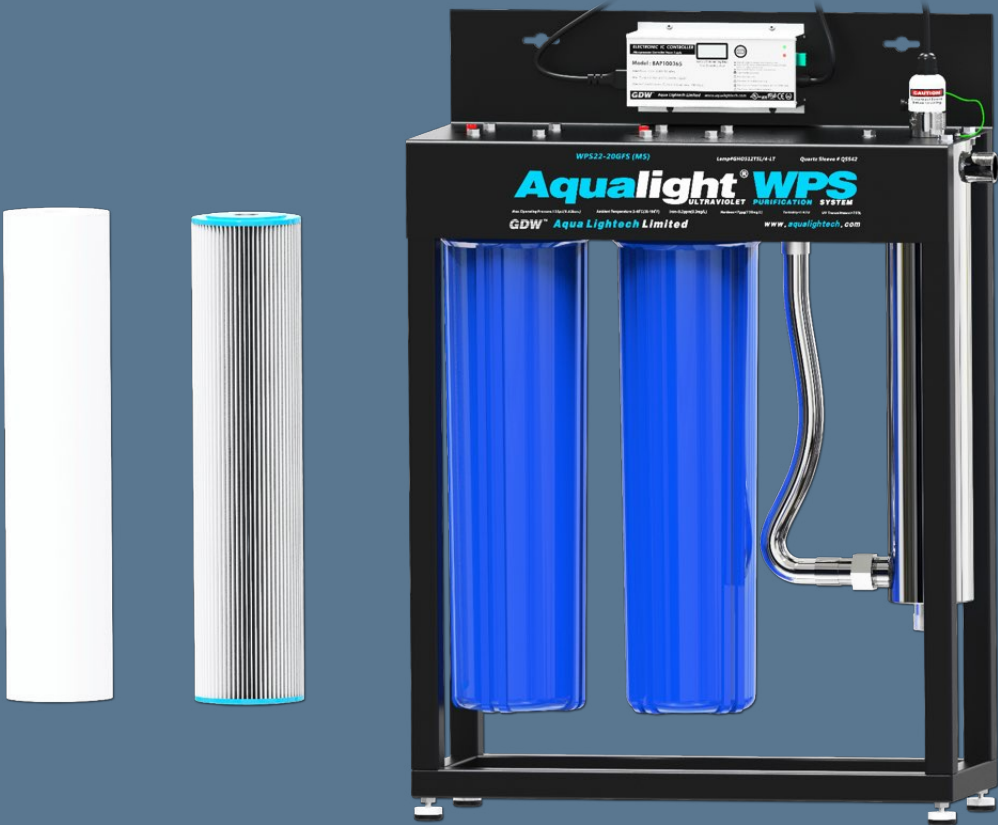




The ultraviolet (UV-C rays, 253.7nm) water disinfection treatment is an extremely rapid physical process, reliable, economical and chemical-free, highly effective method to remove the threat of microbiological contaminants from water.

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.

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, 0.34m3/hr.) up to



20gpm (75 lpm, 4.5m3/hr.) for residential POU/POE, small business, light commercial. Operation status visible and audible., lamp remaining life reminder.

Nonitored models flow rates 10gpm (38 lpm, 2.3m3/hr.) up to 20gpm (75 lpm, 4.5m3/hr.) for residential POU/POE, small business, light commercial. Ultraviolet intensiity monitoring, lamp remaining life reminder.

Specifications

Model / Under Sink	WPS2511-1G/2	WPS2511-1G/4	WPS2511-3G/2	WPS2511-3G/4
Flow Rates @ 30mJ/cm2	1.5gpm, 5.7lpm, 0.34m3/hr	1.5gpm, 5.7lpm, 0.34m3/hr	3gpm, 11.4lpm, 0.7m3/hr	3gpm, 11.4lpm, 0.7m3/hr
Flow Rates @ 40mJ/cm2	1.1gpm, 4.2lpm, 0.25m3/hr	1.1gpm, 4.2lpm, 0.25m3/hr	2.3gpm, 8.7lpm, 0.52m3/hr	2.3gpm, 8.7lpm, 0.52m3/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	GPB287T5L/4-LT, 14 Watts	GPB287T5L/4-LT, 14 Watts	GPB330T5L/4-LT, 19 Watts	GPB330T5L/4-LT, 19 Watts
Quartz Sleeve	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 @ 30mJ/cm2	10gpm, 38lpm, 2.3m3/hr	13gpm, 50lpm, 3m3/hr	20gpm, 75lpm, 4.5m3/hr	
Flow Rates @ 40mJ/cm2	7.5gpm, 28.4lpm, 1.7m3/hr	9.8gpm, 37.1lpm, 2.23m3/hr	15gpm, 56.8lpm, 3.4m3/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	GHO310T5L/4-LT, 35 Watts	GHO422T5L/4-LT, 40 Watts	GHO512T5L/4-LT, 50 Watts	
Quartz Sleeve	QS340	QS452	QS542	
▶ Flow Rates Stated at 95% UV Transmittance of End of Lamp Life, 20°C				

► 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%

Dose

UV Dose (mJ/cm²)	WPS22-20G	WPS22-13G	WPS11-10G	WPS2511-3G	WPS2511-1G
12	38	28	18	10	6
24	28	20	14	8	4
36	22	16	11	6	3
48	18	14	9	5	2