

## EVERPURE®

# Ultraviolet Water Sterilizer



A: PFB-002 Ultraviolet Sterilizer



B: PFB-006 Ultraviolet Sterilizer

### SIZING

A: SA30043: Everpure PFB-002 Ultraviolet Sterilizer, Flow Rate: 2GPM(0.45T/Hr)

B: SA30044: Everpure PFB-006 Ultraviolet Sterilizer, Flow Rate: 6GPM(1.36T/Hr)

### BENEFITS

- 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 accumulated working time is 9000 hours

### 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

### OPERATION TIPS

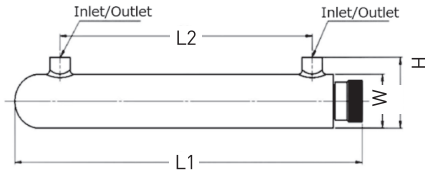
- System powered off before maintenance
- Change UV lamp on a regular 1-year or 9000-hour accumulated working time preventative maintenance program, whichever comes first
- Keep UV sterilizer on mostly
- Low quality of source water minimize disinfection efficiency
- Suggest to clean quartz sleeve on a regular 1-year preventative maintenance program

### APPLICATION

- Cold drink
- Ice machine
- Fountain
- Food preparation
- Accessory for central filtration system

# Ultraviolet Water Sterilizer

## SPECIFICATIONS



A: PFB-002 Ultraviolet Sterilizer



B: PFB-006 Ultraviolet Sterilizer

	Everpure PFB-002 Ultraviolet Sterilizer	Everpure PFB-006 Ultraviolet Sterilizer
Part Number	SA30043	SA30044
Flow Rate	2GPM (0.45T/Hr)	6GPM (1.36T/Hr)
Size	L1: 360mm L2: 260mm W: 51mm H: 67mm	L: 564mm W: 63.5mm H: 90mm
Net weight/Gross weight	1.4kg/1.8kg	2.5kg/3.1kg
Chamber port size	1/2" NPT-F	3/4" NPT-F
Connector port size	3/8" Hole	1/2" NPT-M
Lamp QTY	1	
Lamp power	14w	25w
Lamp longevity	Accumulated working time of 9000 hours	
Pressure	AC 220-240V, 50-60Hz	
Maximum current	0,2A	0,25A
Alarm system	Sound-light alarm	
Chamber material	SUS304	
Shipping Size	440×195×110mm	580×195×110mm

## OPTIMAL SOURCE WATER CONDITION

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

### 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.

## WARRANTY

Everpure ultra-violet water sterilizer and replaceable elements are covered by a limited warranty against defects in material and workmanship for a period of one year after date of or a period of 18 months after production date, whichever comes first.



### WATER QUALITY SYSTEMS

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