

# Fuel oil de-aerator FloCo-Top-2CM

NEW with improved ecological balance!



Improved ecological balance thanks to the plastic base housing: Reduced weight, robust and durable!



Video:



## Your benefits

- + Compact dual float safety system keeps oil foam from escaping
- + Drain system and drain valve for fast and clean filter and burner hose replacement
- + Backflow preventer with integrated pressure relief towards the tank
- + Vacuum gauge indicates when it is time to replace the filter
- + Optimised filter cup with thread and O ring seal
- + Reduced height facilitates installation if mounting space is limited
- + Easy installation with click system and AFRISO universal screw connection or standard screw connection
- + "PROOFED BARRIER" if installed with vent hose
- + Emergency operation of system and function test of anti-siphon valve possible via hose connection at drain valve

## 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 (draft) 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 suitable for use in flood hazard areas and flood risk areas.



## Description

Automatic fuel oil de-aerator, safety version, with integrated filter, lateral dual shut-off valve (can be operated from both sides) and vacuum gauge. Housing made of high-strength plastic with backflow preventer and integrated pressure relief towards the tank. Compact de-aerator hood made of transparent plastic with dual float safety system to keep oil foam from escaping via the de-aerator opening. The vent hose is connected at the side in an unobtrusive way. Accessories such as the angular connection pieces provide even more flexibility, e.g. a directly connection to the tank or the burner from above.

For venting, the oil is guided via the float chamber and is then added directly to the flow. In service mode, the vacuum gauge indicates the pump vacuum. The suction capacity of the burner pump can be checked with closed shut-off valve. Increased vacuum provides information on the degree of pollution of the filter. The pressure gauge can be rotated to any position so it is always easy to read, regardless of mounting position.

The drain system and the drain valve ensure that replacing the filter and burner hoses is easy and clean: Connect the hose, open the drain valve and drain the oil in a controlled way.

FloCo-Top-2CM is watertight up to 10 m water column.

The oil is de-aerated via the vent hose, the system remains odour-tight. Connection via supply air of the room air-independent ventilation of via the return supply of the tank withdrawal system Euroflex.

De-aerator unit with dual float safety system – keeps oil foam from escaping.

Backflow preventer with integrated pressure relief towards the tank.

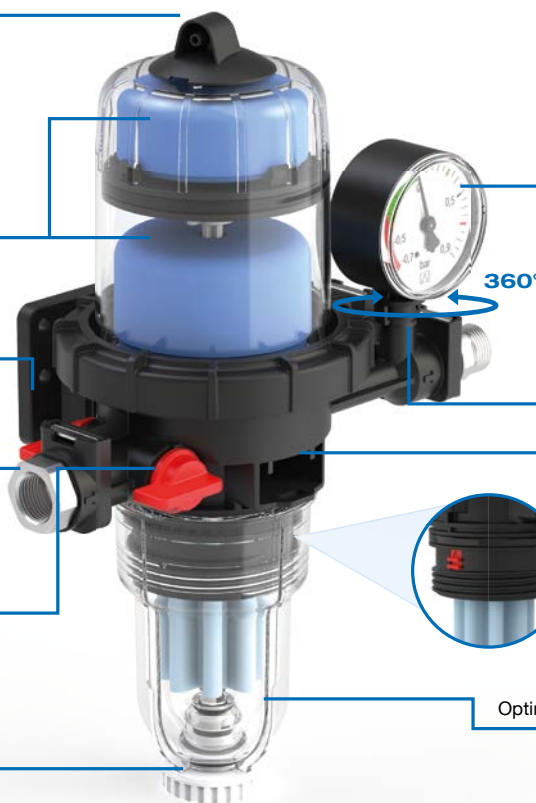
Pipe connection for universal compression fitting or stand screwed connection with threaded connection G<sup>3/8</sup>.

Lateral dual shut-off valve, can be operated from both sides for left or right mounting.

Drain valve with hose connection for fast, clean draining of the oil from the filter cup during filter replacement, emergency operation or connection of a tester for function test of the anti-siphon valve.

## Technical data

<b>Burner connection</b>	G <sup>3/8</sup> male with 60° cone for burner hoses
<b>Tank connection</b>	G <sup>3/8</sup> female
<b>Nozzle capacity</b>	Max. 100 l/h
<b>Return flow</b>	Max. 120 l/h
<b>Separating capacity air/gas</b>	Max. 4 l/h
<b>Mounting position</b>	Float housing vertical to the top
<b>Operating temperature range</b>	Medium/ambient: Max. 60 °C
<b>Operating overpressure</b>	Max. 0.7 bar (corresponds to static oil column of approx. 8 m)
<b>Test pressure</b>	6 bar
<b>Vacuum gauge</b>	Range: -0.7/+0.9 bar



Rotatable service indicator. It is easy to see when the filter needs to be changed. If the filter insert is polluted, the vacuum increases and the heating expert can be notified.

Robust base housing made of high-strength plastic.

Installation with click system.

Drain system for controlled discharging of the oil from the vent unit.

Optimised filter cup with thread and radial O ring seal.

Version	Filter surface	Part no.
<b>FloCo-Top-2CM Si</b> , sintered plastic sieve short, 50 µm	115 cm <sup>2</sup>	<b>70156</b>
<b>FloCo-Top-2CM MS-5</b> , MS-5 short, 20–35 µm	500 cm <sup>2</sup>	<b>70159</b>
<b>FloCo-Top-2CM Optimum</b> , MC-18 Opticlean MC-18 long, 5–20 µm	1,850 cm <sup>2</sup>	<b>70158</b>
Version without pressure gauge/drain valve:		
<b>FloCo-Top-1C Si</b> , Sintered plastic sieve short, 50 µm	115 cm <sup>3</sup>	<b>70155</b>
Accessories		
<b>Angular connection pieces 90°</b>	---	70035

Your dealer

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