JUDO backwash filters

- Manual or fully automatic screen cleaning by timer control of 24 hr, weekly, monthly, and 2 monthly
- Efficient screen cleaning with rotating arms
- Standard 100 micron stainless steel screen
- No interruption to water flow during screen cleaning
- Can be mounted in vertical or horizontal pipe runs
- Relies on pressure not flow for backwash
- Degree of dirt build up can be easily seen through the viewing glass.

Compact
Minimum installation disruption

Automatic or Manual Operation
To suit site and budget

Quality guaranteed
German design and manufacture

JUDO JSY Series 20mm, 25mm, 32mm

<table>
<thead>
<tr>
<th>Backwash options</th>
<th>JSY 20mm</th>
<th>JSY 25mm</th>
<th>JSY 32mm</th>
</tr>
</thead>
<tbody>
<tr>
<td>Manual</td>
<td>JSY-LF 20mm (3/4&quot;)</td>
<td>JSY-LF 25mm(1&quot;)</td>
<td>JSY-LF 32mm (1¼&quot;)</td>
</tr>
<tr>
<td></td>
<td>P/N 8070568</td>
<td>P/N 8070569</td>
<td>P/N 8070570</td>
</tr>
<tr>
<td>Timer control</td>
<td>JSY-LF-A 20mm (3/4&quot;)</td>
<td>JSY-LF-A 25mm (1&quot;)</td>
<td>JSY-LF-A 32mm (1½&quot;)</td>
</tr>
<tr>
<td>with VOLT free contacts</td>
<td>P/N 8070571</td>
<td>P/N 8070666</td>
<td>P/N 8070667</td>
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</tbody>
</table>
### JUDO JSY Series 20mm, 25mm, 32mm

#### Specifications

<table>
<thead>
<tr>
<th></th>
<th>JSY 20mm (3/4&quot;)</th>
<th>JSY 25mm (1&quot;)</th>
<th>JSY 32mm (1¼&quot;)</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Maximum flow rate</strong></td>
<td>55 l/m - 0.91 l/sec</td>
<td>75 l/m - 1.25 l/sec</td>
<td>90 l/m - 1.50 l/sec</td>
</tr>
<tr>
<td><strong>Maximum pressure</strong></td>
<td>1000 kpa</td>
<td>1000 kpa</td>
<td>1000 kpa</td>
</tr>
<tr>
<td><strong>Minimum pressure</strong></td>
<td>200 kpa</td>
<td>200 kpa</td>
<td>200 kpa</td>
</tr>
<tr>
<td><strong>Inlet / Outlet size</strong></td>
<td>¾” (20mm) BPSM</td>
<td>1” (25mm) BPSM</td>
<td>1¼” (32mm) BPSM</td>
</tr>
<tr>
<td><strong>Screen surface area</strong></td>
<td>85 cm²</td>
<td>85 cm²</td>
<td>85 cm²</td>
</tr>
<tr>
<td><strong>Maximum temperature</strong></td>
<td>30°C</td>
<td>30°C</td>
<td>30°C</td>
</tr>
<tr>
<td><strong>Weight</strong></td>
<td>2.5 kg</td>
<td>2.6 kg</td>
<td>3.0 kg</td>
</tr>
<tr>
<td><strong>Backwash time</strong></td>
<td>40 seconds</td>
<td>40 seconds</td>
<td>40 seconds</td>
</tr>
<tr>
<td><strong>Backwash flow rate</strong></td>
<td>0.3 l/sec</td>
<td>0.3 l/sec</td>
<td>0.3 l/sec</td>
</tr>
<tr>
<td><strong>Backwash volume</strong></td>
<td>12 litres</td>
<td>12 litres</td>
<td>12 litres</td>
</tr>
<tr>
<td><strong>Power requirements</strong></td>
<td>10 amp GPO</td>
<td>10 amp GPO</td>
<td>10 amp GPO</td>
</tr>
<tr>
<td><strong>Screen sizes available</strong></td>
<td>100 (Standard)</td>
<td>100 (Standard)</td>
<td>100 (Standard)</td>
</tr>
</tbody>
</table>

#### Installed dimensions (mm)

<table>
<thead>
<tr>
<th>JSY-LF Series</th>
<th>20mm</th>
<th>25mm</th>
<th>32mm</th>
</tr>
</thead>
<tbody>
<tr>
<td>A = Fitting length</td>
<td>180</td>
<td>195</td>
<td>230</td>
</tr>
<tr>
<td>B = Unit width</td>
<td>82</td>
<td>75</td>
<td>71</td>
</tr>
<tr>
<td>C = Height above pipe centre</td>
<td>306</td>
<td>313</td>
<td>317</td>
</tr>
<tr>
<td>D = Height below pipe centre</td>
<td>108</td>
<td>108</td>
<td>108</td>
</tr>
<tr>
<td>E = Depth to pipe centre</td>
<td>38</td>
<td>38</td>
<td>38</td>
</tr>
</tbody>
</table>