Single filter OV provides a cost-effective method of protecting pipeline equipment, cleaning liquids or salvaging valuable solids. Incorporated are a number of special features and optional extras. The filter is of cast construction and is supplied with one high quality stainless steel cylindrical basket. It is used in liquid handling installations where the flow can be shut off for short periods to allow the removal of the basket for cleaning.

**Main Features**
- High quality 316 grade stainless steel basket with large filtration areas resulting in low pressure drops.
- Compact design for space saving.
- Working pressures up to 50 bar (A300 Series).
- Quick release filter covers and knobs for easy maintenance.

**Options**
- Range of extras allowing filter to be customised.
- Available in cast iron, cast steel, gunmetal (bronze) or stainless steel.
- Visual/Electrical differential pressure indicators are available.
- Magnetic columns (pre-magnetic filtration).

**Specifications**

<table>
<thead>
<tr>
<th></th>
<th>OV</th>
<th>OV/S</th>
<th>OV/GM</th>
<th>OV/SS</th>
<th>OV/S &amp; SS A300 SERIES</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Body &amp; Cover Material</strong></td>
<td>CAST IRON EN1561/EN-JL 1030</td>
<td>CAST STEEL EN10213-2/1.0625</td>
<td>GUNMETAL (BRONZE) BS 1400 GRADE LG4C</td>
<td>STAINLESS STEEL BS 1504 316 C16</td>
<td>CAST STEEL EN10213-2/1.0625 (S)</td>
</tr>
<tr>
<td><strong>Maximum Working Pressure</strong></td>
<td>17 BAR AT 50°C</td>
<td>22 BAR AT 50°C</td>
<td>22 BAR AT 50°C *)</td>
<td>22 BAR AT 50°C</td>
<td>50 BAR AT 50°C (S)</td>
</tr>
<tr>
<td><strong>Baskets</strong></td>
<td>STAINLESS STEEL — BASKET &amp; MESH LINING BS1449 GRADE 316</td>
<td>STAINLESS STEEL</td>
<td>STAINLESS STEEL</td>
<td>STAINLESS STEEL</td>
<td>STAINLESS STEEL</td>
</tr>
<tr>
<td><strong>DRAIN PLUG</strong></td>
<td>BRASS</td>
<td>STAINLESS STEEL</td>
<td>GUNMETAL (BRONZE)</td>
<td>STAINLESS STEEL</td>
<td>STAINLESS STEEL</td>
</tr>
<tr>
<td><strong>VENT</strong></td>
<td>STAINLESS STEEL</td>
<td>STAINLESS STEEL</td>
<td>PHOSPHOR BRONZE</td>
<td>STAINLESS STEEL</td>
<td>STAINLESS STEEL</td>
</tr>
<tr>
<td><strong>Standard Seals</strong></td>
<td>VITON® (-20°C TO +200°C)</td>
<td>VITON®</td>
<td>VITON®</td>
<td>VITON®</td>
<td>VITON®</td>
</tr>
<tr>
<td><strong>Body Colour</strong></td>
<td>BLUE</td>
<td>SILVER</td>
<td>NATURAL</td>
<td>NATURAL</td>
<td>SILVER (S) / NATURAL (SS)</td>
</tr>
</tbody>
</table>

*) Gunmetal (bronze) DN 20, 25 & 40 filters are rated at 13.8 bar at 50°C. DN 200 & DN 250 filters are rated at 13.8 bar at 50°C (Standard Range).

Viton is a registered trademark of DuPont Performance Elastomers.

Please note
1. These specifications refer to standard products only. Other materials for bodies (e.g. monel, hastelloy) and seals (e.g. Nitrile, EP, PTFE) are available on request.
2. Higher pressures are available up to 50 bar.
3. Working pressure is stated at 50°C. To verify suitability of this equipment above this temperature or below 0°C, please contact us for more information.
4. Whilst alternative seal materials e.g. Nitrile, EP, PTFE are available and can be used to offer a wide range of chemical compatibility and working temperatures up to 260°C, it is recommended that such applications are again discussed with us.
For more information about our worldwide locations, approvals, certifications, and local representatives, please visit www.spx.com and www.airpelfilters.com.

SPX Corporation reserves the right to incorporate our latest design and material changes without notice or obligation. Design features, materials of construction and dimensional data, as described in this bulletin, are provided for your information only and should not be relied upon unless confirmed in writing.

ISSUED 05/2012 A120-EN
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