

PSI Water Filter Services

Phone 03 63430453 Fax 03 63432453

ULTRA VIOLET STERILISER

The ultraviolet germicidal system has become an exceptionally popular water disinfection alternative. Modern technology is incorporated to create the most natural purification. Ultraviolet lamps produce germicidal short wave radiation, which eradicates bacteria, viruses and other kinds of microbiological contamination present in all water supplies.

ADVANTAGES:

Ultraviolet water sterilisers incorporate natural ultraviolet light, which allows the highest UV output and automatically eradicates all microorganisms.

Only UV light is used to treat the water, no dangerous chemicals, no danger of overdosing, no bad taste, odour or corrosion, continuous disinfection, high output and low power consumption.

Easy to install, low maintenance. Processed water is ready for use. Can be installed alone or connected with other filtration or RO systems.

FEATURES:

Visual indicator and alarm for lamp failure.

30000mic. Watt/sec/cm² at energy of 253.7nm wavelength.

Low power consumption.

Automatic controller to shut off water supply when lamp failure occurs (solenoid valve requirement).

Vertical or horizontal installation.

Unique diagonal inlet/outlet provides spiral current to prolong lighting duration and enhance sterilising effect.

Effectively protects quartz sleeve from the damage or water hammer

Both ports can be inlet or outlet.

MATERIAL:

Heavy duty 304 stainless steel pressure vessel

Heavy duty UV lamps and quartz sleeves using highest grade

“hard

glass” pure fused quartz to allow highest output.

Ceramic end cap of UV lamp

TECHNICAL DATA:

9000 hours (1 year) lamp life

Working Pressure 100 PSI

120VAC or 240VAC

	167	170	172	173	175std	175	177	178	179
Specifications	UVS	UV1GPM	UV6GPM	UV6GPM	UV12GPM	UV12GPM	UV24GPM	UV24GPM	UV48GPM
Vessel (mm)	240Lx60D	278L x 60D	560L x 63D	650L x 80W	900L x 80D	980L x 80W	910L x 120D	970L x 80W	910L x 360D
Material	Aluminium	304 S-Steel	304 S-Steel	304 S-Steel	304 S-Steel	304 S-Steel	304 S-Steel	304 S-Steel	304 S-Steel
Lamp L (mm)	212	287	436	436	843	843	843 x 2 pcs	843 x 2 pcs	843 x 4 pcs
Product Dimm (mm)	240L X 80H X 80D	278 X 80H X 80D	560L X 80H X 80D	650H X 80W X 140D	900L X 170H X 89D	980L X 80W X 140D	910L X 240H X 160D	970L X 200H X 160D	910L X 230H X 280D
In/Out ports	¼" male	¼" male	½" male	½" male	¾" male	¾" male	1" male	1" male	1-1/2" male
E Volts	110/220V 50-60/HZ	110/220V 50-60/HZ	110/220V 50-60/HZ	110/220V 50-60/HZ	110/220V 50-60/HZ	110/220V 50-60/HZ	110/220V 50-60/HZ	110/220V 50-60/HZ	110/220V 50-60/HZ
Lamp Watts	14	14	20	20	39	39	78	78	156
Current mA	425mA	425mA	425mA	425mA	425mA	425mA	425mA	425mA	425mA
Flow rate	3.8L/m	3.8L/m	22.8L/m	22.8L/m	45.6L/m	45.6L/m	91.2L/m	91.2L/m	181.7L/m
Lamp failure device	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Accumulated timer	No	No	No	Yes	No	Yes	Yes	No	Yes