

SOLCLEAR **UV Steriliser**

Multi-Purpose Ultra-Violet Water Disinfection

The Solclear UV steriliser uses environmentally friendly ultra-violet technology for the disinfection of water.

The Solclear UV steriliser provides disinfection without the addition of any chemicals.

Applicable to:

- Fountains
- Water features
- Koi ponds



Solclear UV Disinfection

Ultraviolet disinfection system can sterilize water in a safe and efficient way, without the addition of any harmful chemicals.

UV Disinfection is caused by the damaging effect of UV light on the deoxyribonucleic acid (DNA) – the genetic material found in all living things. The resulting damage prevents multiplication and destroys the ability of micro organisms to cause infection.

Advantages of the UV Disinfection

1. Ultraviolet disinfection technology is very effective in destroying bacteria

Ultraviolet energy can destroy bacteria and virus in about 1-5 seconds.

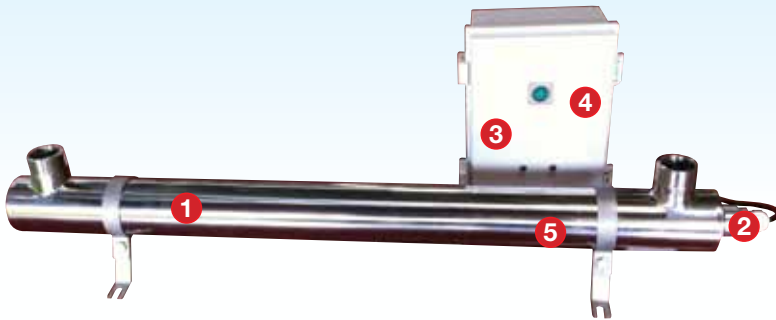
2. Efficient disinfection

Ultraviolet disinfection technology has been widely used for efficiently destroying pathogenic microorganisms, bacteria, and virus.

3. No secondary pollution

As no chemicals are added, ultraviolet disinfection will not create any secondary pollutants.

4. Low costs, simple operation and maintenance.



1. 304 stainless steel, polished and passivated.
2. Long lamp life of up to 10,000 hours of operation, or approximately 12 months of continuous operation.
3. Ballasts: UL, CUL, TUC-CE listed LED alarm.
4. Overheating protection.
5. Maximum working pressure of 100psi/ 690 kPa.

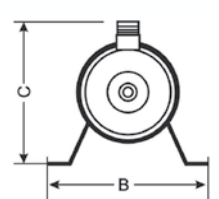
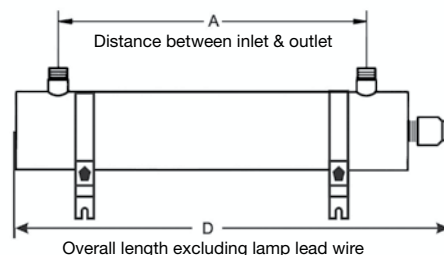
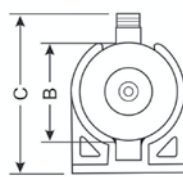
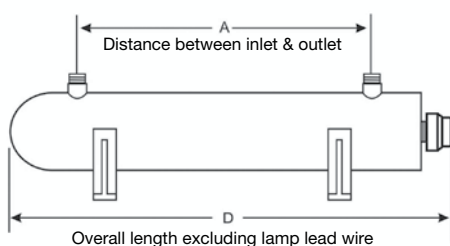
Technical Specification

Model	Flow Rate		Quartz Thimble size mm	Inlet & Outlet size	UV Lamp	Lamp Wattage	Standard Ballasts	Controller Box Size
	gpm	lpm						mm
Solclear 45	12	45	D24.5x680	1" BSP	T529	29W	UV-6	190x280
Solclear 90	24	90	D24.5x910	1 1/2" BSP	T540	40W	UV-6	190x280
Solclear 100	27	100	D24.5x400	1 1/2" BSP	T516	16W	UV-3	125x175
Solclear 150	40	150	D24.5x910	1 1/2" BSP	T540	40W	UV-6	190x280

Lamp life : 9000 hours

Input voltage : 100-240Vac/50-60Hz

Dimension (mm)



NOTE : Line cord and lamp lead wire omitted for clarity.

Model	A	B	C	D	Inlet & Outlet Size
Solclear 45	585 mm	63.5 mm	108 mm	695 mm	1" BSP
Solclear 90	780 mm	63.5 mm	115 mm	925 mm	1 1/2" BSP

NOTE : Line cord and lamp lead wire omitted for clarity.

Model	A	B	C	D	Inlet & Outlet Size
Solclear 100	276 mm	165 mm	165 mm	414 mm	1 1/2" BSP
Solclear 150	786 mm	175 mm	165 mm	926 mm	1 1/2" BSP

Warranty

Solclear UV sterilisers are covered by a comprehensive 12 month warranty.

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