Single line filters for fuel oil

Benefits

- Shut-off valve in the flow line
- Vent valve with hose connector in the return line
- 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. 20 % FAME
- Proofed Barrier (odour-tight)
- Watertight up to 10 m water column - ideal for use in flood hazard areas

Application

For single-line systems with return line. Suitable for the following media: fuel oil EL (DIN 51603-1), diesel fuel (EN 590), biofuel and biodiesel with max. 20 % FAME.

Versions

<table>
<thead>
<tr>
<th>Connection</th>
<th>Filter</th>
<th>Oil throughput at ∆p=100 mbar</th>
<th>Part no.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Tank</td>
<td>Burner</td>
<td></td>
<td>Blue part no. = in-stock items</td>
</tr>
<tr>
<td>Single line filters R 500 Fi 50–75 µm</td>
<td>1x G% female</td>
<td>2x G% male</td>
<td>Felt sieve, 50–75 µm</td>
</tr>
<tr>
<td>Single line filters R 500 Si 50–70 µm</td>
<td>1x G% female</td>
<td>2x G% male</td>
<td>Sintered plastic sieve short, 50–70 µm</td>
</tr>
<tr>
<td>Single line filters R 500 St 100 µm</td>
<td>1x G% female</td>
<td>2x G% male</td>
<td>Stainless steel sieve, 100 µm</td>
</tr>
<tr>
<td>Single line filters V 500 Si 50–70 µm</td>
<td>1x G% female</td>
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<tr>
<td>Single line filters V 1/2 500 Si 50–70 µm</td>
<td>1x G% female</td>
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<td>Sintered plastic sieve short, 50–70 µm</td>
</tr>
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</tbody>
</table>

Description

Brass filter housing, filter cup made of transparent, impact-resistant plastic. With shut-off valve in the flow line, vent valve with hose connector in the return line. Universal compression fittings for pipes with 8/10 mm outside diameters included.
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

Test
TÜV-tested (S 8 2015 T6)

Approval for construction products
Conformity certificate (ÜHP) as per EN 12514-2