



UV LOW PRESSURE RESIDENTIAL SPA ← Applications

- SPA and small pool disinfection

← Main characteristics

- UV dose of 30mj/cm² for disinfection of spa water with flow-rate up to 10m³/h



The TES 10 is designed to provide residential spas with a cost effective UV system for disinfection and improved water quality.

MAIN FEATURES

- Low pressure UV
- Reduction in chemical requirement
- Improves water quality
- Very low capital and electrical running costs
- Lamp change required once per year
- Easy to install and operate with minimal space requirement
- Can be installed outdoors

UV TECHNOLOGY: TES 10

The TES 10 low pressure UV system is designed for disinfection of residential spa water, providing cost effective treatment and improved water quality. The reduced overall size of the system is advantageous for installation within a restricted space.

The TES 10 incorporates a low pressure UV lamp with a 9000 hour life expectancy. The unit is suitable for a treating flow rates of up to 10m³/h and produces a UV dose of 30mj/cm².

HOW IT WORKS

The TES 10 utilises a high output, low pressure UV lamp which is powered by an electronic ballast, housed within a remote unit. The 2" PVC inlet and outlet unions allow easy connection onto existing or new PVC spa pipe work systems.

As water travels through the unit it is disinfected by a 30mj/cm² UV dose from the lamp.



TECHNICAL DATA

Model	UV Lamp	Flowrate		Supply Voltage	Supply Rating
	w	m ³ /h	US gpm	v/ph/Hz	A
TES 10	58	10	44	230/1/50-60	1.6

The above flowrate is based on UV dose of 30 mj/cm² at end of lamp life

The power supply to this unit should incorporate RCD protection

► Standards

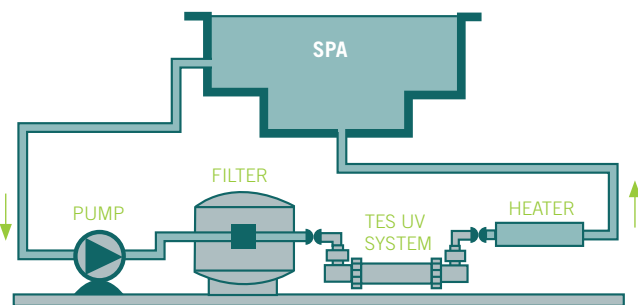
- UL Approved
- CE Approved

► Materials

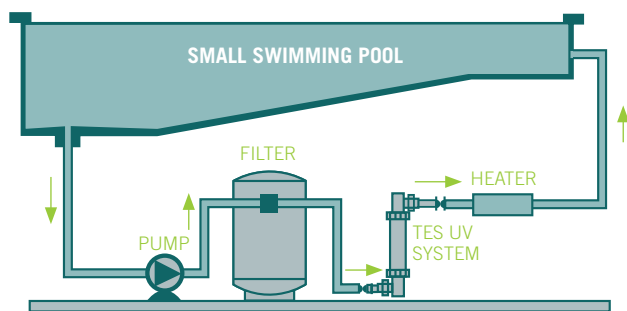
- UV reactor body: 316 stainless steel
- Inlet / Outlet: uVPC unions

DIMENSIONS

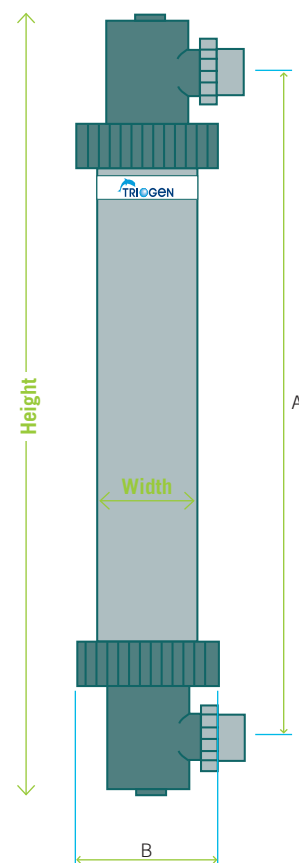
Model	Reactor (mm/inch)		h x w		Weight		In-Out
	A	B	mm	inch	kg	lb	inch
TES 10	500/19.6	175/6.9	630 x 100	24.80 x 3.93	5	11	2



TYPICAL INSTALLATION OF TES FOR SPA



TYPICAL INSTALLATION OF TES FOR SWIMMING POOL



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