Maelstrom™

A breakthrough in rain harvesting technology

RAIN HARVESTING
by Blue Mountain Co
Raising Rainwater to Entirely New Levels

Maelstrom, the most advanced filter we have ever made, sets a new standard in pre-tank rainwater filtering.

**Cleaner**
Maelstrom’s ultra-fine 180 micron filter removes particles 5 times smaller than standard rain-head and tank screens.

**Faster**
Even at rapid flow rates of 36,000 Liters (9,510gal) per Hour, Maelstrom retains 96% water catchment efficiency.

**Higher**
Filtering multiple lines at a single point is a simple way to keep tanks filled to the max.

International patent pending
(PCT/AU2016/050463)
How It Works

1. Rainwater from gutters flow into the U-shaped filter

2. The first .08” (2mm) filter diverts leaves and other larger debris

3. The second, ultra-fine 180 micron filter stops even finer particles

4. During major rain events, overflow helps flush-out leaves and debris

5. A final .04” (1mm) screen prevents mosquitoes entering tanks to breed

6. The filtered water is funneled through the base into the tank
Suitable for just about anywhere

It tackles the big issues.
Maelstrom plays a major role in tackling some of the biggest issues facing rain harvesters like:

- Having enough water
- Filtering leaves and debris
- Removing suspended particles
- Securing the tank to keep out pests, including mosquitoes, and sunlight, to prevent algae growth
- Easy maintenance

Easy install on systems new & old

The Maelstrom is compatible with all standard rain harvesting set-ups including:

- Tank Top
- In-Tank
- In-Ground
- Wall Mounted

Insist on a clear, colorless, odorless and plentiful rain water supply.

For more information, call us at:
800-654-9283
## Specifications

<table>
<thead>
<tr>
<th>Component</th>
<th>Specification</th>
<th>Material</th>
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</thead>
<tbody>
<tr>
<td>Primary Filter</td>
<td>.08” (2mm) Aperture, Polypropylene</td>
<td></td>
</tr>
<tr>
<td>Secondary Filter</td>
<td>180μm (.18mm) Aperture, Nylon</td>
<td></td>
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<tr>
<td>Mosquito Proof Screen</td>
<td>0.04” (1mm) Aperture, SS316</td>
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<tr>
<td>Inlet &amp; Outlet Pipe Size</td>
<td>DN100 4” (110mm) OD</td>
<td></td>
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<tr>
<td>Coupling</td>
<td>Flexible, EPDM</td>
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<tr>
<td>Body &amp; Base Plate</td>
<td>ABS, Polypropylene</td>
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### Performance Data

<table>
<thead>
<tr>
<th>Water Catchment Efficiency at 1.32 gal (5L) / second*</th>
<th>99%</th>
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</thead>
<tbody>
<tr>
<td>Water Catchment Efficiency at 2.64 gal (10L) / second*</td>
<td>96%</td>
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</table>

*For wet/charged system configuration with clean water flow