Self Cleaning Filter
High Pressure Range
Models 200HP, 300HP, 400HP, 600HP, 800HP, 1000HP, 1200HP
Sizes 40mm (1 1/2”) - 300mm (12”)

Manual & Automatic
The High Pressure range of self cleaning filters have been successfully applied in many difficult liquid handling installations throughout the world.

Main Features
- Continuous Filtration - No interruption to flow during cleaning process
- Minimal amount of liquid loss during cleaning process
- Suitable for practically all liquids including those of high viscosity
- Filtration levels down to 25 micron
- Integral cast construction
- Maximum working pressure 35 bar at 50°C
- Maximum working temperature 260°C (dependent on seal material)
- Available in cast iron, SG iron, cast steel, stainless steel or gun metal
- High quality 316 stainless steel wound wedge wire or perforated element

Options
- Range of automated control devices available
- Heating jackets

Please note
1  Working pressure is stated at 50°C. To verify suitability of this equipment above this temperature or below 0°C, please contact our Technical Sales Team.
2  Whilst alternative seal materials e.g. 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 our Technical Sales Team.
## Flanged Filters (sizes in mm)

<table>
<thead>
<tr>
<th>Model</th>
<th>A Pipe Size</th>
<th>B</th>
<th>C</th>
<th>D</th>
<th>E</th>
<th>F</th>
<th>G</th>
<th>H</th>
<th>J</th>
<th>K</th>
<th>L</th>
<th>M</th>
<th>N</th>
<th>P</th>
<th>R</th>
<th>S</th>
<th>Weight Manual (kg)</th>
<th>Weight Auto (kg)</th>
</tr>
</thead>
<tbody>
<tr>
<td>200</td>
<td>32(1(1/4))</td>
<td>270</td>
<td>150</td>
<td>195</td>
<td>413</td>
<td>150</td>
<td>325</td>
<td>115</td>
<td>185</td>
<td>540</td>
<td>150</td>
<td>124</td>
<td>110</td>
<td>1&quot;BSP</td>
<td>165</td>
<td>25</td>
<td>36kg</td>
<td>44kg</td>
</tr>
<tr>
<td>300</td>
<td>80(3&quot;)</td>
<td>360</td>
<td>210</td>
<td>230</td>
<td>560</td>
<td>180</td>
<td>430</td>
<td>140</td>
<td>185</td>
<td>575</td>
<td>180</td>
<td>124</td>
<td>142</td>
<td>2&quot;BSP</td>
<td>210</td>
<td>22</td>
<td>60kg</td>
<td>68kg</td>
</tr>
<tr>
<td>400</td>
<td>100(4&quot;)</td>
<td>550</td>
<td>315</td>
<td>435</td>
<td>1115</td>
<td>340</td>
<td>665</td>
<td>235</td>
<td>285</td>
<td>880</td>
<td>332</td>
<td>—</td>
<td>142</td>
<td>2&quot;BSP</td>
<td>254</td>
<td>30</td>
<td>164kg</td>
<td>On req.</td>
</tr>
<tr>
<td>600</td>
<td>150(6&quot;)</td>
<td>550</td>
<td>315</td>
<td>435</td>
<td>1550</td>
<td>340</td>
<td>1165</td>
<td>235</td>
<td>285</td>
<td>880</td>
<td>332</td>
<td>—</td>
<td>142</td>
<td>2&quot;BSP</td>
<td>318</td>
<td>35</td>
<td>182kg</td>
<td>On req.</td>
</tr>
</tbody>
</table>

Models 800-1200 units are available as fabricated units comprising of multiple model 600 elements which are subject to process conditions. Please contact our Technical Sales Team for further information on these products.

* The Model 200, 32mm — 50mm size units, also available in screwed version. Larger sizes upon request.

### Model 400, 600

![Model 400, 600 Diagram]

### Model 200, 300

![Model 200, 300 Diagram]

### Connections Model 200 only

![Connections Model 200 only Diagram]