

Dual-line filter for fuel oil



Benefits

- Shut-off valve in the flow line
- Noiseless integrated check valve keeps the oil column in the suction line from being interrupted when the burner is off
- Impact-resistant, shock-resistant and transparent plastic filter cup
- Pipe connection via universal screw connection for pipes with \varnothing 8/10 mm
- Proofed Barrier (odour-tight)
- Green fuels ready: suitable for use at tank facilities filled with the new paraffinic fuels HVO or GTL
- Watertight up to 10 m water column - ideal for use in flood hazard areas



Application

For dual-line systems. 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. 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

| | Connection | | Filter | Oil throughput at $\Delta p=100$ mbar | Part no. |
|---|---------------------------|---------------------------|---|---------------------------------------|----------|
| | Tank | Burner | | | |
| Dual-line filter Z 500 Si 50–70 μ m | 2x G $\frac{3}{8}$ female | 2x G $\frac{3}{8}$ male | Sintered plastic sieve short, 50–70 μ m | 200 l/h | 20429 |
| Dual-line filter Z 500 St 100 μ m | 2x G $\frac{3}{8}$ female | 2x G $\frac{3}{8}$ male | Stainless steel sieve, 100 μ m | 220 l/h | 20425 |
| Dual-line filter Z 1/2 500 Si 50–70 μ m | 2x G $\frac{1}{2}$ female | 2x G $\frac{1}{2}$ female | Sintered plastic sieve short, 50–70 μ m | 310 l/h | 20480 |

Blue part no. = in-stock items

Description

Brass filter housing, filter cup made of transparent, impact-resistant plastic. With check valve in the return line and shut-off valve in the flow line. Universal compression fittings for pipes with 8/10 mm outside diameters included. Watertight up to 10 m water column.



Technical specifications

Connection burner end

See ordering table

Connection tank

See ordering table

Mounting position

Filter cup vertically down

Operating temperature range

Medium: Max. 40 °C

Operating overpressure

(suction mode only)

Material

Housing: Brass

Filter cup: Plastic, transparent and impact-resistant

Approval

Conformity certificate (ÜHP) as per EN 12514