



Domestic hot
water production

A⁺

HYBRID
HOUSE by Airwell

Stainless steel tank

+ PRODUCT

- Excellent COP
- Small footprint
- Anti-legionella function
- No refrigerant handling

FEATURES



TFHW ELEO

Monoblock thermodynamic water heater



TFHW 120L



TFHW 190 L / 260 L

+ «SUSTAINABLE DEVELOPMENT»

- > High energy class A+.
- > High-performance product.
- > Product 3 to 4 times more economical than an electric tank.

+ «USER»

- > Perfect to replace an electric tank.
- > "Peak/Off peak" operation.

+ «INSTALLER»

- > Easy to install, thanks to its compact footprint.
- > Easy handling, thanks to its low weight < 80 kg.
- > Anti-scale protection: stainless steel tank + magnesium anode.

+ «TECHNOLOGY»

- > No risk of contamination following a refrigerant leak, thanks to the external exchanger.

See aeraulic accessories page 10.

TECHNICAL DATA

TFHW Eleo

INDOOR UNIT		TFHW-120H-03M25	TFHW-190H-03M25	TFHW-260H-03M25
Part number		7MB170001	7MB170002	7MB170003
Phase		Monophasé	Monophasé	Monophasé
AIR +7°C WATER 10/55°C				
Heating capacity	kW	1.25	1.25	1.25
Input power	kW	0.40	0.40	0.40
COP		3.15	3.15	3.15
AIR +15°C WATER 10/55°C				
Heating capacity	kW	1.50	1.50	1.50
Input power	kW	0.41	0.41	0.41
COP		3.70	3.70	3.70
ERP PERFORMANCE (AVERAGE CLIMATE)				
DHW profil		M	M	XL
Energy class		A+	A++	A+
Energetic efficiency	%	100	139	123
COP		2.55	3.21	3.01
Annual consumption	kWh	513	368	1359
Heat up time	h:mm	5:45	5:34	7:50
Standby power input	W	7.0	26.0	30.0
Reference hot water temperature	°C	52.3	52.0	52.0
Volume of mixed water at 40°C	l	192	277	350
ERP PERFORMANCE (WARMER CLIMATE)				
Energetic efficiency	%	100	153	141
Annual consumption	kWh	513	335	1185
ERP PERFORMANCE (COLDER CLIMATE)				
Energetic efficiency	%	100	104	95
Annual consumption	kWh	513	492	1721
SOUND LEVELS				
Sound pressure level (1m)	dB(A)	46	46	46
Sound power level	dB(A)	59	59	59
OPERATING RANGE				
Outdoor air temperature	°C	-7 / 43	-7 / 43	-7 / 43
Maximum water temperature	°C	70.0	70.0	70.0
REFRIGERATION CIRCUIT				
Refrigerant/GWP		R134a/1430	R134a/1430	R134a/1430
Factory charge	kg	0.85	0.85	0.85
POWER SUPPLY				
Phase/Voltage/Fréquence		1P/220-240/50Hz	1P/220-240/50Hz	1P/220-240/50Hz
Electric heater	kW	2	2	2
Power cable	mm²	3x2.5	3x2.5	3x2.5
Fuse breaker	A	16	16	16
DIMENSIONS				
Outline dimensions (HxØ)	mm	1310x568	1690x568	1950x568
Package dimensions (WxHxD)	mm	690x1410x690	690x1750x690	690x2070x690
Net weight/Gross weight	kg	62/68	69/80	76/90