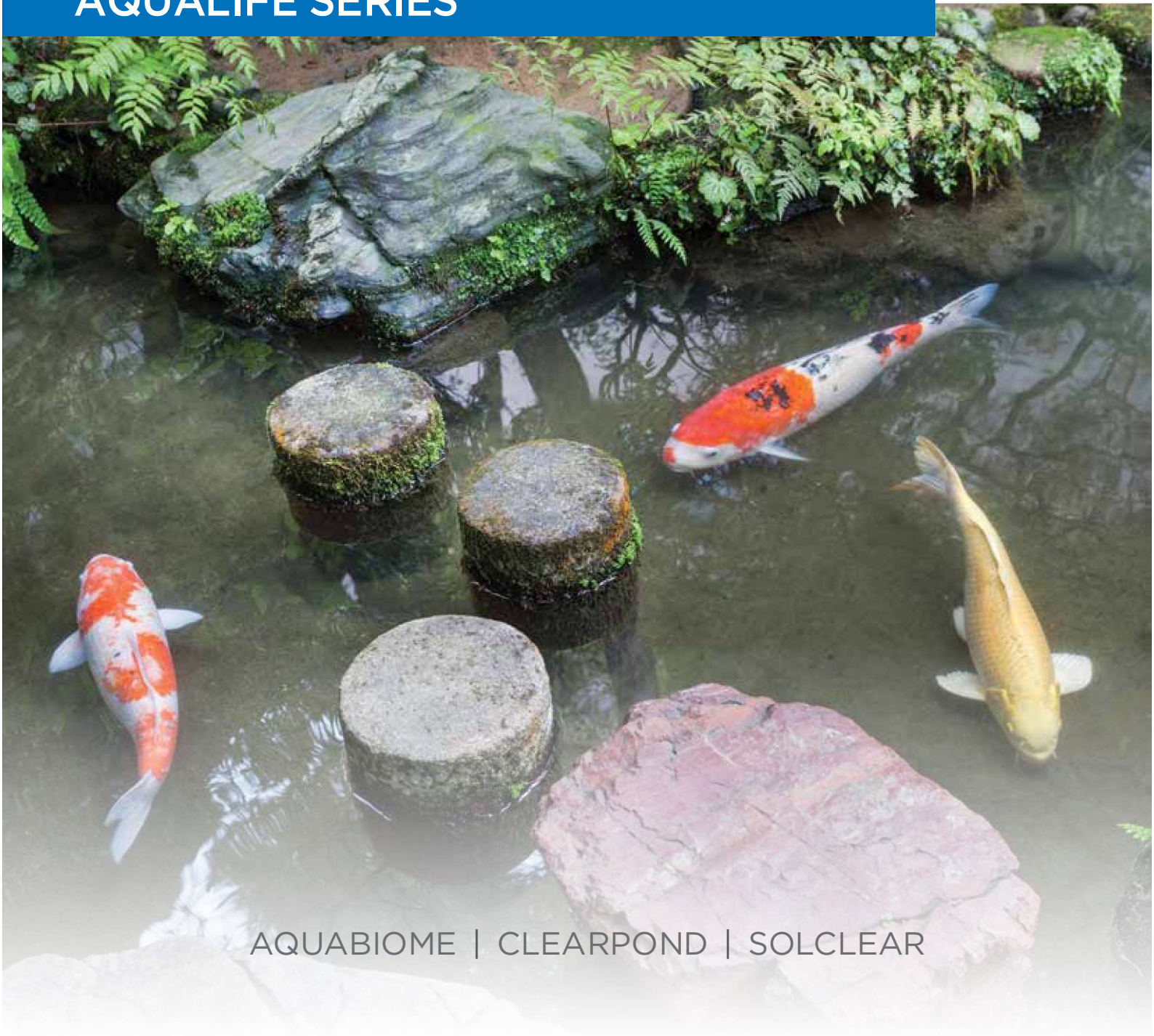


ENHANCED BIOLOGICAL FILTRATION SYSTEM

AQUALIFE SERIES



AQUABIOME | CLEARPOND | SOLCLEAR

www.waterco.com.my

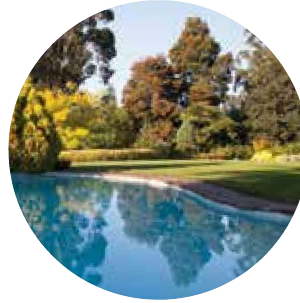
WATERCO
water, the liquid of life

SOLCLEAR

Multi-Purpose UV Water Disinfection

Solclear

Waterco UV water disinfection, Solclear UV steriliser uses environmentally friendly ultraviolet technology for the disinfection of water. It offers the following features:



- High-output, energy-efficient electronic ballast
- Fully serviceable for easy maintenance
- Easy to install
- UV bulbs deliver high output
- No dead spots in the filament
- Longer-lasting UVC bulb lifespan
- Average lamp life expectancy: 9,000 hours

Durable and Long-lasting

Solclear 90 and 150 come with a UV lamp that is encapsulated inside a stainless-steel casing. With proven reliability of sturdy housing, Solclear 90 and 150 are suitable for use in fountains, water features and koi ponds.



Rust-free UV Steriliser

Manufactured in the UK, **Solclear 300 V and 400 V** have been specifically designed to deliver exceptional performance and excellent water clarity while being economical to run. It has been designed to run in a wide range of applications, where chemical treatment and seawater are present.



Manufactured in The UK 

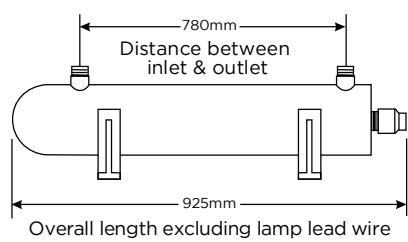
Specifications

Model No.	Flow rate		Number of bulbs	Casing material	Maximum working pressure	Water connections
	lpm	gpm				
Solclear 90	90	24	1 × 40 W	Stainless steel	100 psi (6.9 bar)	1 ½" BSP
Solclear 150	150	40	1 × 40 W	Stainless steel	100 psi (6.9 bar)	1 ½" BSP
Solclear 300 V	300	80	1 × 55 W	UV-protected ABS	36 psi (2.5 bar)	2.0" / 63 mm
Solclear 400 V	400	106	2 × 55 W	UV-protected ABS	36 psi (2.5 bar)	2.0" / 63 mm

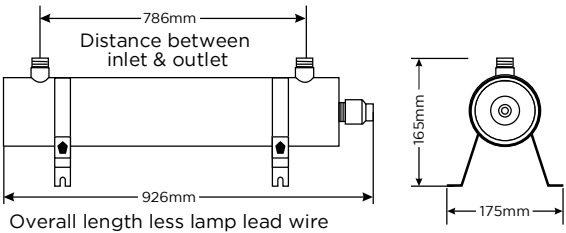
Lamp life : 9,000 hours

Input Voltage : 220 V - 240 V

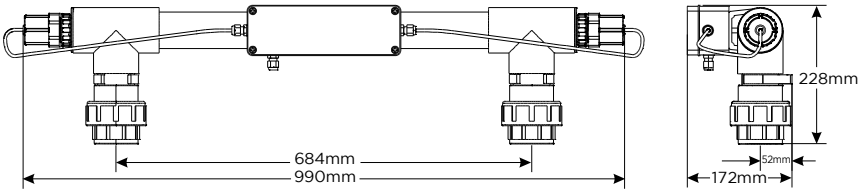
Dimension (mm)



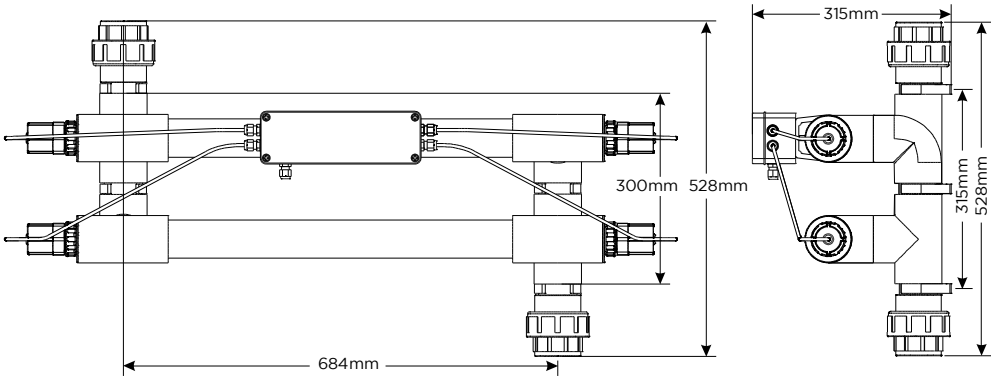
Solclear 90



Solclear 150



Solclear 300 V



Solclear 400 V

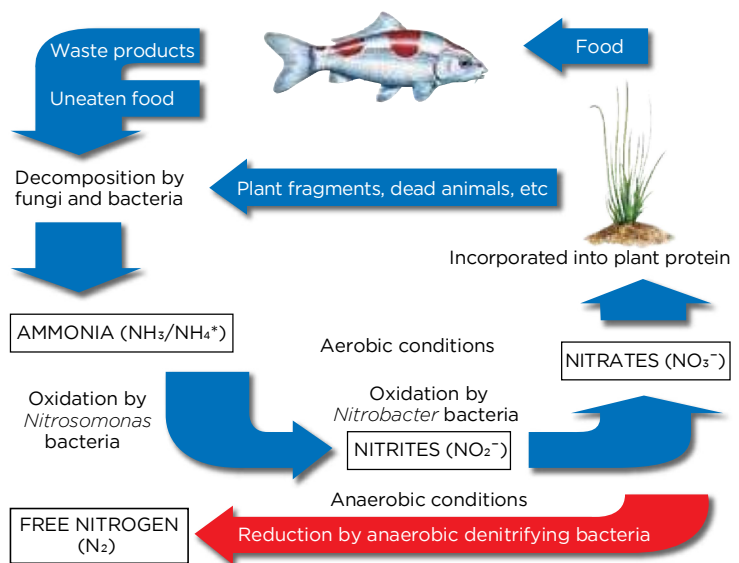
Warranty

Item	Domestic	Commercial
Solclear	1 year	1 year

Nitrogen Cycle

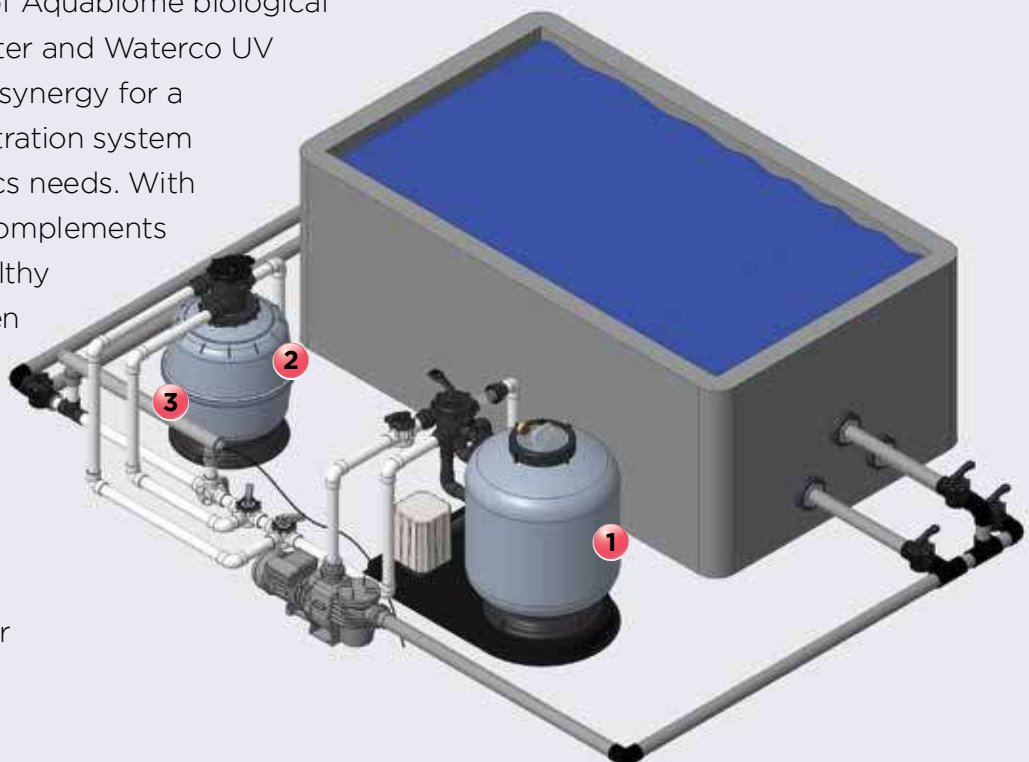
The cycle begins when fish eat and then excrete ammonia. Bacteria in the biological filter eats the ammonia and excretes nitrite. Nitrite is also toxic to fish and needs to be removed.

Another type of bacteria in the filter eats nitrite and excretes nitrate. Nitrate is non-toxic to fish in small quantities and is used by plants as fertiliser. The entire cycle then repeats itself upon completion.



The combination of Aquabiome biological filter, ClearPond filter and Waterco UV steriliser creates a synergy for a complete water filtration system for your aquaponics needs. With each equipment complements one another, a healthy ecosystem between aquatic livestock and crops is established.

- 1 Aquabiome biological filter
- 2 ClearPond filter
- 3 Waterco UV steriliser



WATERCO

water, the liquid of life

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, 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.



CONTACT WATERCO

Waterco's head office is situated in Sydney, Australia with international offices, manufacturing plants and warehouses located in Australia, New Zealand, Malaysia, Indonesia, Singapore, China, Vietnam, the US, Canada, and the UK.

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