Filtration Technology Ltd
www.filtec.co.nz

FILTEC Automatic Valveless Gravity (AVG) Filters

General Specifications

<table>
<thead>
<tr>
<th>Filtration Rate</th>
<th>2.5 L/sec/m² - 9m³/hr/m²</th>
</tr>
</thead>
<tbody>
<tr>
<td>Backwash Rate</td>
<td>15 to 7 mm/sec (10 L/sec/m² average)</td>
</tr>
</tbody>
</table>

Features

- Automatic operation, No valves nor backwash pump required
- Backwashes automatically, or by manual initiation
- The Control Module provides all hydraulic functions of the filter inlet, backwash initiation and the wash cycle

Operation

- Whenever suspended matter removed by the filterbed causes pressure loss to reach a predetermined level, backwash starts automatically
- Flow reverses automatically at end of backwash; during rinse cycle the backwash tank refills and the filter returns to service
- Raw water flow to the plant is not interrupted

Standard Filters

<table>
<thead>
<tr>
<th>Model No.</th>
<th>Design Flow</th>
<th>Foot Print</th>
<th>Inlet Dia</th>
<th>Filter Media Volume m³</th>
<th>Wash Water Volume m³</th>
<th>Shipping - tonnes</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>l/s m³/hr usgpm</td>
<td>m</td>
<td>mm</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>11</td>
<td>2.2</td>
<td>8</td>
<td>35</td>
<td>1.5 x 2.4</td>
<td>65</td>
<td>0.6</td>
</tr>
<tr>
<td>15</td>
<td>5</td>
<td>17</td>
<td>75</td>
<td>1.9 x 2.8</td>
<td>80</td>
<td>1.1</td>
</tr>
<tr>
<td>19</td>
<td>7</td>
<td>25</td>
<td>110</td>
<td>2.3 x 3.2</td>
<td>100</td>
<td>1.8</td>
</tr>
<tr>
<td>27</td>
<td>14</td>
<td>50</td>
<td>220</td>
<td>3.1 x 4.1</td>
<td>150</td>
<td>3.4</td>
</tr>
<tr>
<td>33</td>
<td>21</td>
<td>75</td>
<td>330</td>
<td>3.7 x 4.8</td>
<td>150</td>
<td>5.0</td>
</tr>
<tr>
<td>38</td>
<td>28</td>
<td>100</td>
<td>440</td>
<td>4.2 x 5.4</td>
<td>200</td>
<td>7.0</td>
</tr>
<tr>
<td>42</td>
<td>35</td>
<td>125</td>
<td>550</td>
<td>4.6 x 6.0</td>
<td>200</td>
<td>9.0</td>
</tr>
</tbody>
</table>

Note: Multiple filter arrangements often installed to give production flexibility
All data quoted above subject to confirmation with each individual plant proposal offered

For more information, or enquiries please email: info@filtec.co.nz, or phone: 09 274 4223

Filtration Technology Ltd www.filtec.co.nz

Auckland
36 Sir William Avenue,
East Tamaki, Manukau 2013, NZ
PO Box 58-853, Botany, Manukau 2163
Telephone: 0-9-274 4223
Facsimile: 0-9-274 4224
Email: info@filtec.co.nz

Wellington
Unit 4, 98 Main Road, Tawa,
PO Box 51-261, Tawa
Wellington 5249, NZ
Telephone: 0-4-232 2402
Facsimile: 0-4-232 2403
Email: filtecwn@filtec.co.nz

Dunedin
Kaikorai Valley Road,
PO Box 13-122, Green Island,
Dunedin 9052, NZ
Telephone: 0-3-488 6200
Facsimile: 0-3-488 6300