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 Ø 8/10 mm
- Proofed Barrier (odour-tight)
- 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 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 Δp=100 mbar	Part no.
	Tank	Burner			
Dual-line filter Z 500 Si 50–70 µm	2x G⅜ female	2x G⅜ male	Sintered plastic sieve short, 50–70 µm	200 l/h	20429
Dual-line filter Z 500 St 100 µm	2x G⅜ female	2x G⅜ male	Stainless steel sieve, 100 µm	220 l/h	20425
Dual-line filter Z 1/2 500 Si 50–70 µm	2x G½ female	2x G½ female	Sintered plastic sieve short, 50–70 µm	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