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/cm^2 at energy of 253.7nm wavelength.
- Low power consumption.
- 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
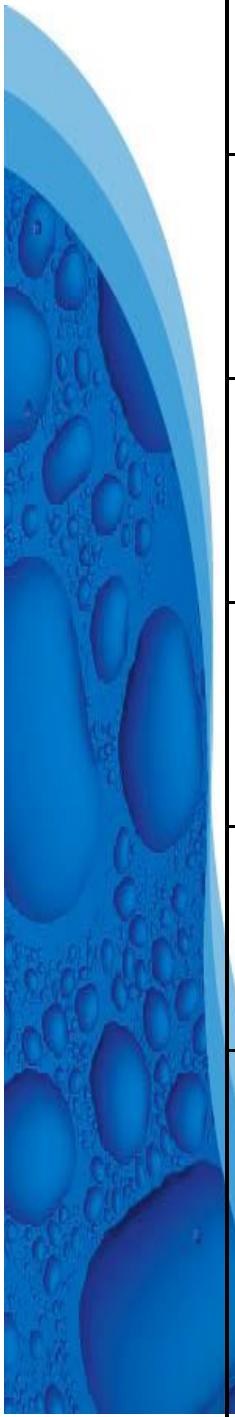- Both ports can be inlet or outlet.

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
- Maximum Working Pressure 100PSI
- 120VAC or 240VAC

Specifications	179	178	177	175	175 std	172	170
	UV48GPM-HT	UV24GPM-V	UV24GPM-HT	UV12GPM-V	UV12GPM-H	UV6GPM-H	UV1GPM
Vessel(mm)	910L x 360Dia	970L x 80W	910L x 120Dia	980H x 80W	900L x 80W	560L x 63Dia	278L x 60Dia
Vessel Material	S. Steel 304	S. Steel 304	S. Steel 304	S. Steel 304	S. Steel 304	S. Steel 304	S. Steel 304
Lamp L(mm)	843(4pcs)	843(2pcs)	843(2pcs)	843	843	436	287
Quartz Sleeve Id x Od x L (mm)	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	20 x 23 x 540	20 x 22.5 x 330
Product Dimm. (mm)	910L x 230H x 280D	970L x 200H x 160D	910L x 240H x 160D	980H x 80W x 140D	900L x 170H x 89D	560Lx 80H x 80D	278L x 80H x 80D
In/Outlet Port	1 ½"	1"	1"	¾"	¾"	½"	¼"
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
Lamp Watts	156W	78W	78W	39W	39W	20W	14W
Current mA	425mA	425mA	425mA	425mA	425mA	425mA	425mA
Flow Rate	181.7lL/m	91.2L/m	91.2L/m	45.6L/m	45.6L/m	22.8L/m	3.8L/m
	48gpm	24gpm	24gpm	12gpm	12gpm	6gpm	1gpm
Lamp Failure Device	YES	YES	YES	YES	YES	YES	YES
Accumulated Timer	YES	NO	YES	YES	NO	NO	NO