



## Single line filters R 500 St

Part no. 20283

Single line filters for fuel oil

### benefits

- shut-off valve in the flow line
- vent valve with hose connector in the return line (R 500)
- impact-resistant, shock-resistant and transparent plastic filter cup
- pipe connection via universal screw connection for pipes with  $\varnothing$  8/10 mm
- materials resistant to biofuel and biodiesel mixtures with max. 30 % FAME
- Proofed Barrier (odour-tight)
- watertight up to 10 m water column - ideal for use in flood hazard areas
- green fuels ready: suitable for use at tank facilities filled with the new paraffinic fuels HVO or GTL

### Application

For single-line systems with return line (version R 500) or without return line (version V 500). 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.

### Description

Brass filter housing, filter cup made of transparent, impact-resistant plastic. With shut-off valve in the flow line. Version R 500 also features a vent valve with hose connector in the return 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

**Versions**

		Connection		Filter	oil throughput at $\Delta p=100$ m- bar		Part no.
		Tank	Burner				
Single line fil- ters R 500 St	100 $\mu$ m	1x G $\frac{3}{8}$ female	2x G $\frac{3}{8}$ male	stainless steel sieve, 100 $\mu$ m	250 l/h	●	20283

● in-stock items

● Non-stock items