

Ultraviolet Sterilizing Systems



Ultraviolet disinfection is one of the most popular technologies applied in water treatment because of its convenience and non side-effect advantage. UV efficiently kills algae, fungi, germs and virus in process water without generating harmful by-products. UV systems are designed in compact sizes and accommodate effective UVC lamps, ensuring high quality of disinfection and purification. Sterilizers are available for processes from small volume to big scale, satisfying various applications and demanding requirements.

- 🔍 Sterilizers are equipped with effective UVC lamps which have superior disinfection performance.
- 🔍 Enable to inactivate micro-organisms within seconds without generating harmful side-effects.
- 🔍 Treatment chambers and cabinets are completely constructed by stainless steel, featuring great durability and sustainability.
- 🔍 Electronic ballasts and compact control cabinets make more efficient and convenient system surveillance.

Applications

Household Water Filtration, Aquarium, RO/DI, Food & Beverage, Well Water Treatment, Pharmaceutical, Laboratory Facilities, Electronics

Specifications

Treatment Chamber	SUS304, SUS316
O-ring	Silicone
Control Cabinet	SUS304
Support Mounting	SUS304
Electrical Supply	100V~240VAC 50/ 60Hz, Single Phase

Operation Data

Maximum Operating Temperature : 10°C ~ 40°C (50°F ~ 104°F)
Maximum Operating Pressure : 8.62 bar (125 psi)

Ordering Information

MODEL	UVUS6	UVUS14	UVUS24	UVUS32	UVUS39	UVUS39	UVUS3902
Flow Rate	0.5GPM 2.0LPM	1.5GPM 6.0LPM	4.0GPM 15.0LPM	6.0GPM 22.0LPM	10.0GPM 38.0LPM	10.0GPM 38.0LPM	20.0GPM 75.0LPM
Operating Watts	6W	18W	24W	32W	39W	39W	78W
Number of Lamp	6W × 1	14W × 1	24W × 1	32W × 1	39W × 1	39W × 1	39W × 2
Inlet/Outlet Size	1/4"NPT	1/4"NPTF	1/2"NPTF	1/2"NPTF	3/4"NPTM	1"NPTM	1"NPTM
Control Cabinet	N/A	N/A	N/A	N/A	N/A	SUS304	SUS304
Dimensions L × W(mm)	Ø50.5 × 320	Ø64 × 340	Ø64 × 512	Ø64 × 680	Ø64 × 900	Ø89 × 900 × 186	Ø100 × 900 × 197
MODEL	UVUS3904	UVUS5506	UVUS5507	UVUS5508	UVUS5510	UVUS5512	UVUS5515
Flow Rate	48.0GPM 182.0LPM	67.2GPM 255.0LPM	67.2GPM 255.0LPM	76.8GPM 291.0LPM	96.0GPM 363.0LPM	115.0GPM 435.0LPM	144.0GPM 545.0LPM
Operating Watts	156W	330W	385W	440W	550W	660W	825W
Number of Lamp	39W × 4	55W × 6	55W × 7	55W × 8	55W × 10	55W × 12	55W × 15
Inlet/Outlet Size	1.5"NPTM	2" or 2.5" NPTM/Flange		2.5", 3" or 4" NPTM/Flange			4" or 5" NPTM/ Flange
Control Cabinet	SUS304						
Dimensions L × W(mm)	Ø177 × 900 × 280	Ø220 × 970 × 422	Ø220 × 970 × 422	Ø260 × 970 × 540	Ø260 × 970 × 540	Ø300 × 970 × 720	Ø390 × 970 × 810

For more information:

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