53,7    |
|           | Geluidsarm niveau 3 | 53,7                    | 53,7    | 53,7    | 49,5                    | 49,5    | 49,5    |

Volle belasting (maximum toerental/s ventilator en maximum toerental/s compressor voor de toegewezen stand voor stille werking)

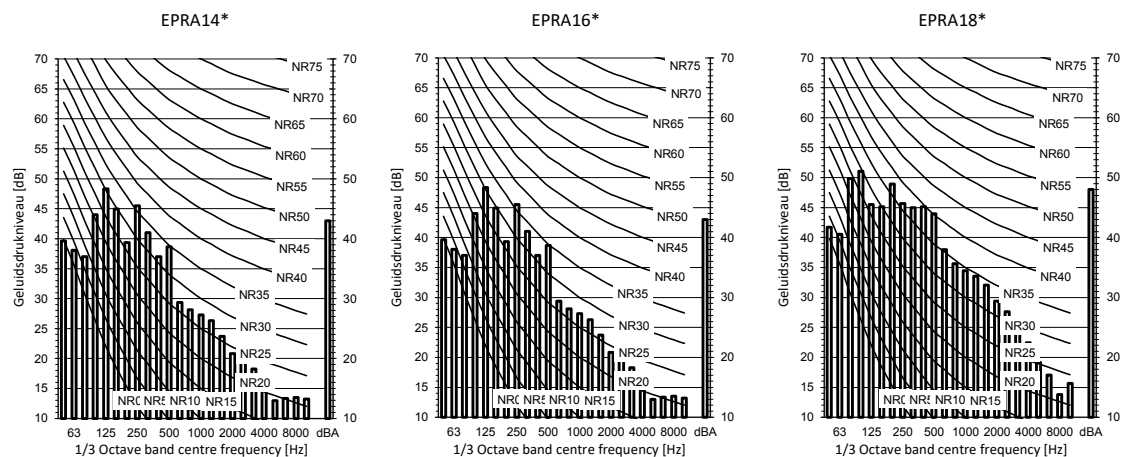


Meetplaats (kant afvoer)

3D125215A

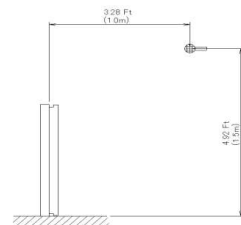
### EPRA14-18DV7

### EPRA14-18DW7



Opmerkingen

1. Gegevens geldig in vrij veld.  
Gemeten in semidode kamer
2. Gegevens geldig in nominaal bedrijf.
3. dBA = A-gewogen geluidsdruk (A-schaal volgens IEC).
4. Referentiegeluidsdruk 0 dB = 20  $\mu$ Pa
5. Als het geproduceerd geluid in reële installatie-omstandigheden gemeten wordt, zal de gemeten waarde hoger liggen door het geluid van de omgeving en geluidsreflecties.



Meetplaats (kant afvoer)

3D125215A

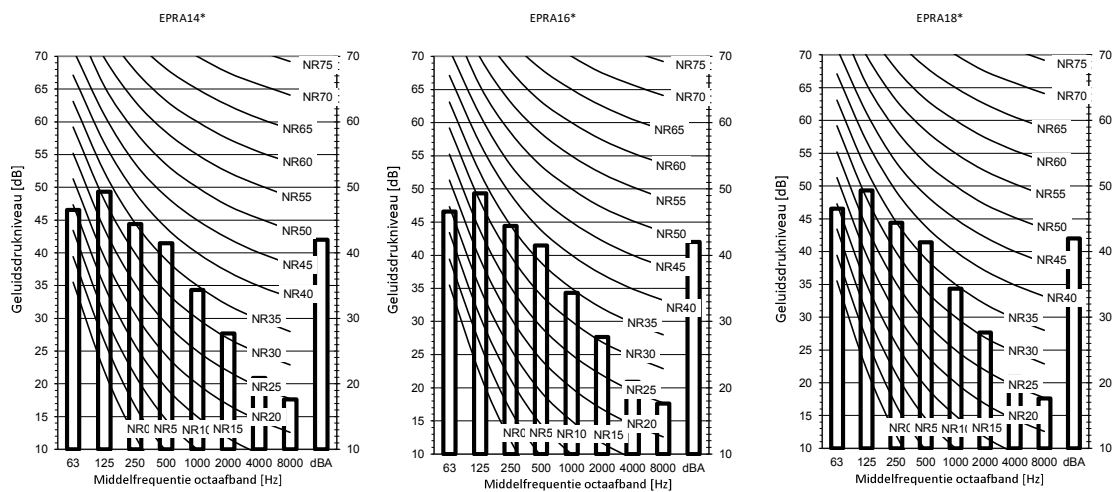
## 8 Geluidsgegevens

### 8 - 3 Geluidsdruk-spectrum fluisterstille nachtstand

EPRA014-018DV7

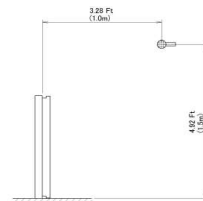
EPRA014-018DW7

Heating Low Sound Mode 2



#### Opmerkingen

1. Gegevens geldig in vrij veld.
2. Gegevens geldig in nominaal bedrijf.
3. dBA = A-gewogen geluidsdruk (A-schaal volgens IEC).
4. Referentie geluidsdruk 0 dB = 20  $\mu$ Pa
5. Als het geproduceerd geluid in reële installatie-omstandigheden gemeten wordt, zal de gemeten waarde hoger liggen door het geluid van de omgeving en geluidsreflecties.

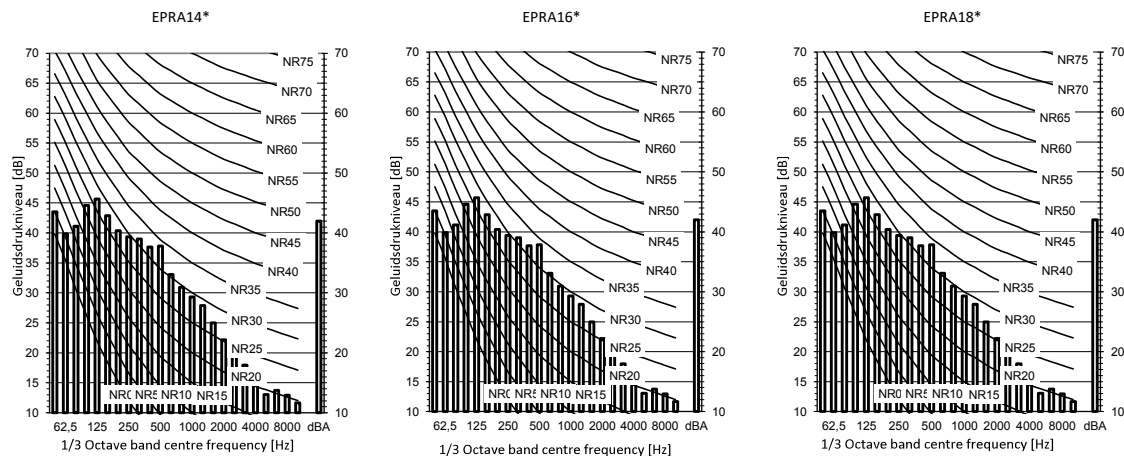


Meetplaats (kant afvoer)

3D125214

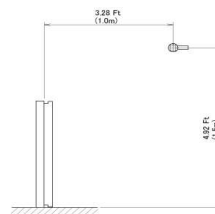
EPRA14-18DV7

EPRA14-18DW7



#### Opmerkingen

1. Gegevens geldig in vrij veld.
2. Gegevens geldig in nominaal bedrijf.
3. dBA = A-gewogen geluidsdruk (A-schaal volgens IEC).
4. Referentie geluidsdruk 0 dB = 20  $\mu$ Pa
5. Als het geproduceerd geluid in reële installatie-omstandigheden gemeten wordt, zal de gemeten waarde hoger liggen door het geluid van de omgeving en geluidsreflecties.



Meetplaats (kant afvoer)

3D125214

# 8 Geluidsgegevens

## 8 - 3 Geluidsdruk-spectrum fluisterstille nachtstand

EPRA14-18DV7

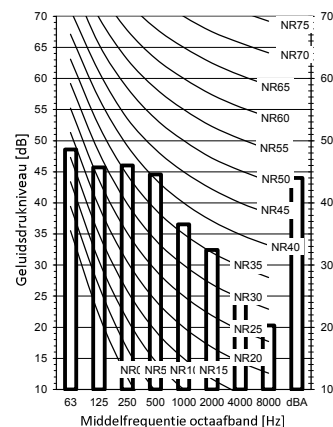
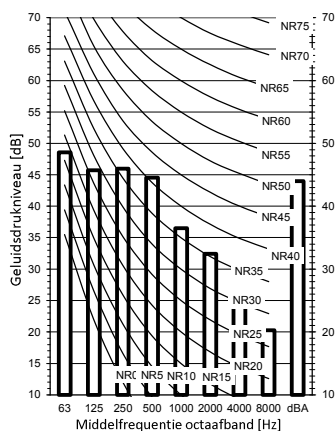
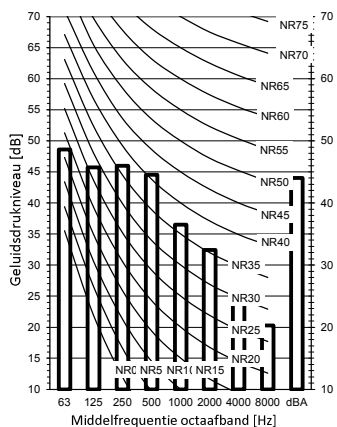
EPRA14-18DW7

Cooling: Low Sound Mode 2

EPRA14\*

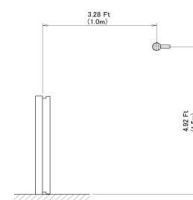
EPRA16\*

EPRA18\*



### Opmerkingen

1. Gegevens geldig in vrij veld.  
Gemeten in semidode kamer
2. Gegevens geldig in nominaal bedrijf.
3. dBA = A-gewogen geluidsdruk-niveau (A-schaal volgens IEC).
4. Referentie geluidsdruk 0 dB = 20  $\mu$ Pa
5. Als het geproduceerd geluid in reële installatie-omstandigheden gemeten wordt, zal de gemeten waarde hoger liggen door het geluid van de omgeving en geluidsreflecties.



Meetplaats (kant afvoer)

3D126757

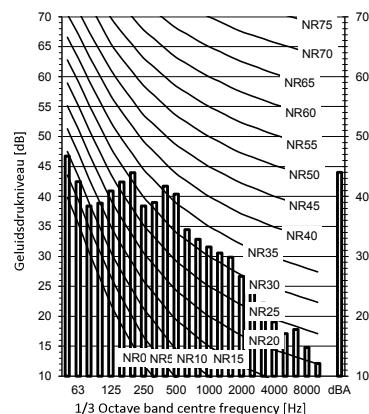
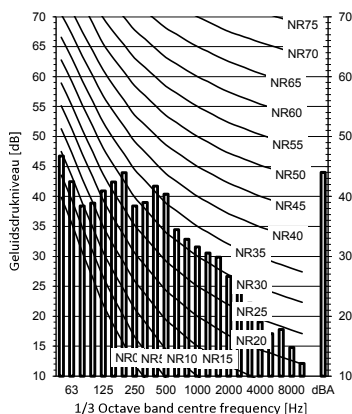
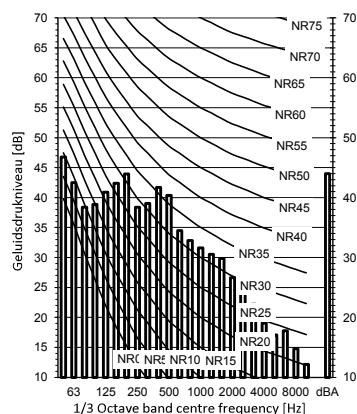
EPRA14-18DV7

EPRA14-18DW7

EPRA14\*

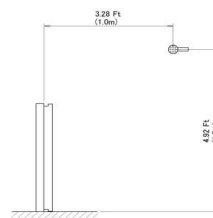
EPRA16\*

EPRA18\*



### Opmerkingen

1. Gegevens geldig in vrij veld.  
Gemeten in semidode kamer
2. Gegevens geldig in nominaal bedrijf.
3. dBA = A-gewogen geluidsdruk-niveau (A-schaal volgens IEC).
4. Referentie geluidsdruk 0 dB = 20  $\mu$ Pa
5. Als het geproduceerd geluid in reële installatie-omstandigheden gemeten wordt, zal de gemeten waarde hoger liggen door het geluid van de omgeving en geluidsreflecties.



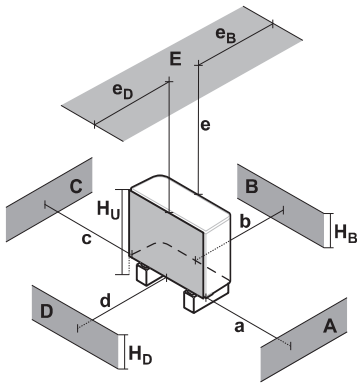
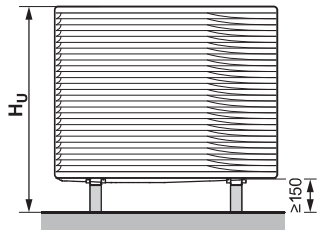
Meetplaats (kant afvoer)

3D126757

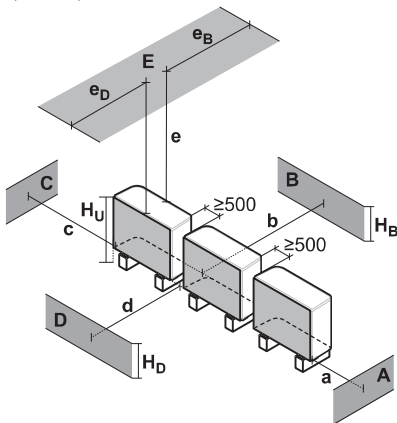
# 9 Montage

## 9 - 1 Installatiemethode bij cascade toepassingen

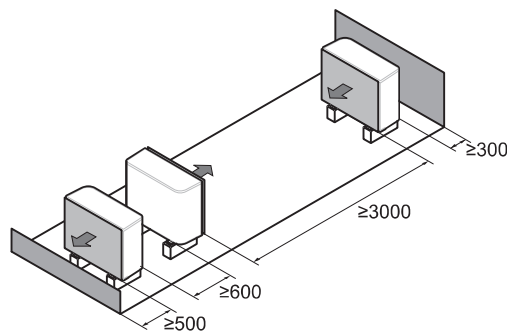
EPRA14-18DV7 / EPRA14-18DW7



| A~E           | H <sub>B</sub> H <sub>D</sub> H <sub>U</sub>          | (mm)                           |      |      |      |       |                |                |      |
|---------------|-------------------------------------------------------|--------------------------------|------|------|------|-------|----------------|----------------|------|
|               |                                                       | a                              | b    | c    | d    | e     | e <sub>B</sub> | e <sub>D</sub> |      |
| B             | —                                                     |                                | ≥300 |      |      |       |                |                |      |
| A, B, C       | —                                                     | ≥500                           | ≥300 | ≥100 |      |       |                |                |      |
| B, E          | —                                                     |                                | ≥300 |      |      | ≥1000 |                | ≤500           |      |
| A, B, C, E    | —                                                     | ≥500                           | ≥300 | ≥150 |      | ≥1000 |                | ≤500           |      |
| D             | —                                                     |                                |      |      | ≥500 |       |                |                |      |
| D, E          | —                                                     |                                |      |      | ≥500 | ≥1000 | ≤500           |                |      |
| A, C          | —                                                     | ≥500                           |      | ≥100 |      |       |                |                |      |
| B, D          | (H <sub>B</sub> OR H <sub>D</sub> ) ≤ H <sub>U</sub>  |                                | ≥300 |      | ≥500 |       |                |                |      |
|               | (H <sub>B</sub> AND H <sub>D</sub> ) > H <sub>U</sub> | ⊘                              |      |      |      |       |                |                |      |
| B, D, E       | (H <sub>B</sub> OR H <sub>D</sub> ) ≤ H <sub>U</sub>  | H <sub>B</sub> >H <sub>D</sub> |      | ≥300 |      | ≥1000 | ≥1000          |                | ≤500 |
|               |                                                       | H <sub>B</sub> <H <sub>D</sub> |      | ≥300 |      | ≥1000 | ≥1000          | ≤500           |      |
|               | (H <sub>B</sub> AND H <sub>D</sub> ) > H <sub>U</sub> |                                | ⊘    |      |      |       |                |                |      |
|               | —                                                     |                                | ≥500 |      | ≥150 | ≥500  | ≥1000          | ≤500           |      |
| A, B, C, D, E | (H <sub>B</sub> OR H <sub>D</sub> ) ≤ H <sub>U</sub>  | H <sub>B</sub> >H <sub>D</sub> | ≥500 | ≥300 | ≥150 | ≥1000 | ≥1000          |                | ≤500 |
|               |                                                       | H <sub>B</sub> <H <sub>D</sub> | ≥500 | ≥300 | ≥150 | ≥1000 | ≥1000          | ≤500           |      |
|               | (H <sub>B</sub> AND H <sub>D</sub> ) > H <sub>U</sub> |                                | ⊘    |      |      |       |                |                |      |



|                                |                                                                    |      |      |      |       |       |      |      |
|--------------------------------|--------------------------------------------------------------------|------|------|------|-------|-------|------|------|
| B                              | —                                                                  |      | ≥300 |      |       |       |      |      |
| A, B, C                        | —                                                                  | ≥500 | ≥300 | ≥500 |       |       |      |      |
| B, E                           | —                                                                  |      | ≥300 |      |       | ≥1000 |      | ≤500 |
| A, B, C, E                     | —                                                                  | ≥500 | ≥300 | ≥500 |       | ≥1000 |      | ≤500 |
| D                              | —                                                                  |      |      |      | ≥500  |       |      |      |
| D, E                           | —                                                                  |      |      |      | ≥500  | ≥1000 | ≤500 |      |
| A, C                           | —                                                                  | ≥500 |      | ≥500 |       |       |      |      |
| B, D                           | $(H_B \text{ OR } H_D) \leq H_U$<br>$(H_B \text{ AND } H_D) > H_U$ |      | ≥300 |      | ≥500  |       |      |      |
| B, D, E                        | $(H_B \text{ OR } H_D) \leq H_U$                                   |      | ≥300 |      | ≥1000 | ≥1000 |      | ≤500 |
|                                | $H_B > H_D$                                                        |      | ≥300 |      | ≥1000 | ≥1000 | ≤500 |      |
|                                | $H_B < H_D$                                                        |      | ≥300 |      | ≥1000 | ≥1000 | ≤500 |      |
| $(H_B \text{ AND } H_D) > H_U$ |                                                                    | ⊘    |      |      |       |       |      |      |
| A, C, D, E                     | —                                                                  | ≥500 |      | ≥500 | ≥500  | ≥1000 | ≤500 |      |
| A, B, C, D, E                  | $(H_B \text{ OR } H_D) \leq H_U$                                   | ≥500 | ≥300 | ≥500 | ≥1000 | ≥1000 |      | ≤500 |
|                                | $H_B > H_D$                                                        | ≥500 | ≥300 | ≥500 | ≥1000 | ≥1000 | ≤500 |      |
|                                | $H_B < H_D$                                                        | ≥500 | ≥300 | ≥500 | ≥1000 | ≥1000 | ≤500 |      |
| $(H_B \text{ AND } H_D) > H_U$ |                                                                    | ⊘    |      |      |       |       |      |      |



3D141221

## 9 Montage

### 9 - 1 Installatiemethode bij cascade toepassingen

#### EPRA14-18DV7 / EPRA14-18DW7

##### Installatievereisten voor ·EPRA\*DA\*·-units

Cascadebuitenunits.

De installaties met verschillende buitenunits zoals getoond in ·(1)· (zij aan zij) en ·(2)· (voorkant tegen achterkant/achterkant tegen voorkant) zijn alleen toegestaan in combinatie met wandbinnenunits, NIET in combinatie met vloerbinnenunits.

##### Legende Symbolen

A, C Obstatels (wanden/keerschotten)

B Obstatels aan de aanzuigkant

D Obstatels aan de afvoerkant

E Obstatel (dak)

a,b,c,d,e Minimale serviceruimte tussen de unit en obstakels A, B, C, D en E

e<sub>B</sub> Maximale afstand tussen de unit en de rand van obstakel E, in de richting van obstakel B

e<sub>D</sub> Maximale afstand tussen de unit en de rand van obstakel E, in de richting van obstakel D

Hu Hoogte van de unit

Hb,Hd Hoogte van obstakels B en D

⊘ Niet toegestaan



3D141221

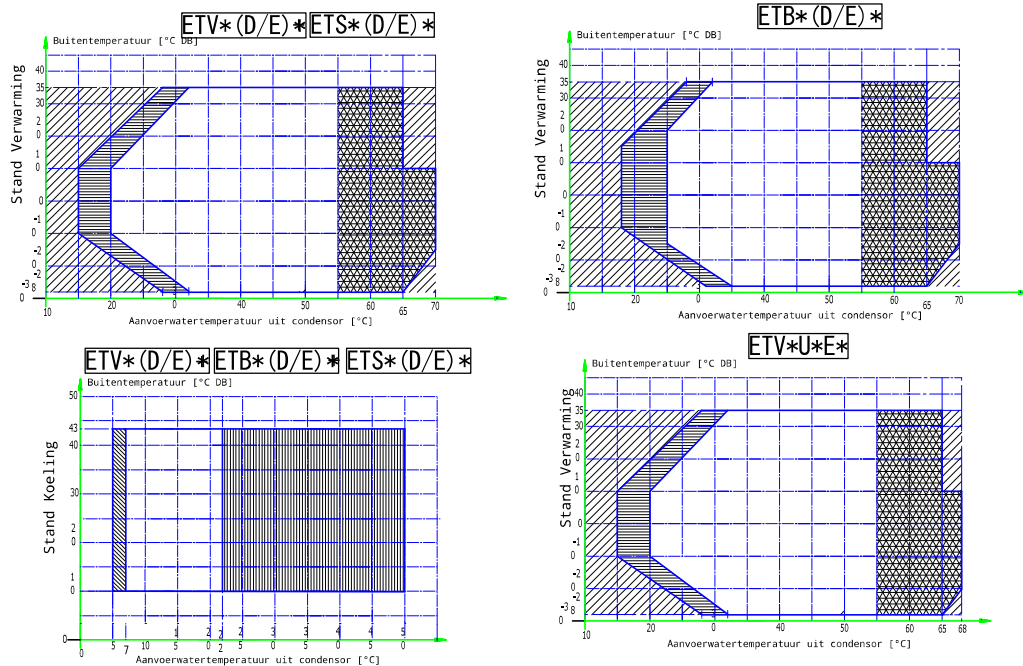


# 10 Werkbereik

## 10 - 1 Werkbereik

10

EPRA14-18DV7  
EPRA14-18DW7



### Legende

- Alleen werking back-opverwarming
- Buitenunit niet in bedrijf
- Buitenunit in bedrijf als instelpunt ≥ 20
- Pull-down-zone
- Werking van de buitenunit als instelpunt > 55°C en ΔT = 10°C (ΔT = uitlaattemperatuur - inlaattemperatuur)
- Indien de klepkit AFVALVE1 onderdeel uitmaakt van het systeem, is het minimale instelpunt 7°C.

### Opmerking

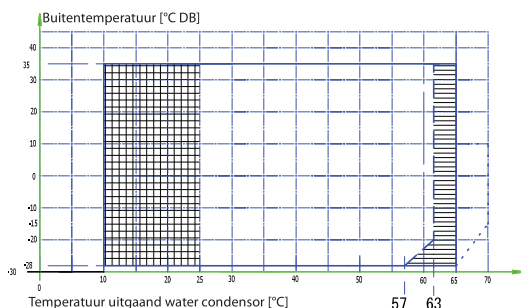
In de stand beperkte elektrische voeding kunnen de buitenunit, de boosterverwarming en de back-opverwarming alleen afzonderlijk werken.

3D125788C

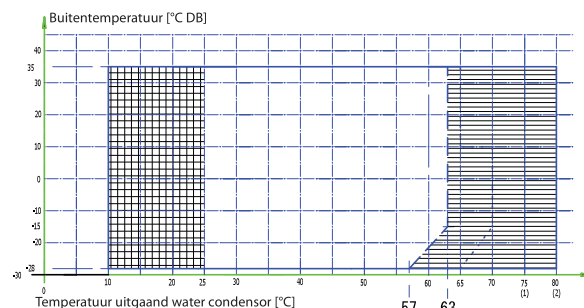
EPRA14-18DV7  
EPRA14-18DW7

## Verwarmmodus sanitair warm water

ETV\*



EKHWP\* + EKHPW\* + EKHWS\*200\*  
EKHWS\*250\*  
EKHWS\*300\* + Product van derden met identieke specificaties als  
-EKHWS\*200\*.



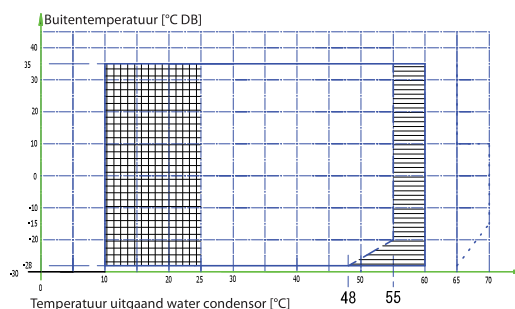
### LEGENDE

- Ingestelde waarde [°C]
- Sanitair warm water
- Opwarmzone
- Uitsluitend werking van oververhitter (als een oververhitter deel uitmaakt van het systeem)
- (1) Combinatie van binnunits -EKHWS- en -ETB\*16\*/alleen binnunits -ETS\*16\*.
- (2) Combinatie van binnunits -EKHWP- and -ETB\*16\*.

### OPMERKING

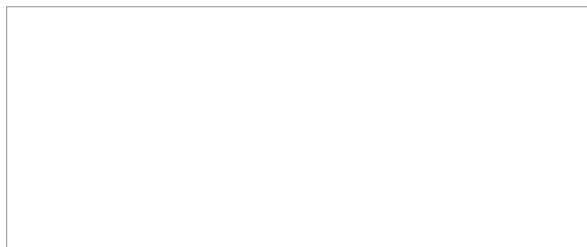
1. In de modus voor beperkt stroomverbruik (alleen -EKHW\*) kunnen de buitenunit, de oververhitter en de hulpverwarming uitsluitend afzonderlijk werken.
2. Product van derden met identieke specificaties als -EKHWS\*150\*. Convectroppervlak > 1,05-m². Tankthermistor: bovenste gedeelte van warmtepompconvector. Kleine overlapping.
3. Product van derden met identieke specificaties als -EKHWS\*200\*. Convectroppervlak > 1,8-m². Tankthermistor: bovenste gedeelte van warmtepompconvector. Kleine overlapping.

EKHWS\*150\*  
EKHWS\*180\* + Product van derden met identieke specificaties als  
-EKHWS\*150\*



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Deze publicatie dient uitsluitend ter informatie en houdt geen bindend aanbod vanwege Daikin. Daikin heeft de inhoud van deze flyer met de grootste zorg samengesteld. Er wordt echter geen enkele expliciete of impliciete garantie geboden voor de volledigheid, nauwkeurigheid, betrouwbaarheid of geschiktheid voor een bepaald gebruiksdoel van de inhoud van deze flyer en de producten en diensten die erin worden beschreven. De specificaties kunnen zonder voorafgaande kennisgeving worden gewijzigd. Daikin wijst uitdrukkelijk iedere aansprakelijkheid af voor directe of indirecte schade in de ruimste betekenis, die zou voortvloeien uit of samenhangen met het gebruik en/of de interpretatie van deze flyer. De inhoud is onderworpen aan het auteursrecht van Daikin.