

**WATERCO**

water, the liquid of life

[www.waterco.com](http://www.waterco.com)



# AGROBIZNESS

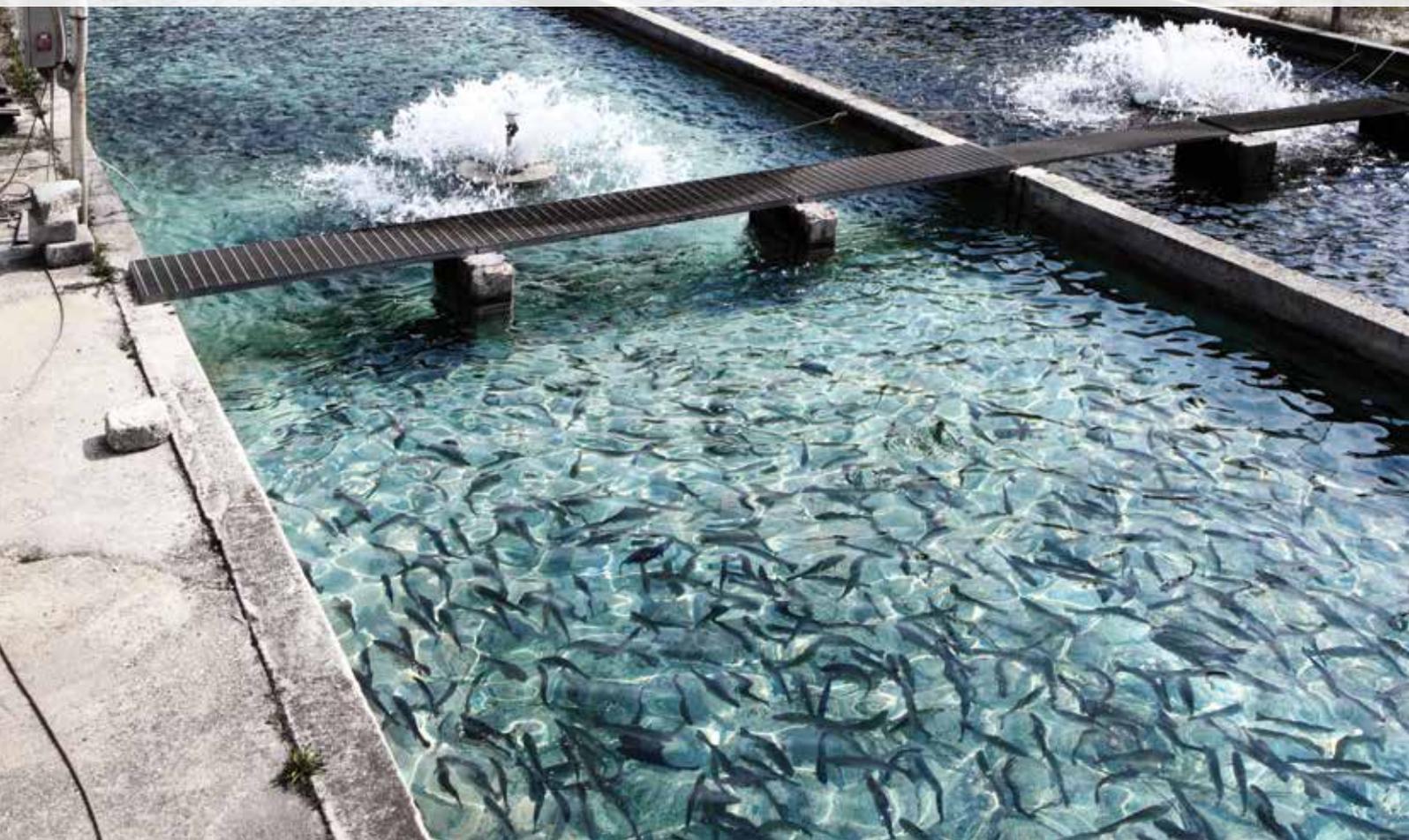
Building A Sustainable Future





Established in 1981, Waterco is an Australian Public Listed Company that started with the manufacturing and distribution of swimming pool and water treatment products. Moving towards a sustainable future, Waterco is venturing into the green concept of **agriculture** and **aquaculture**.

Utilising extensive in-house R & D facilities, along with experienced industry players, Waterco is committed to creating products that are both efficient and effective for the future.





## Filtration Systems

*Mechanical filtration to remove sediment from the water source. Waterco manufactures a comprehensive range of mechanical filters that can filter down to 1 micron.*



- ▶ Deep bed sand filters (W, SMD, SMDD sand filters)
- ▶ Deep Bed nozzle plated sand filter (SPDD)
- ▶ High flow rate & large surface area (M/MD Horizontal)
- ▶ Centrifugal pre-filtration (MultiCyclone)
- ▶ Mechanical & biological (Aquabiome)
- ▶ Bag filtration (Trimline bag filters)
- ▶ Pleated filter cartridges (Trimline cartridge filters)



## Pumping Systems

*Waterco pumps are high performance corrosion resistant thermoplastic pumps.*

*Waterco's pumps' glass-reinforced thermoplastic pump body possesses superior mechanical and chemical resistance compared to steel.*

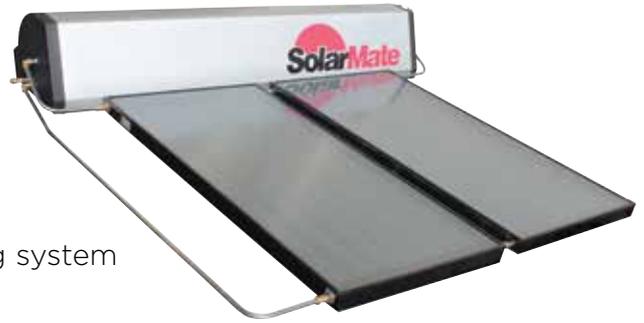
- ▶ Power rating of 0.5 HP - 15 HP
- ▶ 220 - 415 V (1 phase & 3 phase)
- ▶ 40mm coupling to 150mm flange
- ▶ Glass filled reinforced thermoplastic body
- ▶ Built-in large strainer basket
- ▶ Interchangeable mechanical seal for both fresh water and salt water applications





## Heating Systems

Waterco has a diverse range of heating systems that utilise different means to control water temperature.



- ▶ Solar water heating system (Solar Mate)
- ▶ Heat pump - refrigerant reverse cycle ( Electroheat )
- ▶ Gas heating (Turbotemp)

Waterco provides heating products that are energy efficient and effective in delivering the right amount of heat.



## Sanitisation Systems

The removal, deactivation or killing of pathogenic microorganisms.



- ▶ Ultra Violet disinfection (Solclear UV)
- ▶ Algaecide ([aqua-health™](#) Black Spot treatment & [aqua-health™](#) Concide)
- ▶ [Hydroxypure](#) chlorine free system (Hydroxypure)



## Filtration Media

High quality filtration media is vital for any filtration applications as each media is tailored for different functions.

- ▶ Glass media (Glass Pearls, Eco Pure Glass)
- ▶ Bio Beads (Bio - Mec Beads)
- ▶ Zeolite (Zeoplus)
- ▶ Silica sand



Different applications may require a different size or type of media in order to provide the required filtration quality. Our filter tanks internal configuration are designed for the filter media stated.

- **Aquaculture Research Centre & Nursery in Indonesia**

- Waterco filtration system has been widely installed by the Balai Perikanan Budidaya Laut (Aquaculture & Nursery Center) & Balai Besar Riset Perikanan Budiaya Perikanan (Aquaculture R&D Centre) since 2010.



- **Salt Water Sediment Filtration for Fish Farm in South Korea**

Salt water being treated with large surface and high flow sand filters before being channelled back to the farms.

- **Aquaponics Farm in KL, Malaysia**

- One of our very innovative end user has successfully utilised the Aquabiome in improving fish health and vegetable growth in a home based Aquaponics project.



- **Water Filtration for Aquatic Park in KL, Malaysia**

The centrifugal filtration system MultiCyclone is used for removing sediments in their fish tanks with minimal wastage of salt water.

- **Hydroponics Farm in Cameron Highlands, Malaysia**

- Farmers in the highlands are upgrading their hydroponics systems with a revolutionary food-grade filtration and sanitisation Hydroxypure system to solve their algae problems.



- **Ground Water Treatment for Chicken Farm**

Ground water is tapped and treated for general purpose usage in a chicken farm.

## Company Profile

Waterco pioneers reliable solutions for healthy, safe water environments, which are used in residential, commercial and industrial applications in over 40 countries.

Established in 1981 in Sydney, Australia, it has since become a global brand recognised for designing and manufacturing filtration and sanitisation innovations for the swimming pool, spa, aquaculture, and water purification sectors.



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