A revolution in pool filtration, MultiCyclone 70XL is a brilliant per-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
- Maximum flow rate of 90m³/hr
- Compact size and ease of installation
- Suitable for new and existing commercial installations

www.waterco.com
Multi-award winning
Waterco has developed a revolutionary centrifugal filtration system that is both economical and eco-friendly.

Since launching in 2008, Waterco’s MultiCyclone technology has continued to impress the world with an innovative design, which has earned it 11 local and international awards, including 2007 Piscina Barcelona Sustainability Award, Best Pool Product of the year 2009 at SPATEX UK, in 2010 and 2011, and the Design Master Gold Award at India’s WAVES International Pool, Spa and Bath Expo.

The MultiCyclone 70XL is an evolution of Waterco’s MultiCyclone technology. Waterco has specially created a commercial version by increasing its number of hydrocyclones to cater for the higher flow rates and redesigned to cope with the demanding requirements of commercial installations.

The MultiCyclone 70XL has been specially created to handle larger water capacities for commercial and industrial applications.

Ease filter workload
An Australian innovation, MultiCyclone 70XL pre-filters up to 80% of the filter’s incoming dirt load prior to the main filter, reducing the load on the filter and therefore reducing the frequency of filter maintenance by up to 80% and saving backwash water.

As the MultiCyclone 70XL intercepts more and more sediment, the flow rate remains unchanged, improving pool water circulation.

Centrifugal water filtration
MultiCyclone 70XL works on the basis of centrifugal water filtration and is designed with no moving parts and no filter media to clean or replace.

UV and corrosion proof
Glass filled thermoplastic housing
70 hydrocyclones configured for optimal filtration

Ease filter workload
- Incoming water enters 70 hydro cyclones tangentially, generating a strong centrifugal effect.
- The sediment is spun out to the hydro cyclone’s wall, and then spirals down to the sediment chamber.
- The filtered water migrates towards the centre of the hydro cyclone where the flow reverses and spirals upwards through the outlet.
- Accumulation of sediment can be visibly monitored through the MultiCyclone’s inspection ports.
- The MultiCyclone is easily cleaned by opening its purge valve. Only 300 litres of water is discharged to cleanse the MultiCyclone.

*Note: The MultiCyclone is designed to filter sediment that is heavier than water. Floating debris cannot be filtered out by centrifugal filtration.
MultiCyclone 70XL solution for Seaview Haven Holiday Park

The Seaview Haven Holiday Camp at Weymouth Bay, on England’s south coast, is defined by its water facilities, which includes heated indoor and outdoor swimming pools. And when the camp’s operators undertook a major refurbishment of the indoor pool in February 2013, the contractor discovered a ‘small problem’.

An existing indoor pool was being refurbished and upgraded, but the plant room could not be altered which meant there was insufficient room to add another filter in order to meet the latest PWTAG standards.

The MultiCyclone 70XL is designed specifically for use in commercial pools and given the 90m³ Seaview Haven pool caters for a large volume of people, the MultiCyclone 70XL was the perfect solution to address the client’s space and budget restrictions.

The MultiCyclone 70XL gives the staff at Seaview Holiday Park a break from the intense maintenance schedule, as the system requires less backwashing than the previous filter.

The MultiCyclone 70XL gave an opportunity to upgrade filtration whilst taking up less plant room space than another filter, and at less cost.

MultiCyclone 70XL head loss curve

Technical Specification

<table>
<thead>
<tr>
<th>Model</th>
<th>Connection</th>
<th>Minimum Flow Rate</th>
<th>Maximum Flow Rate</th>
<th>Pressure Rating</th>
</tr>
</thead>
<tbody>
<tr>
<td>MultiCyclone 70XL</td>
<td>100mm/4&quot; Nominal</td>
<td>30m³/hr (158 GPM)</td>
<td>90m³/hr (396 GPM)</td>
<td>2.5 Bar (250 kPa)</td>
</tr>
</tbody>
</table>

Warranty

MultiCyclone XL is covered by a 2 year warranty and a 12 month warranty on labour.

Waterco Micron fiberglass filters

MultiCyclone XL filters are part of Waterco’s comprehensive range of Micron fiberglass filters. Manufactured from the highest grade of non corrosive materials and employing the latest in fiberglass winding technology.

Established since 1981, Waterco is an Australian public listed company involved in the manufacture and distribution of:

- Swimming pool/spa equipment and chemicals
- Domestic water filters, softeners and purifiers
- Commercial and Industrial water treatment equipment

Waterco’s research & development team has created an innovative range of award winning products. The company’s advanced fiberglass winding and pioneering plastic moulding techniques have delivered premium quality products to over 40 countries via its branches operating in Australia, New Zealand, Malaysia, China, the United Kingdom, United States of America, Canada, Indonesia, Singapore and France.