



DISINFECTION SYSTEM UV LIGHT

WATER DISINFECTION WITHOUT CHEMICAL PRODUCTS

UV-C light at a particular wavelength of 253.7 nm is a very powerful germicide. It deactivates the DNA of bacteria, viruses and other pathogens and thus destroys their ability to multiply and cause disease.

Ultraviolet technology is a non-chemical approach to disinfection. In this method of disinfection, nothing is added, which makes this process simple, inexpensive, and requiring very low maintenance.

UV-C light is used more and more by the pool industry because of its' ability to disinfect without modifying the water either physically or chemically.

ADVANTAGES OF USING UV LIGHT FOR WATER DISINFECTION

- 1) Easy use, installation and maintenance.
- 2)) Chemical resistant plastic housing allows for use with salt water and improves the product life with its anti-corrosion property. The Professional quality UV lamp possesses a long life. (9,000 up to 12,000) hours.
- 3) High efficiency: the mirror-polished interior of the housing increases the UV reflection rate and enhances the efficiency up to 35%.
- 4) High transmission rate: high-quality quartz sleeve ensures nearly 100% transmission of UV-C at 254 nm
- 5) Environmental-friendly: it reduces the chlorine consumption of up to 70%. Also, water renewal is reduced due to lesser formation of by-products.
- 6) Better protection: the disinfected water is free of unpleasant smells and does not irritate the eyes, because of the drastic reduction in the number of chloramines. No risk of allergies, and your pool is protected against pathogenic organisms and algae.



UV LAMP UV POOL PROTECT

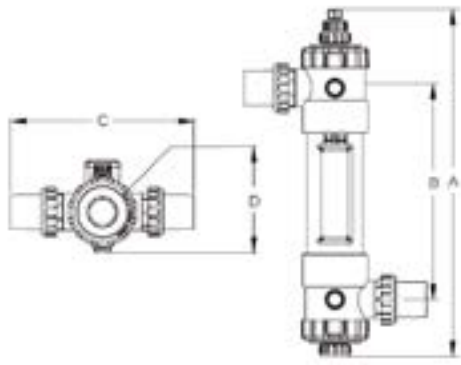
FOR FRESH AND SALT WATER

The FOS series UV-C disinfection system is an effective product to kill bacteria and other microbes that pass through from the tube. As a result, it maintains the water in your pool, spa, fountain, or fishpond bacteria-free and purified.

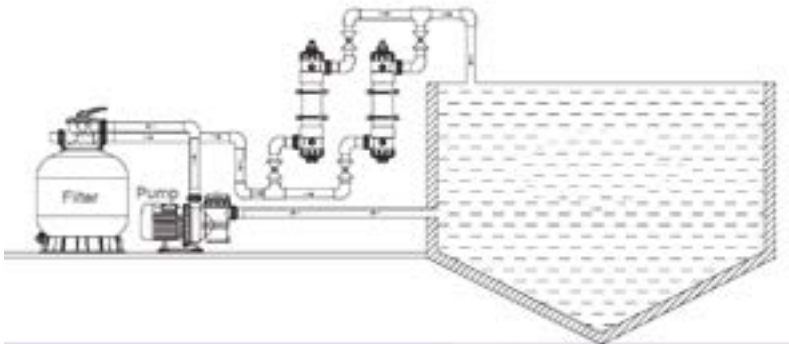
- 1. High-quality UV-C lamp which can achieve 98% sterilization rate
- 2. The durable UV lamp has a long lifespan, up to 12.000 hours
- 3.High-quality quartz tube provides more than 99% transmittance rate.

TECHNICAL CHARACTERISTICS:

- Adjustable brackets for simpler and flexible installation
- Power supply: 230V/50Hz .
- 2 models: 25W y 55W, to fit alone, or in combination, to most pools
- 2 sets of interchangeable connection fittings for gluing to PVC 50 or 63mm



CODE	DIMENSIONS (mm)			
	A	B	C	D
HP-6302-02	694	431	180	166
HP-6302-06	1114	881	180	166



CODE	MODEL	MAX. FLOW (m³/h)	POWER (W)	MAX. PRESSURE (Bar)	FAM.
HP-6302-02	UV POOL PROTECT 25	7	25	3	B
HP-6302-06	UV POOL PROTECT 55	14	55	3	B
HP-6205-50	Switch control (Flow control max 10 Ampere, page 86)				B