



Automatic fuel oil de-aerator FloCo-Top-1K TÜV-tested



- Fuel oil de-aerator, filter and shut-off valve in a single, compact unit.
- Safety system keeps oil foam from escaping

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 and biodiesel with max. 20 % FAME. Also for use in flood hazard areas.

Description Automatic fuel oil de-aerator, safety version, with integrated filter and shut-off valve. Metal zinc die cast with G $\frac{3}{8}$ connection thread at the tank end and male G $\frac{3}{8}$ connection threads at the burner end with female cone at the burner end to connect the burner hoses. The de-aerator hood is made of transparent plastic and features two separate float chambers. The lower float chamber contains the operating float; the upper float chamber contains the safety float. The upper safety float chamber keeps oil from escaping through the vent opening. In addition, it is possible to detect malfunctions in the de-aeration system. Watertight up to 10 m water column.

Technical specifications

Burner connection

G $\frac{3}{8}$ male with 60° cone for burner hoses

Tank connection

G $\frac{3}{8}$ female

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: 165 x 221 x 99 mm

Material

Housing: Zinc die cast

De-aerator hood: Transparent plastic

Filter cup: Transparent plastic

Approval

TÜV-tested (S 133 2013 E2)

Approval for construction products

Conformity certificate (ÜHP)

as per EN 12514-2

Scope of delivery

- Fuel oil de-aerators
- Bracket with mounting material
- Cover for connection of the vent hose