

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



Benefits


- Fuel oil de-aerator, filter and shut-off valve in a single, compact unit
- Safety system keeps oil foam from escaping
- PROOFED BARRIER if installed with vent hose
- Materials resistant to biofuel and biodiesel mixtures with max. 30 % FAME
- Green fuels ready: suitable for use at tank facilities filed with the new paraffinic fuels HVO or GTL
- Watertight up to 10 m water column - ideal for use in flood hazard areas



Application

For single-line systems with return line in oil-fired systems for continuous de-aeration. Suitable for fuel oil EL (DIN 51603-1), diesel fuel (EN 590), liquid fuels as per DIN SPEC 51603-6 and DIN/TS 51603-8 as well as biofuel and biodiesel with a maximum of 30 % FAME (EN 14214). This product is therefore ideal for all ecologically upgraded fuel oil consuming systems that use the new paraffinic fuels HVO or GTL as an admixture or 100 %. Also for use in flood hazard areas and flood risk areas.

Versions

	Filter	Part no.
 Fuel oil de-aerators FloCo-Top-1K Si	Sintered plastic sieve short, 50–70 µm	69960
<small>Blue part no. = in-stock items</small>		
		Part no.
Holder for FloCo-Top-1 series		69946
<small>Blue part no. = in-stock items</small>		

Description

Automatic fuel oil de-aerator, safety version, with integrated filter and shut-off valve. Zinc die cast housing with G $\frac{3}{8}$ female connection thread at the tank end and male G $\frac{3}{8}$ male connection threads at the burner end with female cone 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 float chamber keeps oil foam 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

Connection burner end

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

Connection tank

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

Test

TÜV-tested (S 556 2021 S1)

Approval

Conformity certificate (ÜHP) as per EN 12514

Scope of delivery

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