



ULTRAVIOLET WATER STERILIZER SERIES

HIGH FLOW ULTRAVIOLET DISINFECTION SYSTEM



BUV-002-16W: BUBBLE 2gpm UV System



BUV-006-25W: BUBBLE 6gpm UV System

- Safe UV disinfection technology
- Efficient disinfection by High UV dose, bactericidal rate is up to 99/99%*
- Sanitization and safety comes from polishing SUS304 chamber and quartz sleeve high transmittance
- No effect of taste and smell into water
- No harmful material into water
- Fully equipped with accessories for installation
- 9000 hours simple and stable operation**
- Small footprint, low weight and low power consumption
- Sound-light alarm timely indicate malfunction

*At the condition of not exceeding UV sterilizer rated water flow

**UV lamp accumulate working time is 9000 hours

Notice: This UV sterilizer assumes certain water quality parameters to be met for proper operation. If the source water does not meet the criteria listed on the left, pretreatment has to be considered.

WARNING: For Drinking Water Applications, do not use with water that is microbiologically unsafe or of unknown quality without adequate disinfection before or after the system.

INSTALLATION TIPS

- Both horizontally and vertically installation are acceptable, electrical wire should be over water tube
- Filtrated source water is required to insure disinfection efficiency
- System powered off before maintenance
- Change UV lamp on a regular 1-year or 9000 hour accumulated working time preventative maintenance program, whichever come first
- Keep UV sterilizer on mostly low quality of source water minimize disinfection efficacy
- Suggest to clean quartz sleeve on a regular 1 year preventative maintenance program

OPTIMAL SOURCE WATER CONDITION

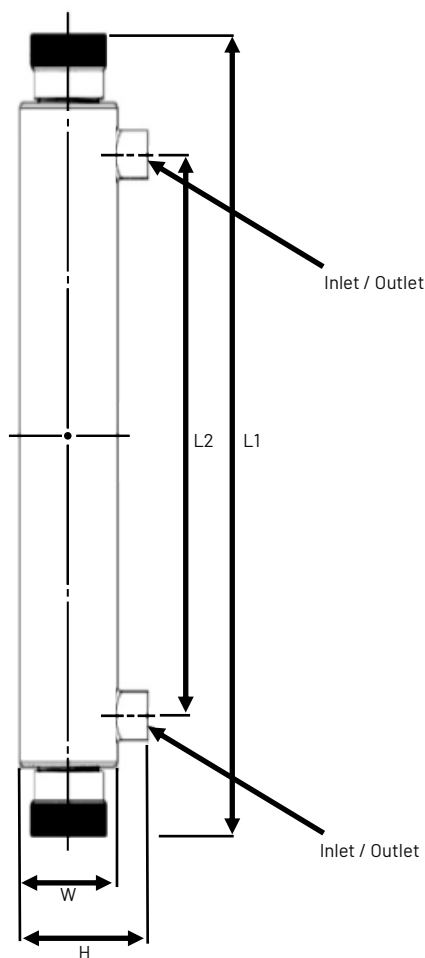
- Total iron $\leq 0.3\text{ppm}$
- Hydrogen sulfide $\leq 0.05\text{ppm}$
- Suspended solid $\leq 10\text{ppm}$
- Mn $\leq 0.05\text{ppm}$
- Hardness $\leq 120\text{mg/L}$
- Chroma ≤ 15
- Turbidity $\leq 5\text{NTU}$
- Temperature $2^{\circ}\text{C}-40^{\circ}\text{C}$

WARRANTY

BUBBLE Division warrants to the original purchaser-consumer of its products that are free from defects in materials and workmanship for a period of one year from the date of purchase. Refer to detailed warranty statement.

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HIGH FLOW ULTRAVIOLET DISINFECTION SYSTEM



SPECIFICATIONS

Part Number	BUV-002-16W	BUV-006-25W
Size	L1: 38cm L2: 25cm W: 6.3cm H: 8cm	L1: 59.5cm L2: 47cm W: 6.3cm H: 8cm
Flow Rate	2gpm (0.45T/Hr)	6gpm (1.36T/Hr)
Inlet / Outlet	1/2" NPT-F	3/4" NPT-F
Operating Pressure	4–125PSI (27.5–862 kPa)	
Ambient Air Temperature	32–104°F (0–40°C)	
Lamp Qty	1	
Lamp Power	16W	25W
Ballast Voltage / Frequency	AC 220–240V / 50–60Hz	
Maximum Current	0.2A	0.25A
Lamp longevity	Accumulated working time of 9000 Hours	
Chamber Material	SUS304	

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