

Single line filters R 500 Si

Part no. 20281

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 Ø 8/10 mm
- materials resistant to biofuel and biodiesel mixtures with max. 30 % FAME
- watertight up to 10 m water column - ideal for use in flood hazard areas
- green fuels ready: suitable for use at tank facilities filed 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 Δp=100 m-bar		Part no.
		Tank	Burner				
Single line filters R 500 Si	50–70 µm	1x G⅜ female	2x G⅜ male	sintered plastic sieve short, 50–70 µm	210 l/h	●	20281

● in-stock items

○ Non-stock items