

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 or 316 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 125PSI
- 120VAC or 240VAC

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Ultra Violet Steriliser

	167	170	172	173	175 std	175	177	178	179
Specifications	UVS	UV1GPM	UV6GPM-H	UV6GPM-V	UV12GPM-H	UV12GPM-V	UV24GPM-HT	UV24GPM-V	UV48GPM-HT
Vessel(mm)	240L x 60Dia	278L x 60Dia	560L x 63Dia	650H x 80W	900L x 80W	980H x 80W	910L x 120Dia	970L x 80W	910L x 360Dia
Vessel Material	Aluminium	S. Steel 304	S. Steel 304	S. Steel 304	S. Steel 304	S. Steel 304	S. Steel 304	S. Steel 304	S. Steel 304
Lamp L(mm)	212	287	436	436	843	843	843(2pcs)	843(2pcs)	843(4pcs)
Quartz Sleeve Id x Od x L(mm)	10 x 13.5 x 185 (2psc)	20 x 22.5 x 330	20 x 23 x 540	20 x 23 x 540	20 x 22.5 x 895	20 x 22.5 x 895	20 x 22.5 x 895	20 x 22.5 x 895	20 x 22.5 x 895
Product Dimm. (mm)	240L x 80H x 80D	278L x 80H x 80D	560Lx 80H x 80D	650H x 80W x 140D	900L x 170H x 89D	980H x 80W x 140D	910L x 240H x 160D	970L x 200H x 160D	910L x 230H x 280D
In/Outlet Port	¼"	¼"	½"	½"	¾"	¾"	1"	1"	1 ½" OR 2"
Electrical 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	14W	14W	20W	20W	39W	39W	78W	78W	156W
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	181.7IL/m
	1gpm	1gpm	6gpm	6gpm	12gpm	12gpm	24gpm	24gpm	48gpm
Lamp Failure Device	YES	YES	YES	YES	YES	YES	YES	YES	YES
Accumulated Timer	NO	NO	NO	YES	NO	YES	YES	NO	YES

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