Waterco’s award winning MultiCyclone is a brilliant pre-filtration device that works on the basis of centrifugal water filtration and is designed with no moving parts and no filter media to clean or replace.

- Minimises filter maintenance and saves water
- No filter media to clean or replace
- Suitable for new and existing installations
- 2 year warranty

www.waterco.com
Ease filter workload

MultiCyclone pre-filters up to 80% of the filter’s incoming dirt load easing the workload of the swimming pool filter. As the MultiCyclone intercepts more and more dirt, the flow rate remains unchanged.

✔ Improving pool water circulation
✔ Enhancing the performance of the automatic pool cleaner and in floor cleaning system
✔ Allowing effective pool vacuuming without burdening the pool filter
✔ Minimising filter maintenance and saving water

Minimise backwash frequency

The installation of a MultiCyclone as a pre-filter to a sand filter can reduce its backwash frequency to once per year, resulting in a saving of up to 7,000 litres of water per year for an average domestic sized swimming pool.

Minimise cartridge cleaning and replacement

The installation of a MultiCyclone as a pre-filter to a cartridge filter can reduce filter cartridge cleaning and replacement to once per swimming season and even up to once per year, depending on the size of the cartridge filter.
Centrifugal water filtration
The MultiCyclone works on the basis of centrifugal water filtration. There are no moving parts to wear and tear, and no filter media to clean or replace.

i. Incoming water enters 16 hydro cyclones tangentially, generating a strong centrifugal effect.

ii. The sediment is spun out to the hydro cyclone’s wall, and then spirals down to the sediment chamber*.

iii. The filtered water migrates towards the centre of the hydro cyclone where the flow reverses and spirals upwards through the outlet.

iv. Accumulation of sediment can be visibly monitored through the MultiCyclone’s clear sediment chamber.

*Note: The MultiCyclone is designed to filter sediment that is heavier than water, floating debris cannot be filtered out by centrifugal filtration.

Specifications

<table>
<thead>
<tr>
<th>Model</th>
<th>Connection Ports</th>
<th>Minimum Flow</th>
<th>Maximum Flow</th>
<th>Maximum Pressure</th>
</tr>
</thead>
<tbody>
<tr>
<td>MultiCyclone 16</td>
<td>50mm / 2” quick fit unions</td>
<td>50lpm / 3m³/hr</td>
<td>500lpm / 30m³/hr</td>
<td>350 kPa (50psi)</td>
</tr>
</tbody>
</table>
In the interest of providing better quality and value we are constantly improving and updating our products. Consequently, pictures and information on our brochures may sometimes vary slightly from models available.

**Warranty**

MultiCyclone is covered by a 2 year warranty and 1 year warranty on labour. Commercial installations are covered by a 1 year warranty.

*Note: When a Waterco Multicyclone Centrifugal Water Filter is installed within a swimming pool filtration system it is strongly recommended that no granular pool chemicals are added to the pool water through the pool skimmer box, unless there is the option to bypass the Multicyclone.*

*Note: All pool chemical or additives are to be added to the pool water as instructed by the manufacturer’s procedures, only.*

**Dimensions (mm/in)**

<table>
<thead>
<tr>
<th>Head Loss (kPa/ps)</th>
<th>Flow (lpm/gpm)</th>
</tr>
</thead>
<tbody>
<tr>
<td>22 / 2.9</td>
<td>0 / 0</td>
</tr>
<tr>
<td>40 / 5.8</td>
<td>100 / 100</td>
</tr>
<tr>
<td>60 / 8.7</td>
<td>26.4 / 26.4</td>
</tr>
<tr>
<td>80 / 11.6</td>
<td>52.8 / 52.8</td>
</tr>
<tr>
<td>100 / 14.5</td>
<td>79.25 / 79.25</td>
</tr>
<tr>
<td>120 / 15.8</td>
<td>105.6 / 105.6</td>
</tr>
<tr>
<td>140 / 18.2</td>
<td>132 / 132</td>
</tr>
</tbody>
</table>

- **Head Loss**
- **Flow**

**MultiCyclone Support Stands**

The MultiCyclone has two purpose designed support stands to suit all MultiCyclone models and most installations.

- **MultiCyclone Stand MKII**
- **MultiCyclone Pump Stand**

**Note:** MultiCyclone Support Stand is suitable for most Waterco Domestic Pool Pumps. Excluding Hydrostar & all Commercial Pumps.