Automatic fuel oil de-aerator Flow-Control 3/K-1 TÜV-tested

- **Trouble-free operation due to automatic de-aeration**
- **No unnoticed leakage in the return line**
- **Considerably increased fuel oil filter service life – the amount of oil drawn from the tank corresponds exactly to the oil actually burnt**
- **The suction line can usually have a smaller diameter**

"PROOFED BARRIER" if installed with vent hose

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Application

For single-line systems with return line in oil fired systems for continuous de-aeration. Suitable for the following media: fuel oil EL (DIN 51603-1) and diesel fuel (EN 590) as well as biofuel (EN 14213) and biodiesel (EN 14214) with max. 20 % FAME. Also for use in flood hazard areas. The danger of a leak in the return line going unnoticed is removed with Flow-Control. It is no longer necessary to regularly check the return line for leaks.

Description

Automatic fuel oil de-aerator consisting of a diecast zinc housing with female G¼ connection thread at the tank end and male G⅜ connection threads with 60° cone at the burner end for connection of the burner hoses. De-aerator hood made of transparent plastic. An oil hose with ball-shaped sealing for 60° cone and a G⅜ union nut is supplied for connection to the fuel oil filter. Watertight up to 10 m water column. All Flow-Control versions are TÜV-tested.

Flow-Control 3/K-1 (G¼) with G¼ female thread instead of G⅜ male thread

Technical specifications

Burner connection
G⅜ male with 60° cone for burner hose or G¼ female (part no. 69978)

Tank connection
G¼ female or oil hose G¼male x G$^{3/8}$ union nut for connection to filter

Nozzle capacity
Max. 100 l/h

Return flow
Max. 120 l/h

Separating capacity air/gas
Approx. 4 l/h

Mounting position
Float housing vertical to the top

Operating temperature range
Medium: Max. 60 °C
Ambient: Max. 60 °C

Operating overpressure
Max. 0.7 bar
corresponds to static oil column of approx. 8 m.

Test pressure
6 bar

Dimensions
W x H x D: 95 x 150 x 95 mm

Test
TÜV-tested (V132 2012 Z2)

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The devices must not be subjected to undiluted additives, alcohol and acids.

DG: G			Part no.	Price €
Flow-Control 3/K-1	1	25	**69930**	
Flow-Control 3/K-1 (G¼)	1	25	69978	