

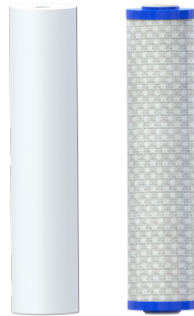


The ultraviolet (UV-C rays, 253.7nm) water disinfection treatment is an extremely rapid physical process, reliable, economical and chemical-free, highly effective method to remove the threat of microbiological contaminants from water.

Integrated home system WPS series to safeguard households drinking water. Under sink, wall mounted and floor stand systems flow rates 1.5gpm (5.7 lpm, 0.34m<sup>3</sup>/hr.) up to 20gpm (75 lpm, 4.5m<sup>3</sup>/hr.) for residential POU/POE, small business, light commercial. Operation status visible and audible, lamp remaining life reminder.

Ultraviolet light treatment is a widely recognized and proven method of disinfection of water, does not add anything to the water, nor does it generate harmful byproducts. It adds only energy in the form of ultraviolet radiation. It is fast, efficient, effective, economical and environmentally-friendly.

Nonitored models flow rates 10gpm (38 lpm, 2.3m<sup>3</sup>/hr.) up to 20gpm (75 lpm, 4.5m<sup>3</sup>/hr.) for residential POU/POE, small business, light commercial. Ultraviolet intensity monitoring, lamp remaining life reminder.



## Specifications

Model / Under Sink	WPS2511-1G/2	WPS2511-1G/4	WPS2511-3G/2	WPS2511-3G/4
Flow Rates @ 30m <sup>3</sup> /cm <sup>2</sup>	1.5gpm, 5.7lpm, 0.34m <sup>3</sup> /hr	1.5gpm, 5.7lpm, 0.34m <sup>3</sup> /hr	3gpm, 11.4lpm, 0.7m <sup>3</sup> /hr	3gpm, 11.4lpm, 0.7m <sup>3</sup> /hr
Flow Rates @ 40m <sup>3</sup> /cm <sup>2</sup>	1.1gpm, 4.2lpm, 0.25m <sup>3</sup> /hr	1.1gpm, 4.2lpm, 0.25m <sup>3</sup> /hr	2.3gpm, 8.7lpm, 0.52m <sup>3</sup> /hr	2.3gpm, 8.7lpm, 0.52m <sup>3</sup> /hr
Inlet / Outlet	3/8"	3/8"	3/8"	3/8"
Dimensions	44*15*42cm (17.3*5.9*16.5 in.)	44*15*42cm (17.3*5.9*16.5 in.)	44*15*42cm (17.3*5.9*16.5 in.)	44*15*42cm (17.3*5.9*16.5 in.)
Filter	Sediment Filter, Carbon Filter, O.D. 2.5", Length 10"			
Ultraviolet Lamp	GPH287TSL/4-LT, 14 Watts	GPH287TSL/4-LT, 14 Watts	GPH330TSL/4-LT, 19 Watts	GPH330TSL/4-LT, 19 Watts
Quartz Sleeve(Domed, Single Open)	QS331	QS331	QS375	QS375
Basic Controller	BAP2011, 110V. / BAP2022, 220V.	BAP4011, 110V. / BAP4022, 220V.	BAP2011, 110V. / BAP2022, 220V.	BAP4011, 110V. / BAP4022, 220V.
Features	Lamp Operating Indicator, Audible Lamp Failure, Optional GDCT-365 Lamp Life Countdown Timer			
Model / Wall Mounted	WPS11-10G	WPS22-13G	WPS22-20G	
Dimensions	58*22*46.5cm (22.8*8.7*18.3 in.)	58*22*72.5cm (22.8*8.7*28.5 in.)	58*22*72.5cm (22.8*8.7*28.5 in.)	
Model / Floor Stand	WPS11-10GF	WPS22-13GF	WPS22-20GF	
Dimensions	58*22*59.2cm (22.8*8.7*23.3 in.)	58*22*83.2cm (22.8*8.7*32.8 in.)	58*22*83.2cm (22.8*8.7*32.8 in.)	
Advanced Controller	Part No. BAP100365, Universal Voltage100V-250V/50-60Hz, 18*9.5*5cm (7.1*3.7*2 in.)			
Features	Lamp Operating Indicator, Audible Lamp Failure, Lamp Life 365 Days Countdown, Total Running Days, Dry Contact			
Monitored / Wall Mounted	WPS11-10GMS	WPS22-13GMS	WPS22-20GMS	
Dimensions	58*22*46.5cm (22.8*8.7*18.3 in.)	58*22*72.5cm (22.8*8.7*28.5 in.)	58*22*72.5cm (22.8*8.7*28.5 in.)	
Monitored / Floor Stand	WPS11-10GMSF	WPS22-13GMSF	WPS22-20GMSF	
Dimensions	58*22*59.2cm (22.8*8.7*23.3 in.)	58*22*83.2cm (22.8*8.7*32.8 in.)	58*22*83.2cm (22.8*8.7*32.8 in.)	
Monitored Controller	Part No. BAP100365MS, Universal Voltage100V-250V/50-60Hz, 24*9.5*5cm (9.5*3.7*2 in.)			
Sensor	Part No. GDS254NM15-V, RJ45 Connection, SS316			
Features	Lamp Operating Indicator, Audible Lamp Failure, Ultraviolet Intensity Monitoring, Lamp Life 365 Days Countdown, Total Running Days, Dry Contact			
Flow Rates @ 30m <sup>3</sup> /cm <sup>2</sup>	10gpm, 38lpm, 2.3m <sup>3</sup> /hr	13gpm, 50lpm, 3m <sup>3</sup> /hr	20gpm, 75lpm, 4.5m <sup>3</sup> /hr	
Flow Rates @ 40m <sup>3</sup> /cm <sup>2</sup>	7.5gpm, 28.4lpm, 1.7m <sup>3</sup> /hr	9.8gpm, 37.1lpm, 2.23m <sup>3</sup> /hr	15gpm, 56.8lpm, 3.4m <sup>3</sup> /hr	
Inlet / Outlet	1"	1"	1"	
Filter	Sediment Filter, Carbon Filter, O.D. 4.5", Length 10"	Sediment Filter, Carbon Filter, O.D. 4.5", Length 20"	Sediment Filter, Carbon Filter, O.D. 4.5", Length 20"	
Ultraviolet Lamp	GHO310TSL/4-LT, 35 Watts	GHO422TSL/4-LT, 40 Watts	GHO512TSL/4-LT, 50 Watts	
Quartz Sleeve(Domed, Single Open)	QS340	QS452	QS542	

▶ Flow Rates Stated at 95% UV Transmittance of End of Lamp Life, 20°C

### General

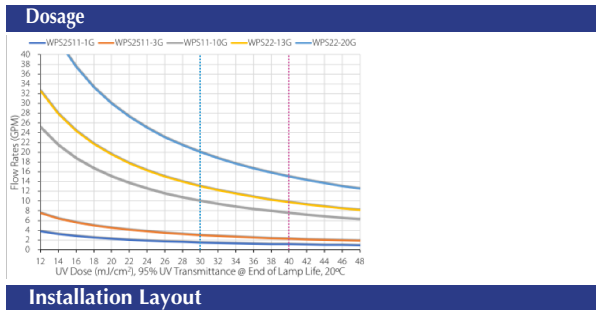
- SS304 Construction Material (SS316 as Request)
- 4-Log (99.99%) Reduction in Bacteria, Viruses and Protozoan Cysts
- Horizontal Installation

### Parameters

- Max. Operating Pressure 125psi (8.62 bars)
- Ambient Water Temperature 2-40°C (36-104°F)
- Iron < 0.3 ppm (0.3mg/L)
- Hardness < 7 gpg (120 mg/L)
- Manganese < 0.05 ppm (0.05 mg/L)
- Turbidity < 1NTU
- Tannins < 0.1 ppm (0.3 mg/L)
- UV Transmittance >75%

### Warranty

- Ultraviolet Water Disinfection Systems Carry a Three Year Warranty on the Stainless Steel Reaction Chamber
- A TWO Year on Power Supply Controller
- A ONE Year Warranty on Ultraviolet Lamp, Quartz Sleeve and Other Components



### Installation Layout

