GLACIER FILTRATION
Lama Manual Screen Filters,
CENTRIFUGAL Range.
Glacier Filtration are the Australasian Agents for Lama Screen Filtration products, covering Australia and New Zealand.

The CENTRIFUGAL Range of Manual Screen Filters are suited for water containing suspended sand and particles.

Filtration occurs by the physical retention of particles larger than the apertures of the stainless steel heat-welded screen.

The Centrifugal Screen Filters remove suspended particles from the water flow with the centrifugal effect caused by the specially designed inlet to the filter cartridge. A set of rubber plugs are supplied with each unit in order to generate a loss of load in the filter of 5 M.C.A.

FEATURES
- 7.8 Bar Operating Pressure
- Manual Screen Filter
- Easy to open & clean
- Threaded or Flanged connections available
- Capacities from 25m³/h – 850m³/h
- 15 Bar Operating Pressure options
- Screen Apertures from 10 – 3000 micron

CONSTRUCTION
Body: Stainless Steel and Carbon Steel
Joints: Synthetic rubber nitrile 60° Shore
Screws: Zinc-plated weather resistant
Crosshead: Stainless Steel AISI 316L

FILTERING ELEMENT
Stainless Steel heat-welded screen in a PVC tubular structure. Standard screens are 0.115mm and also are available from 3mm to 0.01mm.

EXTERIOR SURFACE TREATMENT
The steel elements are treated internally and externally with phosphate and an impregnation of Amonite. Elements are then painted by electrostatic spraying powder paint and epoxy polyester.

CLEANING
The cartridge is cleaned manually. After the cartridge is removed from the filter it can be cleaned by spraying with water or with the help of a bristle brush.
# Centrifugal Screen Filters Data Sheet

## Model Specifications

<table>
<thead>
<tr>
<th>Model</th>
<th>Flow (m³/h)</th>
<th>A</th>
<th>B (mm)</th>
<th>C (mm)</th>
<th>D (mm)</th>
<th>E (mm)</th>
<th>F</th>
<th>Filtration Surface (cm²)</th>
</tr>
</thead>
<tbody>
<tr>
<td>GF-FCY2</td>
<td>22</td>
<td>2” Thread M</td>
<td>450</td>
<td>165</td>
<td>660</td>
<td>560</td>
<td>¾”</td>
<td>1.071</td>
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<tr>
<td>GF-FCY3</td>
<td>37.7</td>
<td>3” Flange</td>
<td>500</td>
<td>165</td>
<td>825</td>
<td>570</td>
<td>¾”</td>
<td>1.590</td>
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<tr>
<td>GF-FC4C</td>
<td>73.50</td>
<td>4” Flange</td>
<td>700</td>
<td>219</td>
<td>840</td>
<td>575</td>
<td>¾”</td>
<td>2.312</td>
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<td>GF-FC5Y</td>
<td>73.50</td>
<td>5” Flange</td>
<td>700</td>
<td>250</td>
<td>990</td>
<td>650</td>
<td>¾”</td>
<td>3.116</td>
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<tr>
<td>GF-FCY6</td>
<td>148</td>
<td>6” Flange</td>
<td>730</td>
<td>320</td>
<td>995</td>
<td>900</td>
<td>¾”</td>
<td>5.404</td>
</tr>
</tbody>
</table>

**Flow Pressure Differential 0.5 kg/cm²**

### Model GF-FCY2
- Qn = 25.00 m³/h
- Qn = 22.50 m³/h
- Qn = 18.00 m³/h
- Qn = 15.00 m³/h
- Qn = 12.50 m³/h
- Qn = 10.00 m³/h
- Qn = 7.50 m³/h
- Qn = 5.00 m³/h
- Qn = 2.50 m³/h
- Qn = 1.00 m³/h

### Model GF-FCY3
- Qn = 37.70 m³/h
- Qn = 33.00 m³/h
- Qn = 31.00 m³/h
- Qn = 28.00 m³/h
- Qn = 26.00 m³/h
- Qn = 23.00 m³/h
- Qn = 19.00 m³/h
- Qn = 15.00 m³/h
- Qn = 10.00 m³/h
- Qn = 5.00 m³/h

### Models GF-FC4C – GF-FCY5
- Qn = 13.50 m³/h
- Qn = 11.50 m³/h
- Qn = 10.00 m³/h
- Qn = 8.50 m³/h
- Qn = 7.00 m³/h
- Qn = 5.50 m³/h
- Qn = 4.50 m³/h
- Qn = 3.50 m³/h
- Qn = 2.50 m³/h
- Qn = 1.50 m³/h

### Model GF-FCY6
- Qn = 148.00 m³/h
- Qn = 134.00 m³/h
- Qn = 122.40 m³/h
- Qn = 108.00 m³/h
- Qn = 96.00 m³/h
- Qn = 81.60 m³/h
- Qn = 66.80 m³/h
- Qn = 53.60 m³/h
- Qn = 39.20 m³/h
- Qn = 26.80 m³/h
- Qn = 14.70 m³/h
- Qn = 7.00 m³/h