



## 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 $\mu$ m	2x G $\frac{3}{8}$ female	2x G $\frac{3}{8}$ male	Sintered plastic sieve short, 50–70 $\mu$ m	200 l/h	20429
Dual-line filter Z 500 St 100 $\mu$ m	2x G $\frac{3}{8}$ female	2x G $\frac{3}{8}$ male	Stainless steel sieve, 100 $\mu$ m	220 l/h	20425
Dual-line filter Z 1/2 500 Si 50–70 $\mu$ m	2x G $\frac{1}{2}$ female	2x G $\frac{1}{2}$ female	Sintered plastic sieve short, 50–70 $\mu$ 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