



EXPERIENCE IN UV APPLICATION

HO High Output Series Industrial Ultraviolet Systems

There is no other disinfection process that is as simple, effective, and safe as ultraviolet light. This process has been proven on commercial water supplies over the past 50 years.

The HO (High Output) Ultraviolet Water Treatment Systems are specifically designed for industrial/commercial applications. Systems are designed to treat flows from low flows up to hundreds of gallons per minute and are designed for Disinfection, Ozone Destruction and TOC Reduction

Each unit is specifically engineered to provide optimized flow and retention time to effectively reduce bacteria by up to 99.9%. With dosage levels of 30,000 μw seconds per cm^2 and higher at rated flow you are assured of effective UV treatment.



HO (High Output) Series Features

- 316L Stainless Steel treatment chamber
- Chamber is Electropolished and Passivated Interior and Exterior
- 100-150 PSI Maximum Operating Pressure (model dependent)
- Remote Electrical Enclosure
- Elapsed Running Time Meter
- LED UV Lamp Operational Display
- On/Off Switch (optional on some models)
- MNPT, Flange or Sanitary Inlet and Outlet Connections
- High Output Long Life Ultraviolet Lamp Design
- 9,000-10,000 Hour Lamp Life
- Heavy-duty Silica Quartz Sleeve
- Horizontal Mounting
- Electronic power supply
- 30,000 μw seconds per cm^2 or higher at rated flow
- 120VAC/60Hz/1-Phase or 220VAC/50-60Hz/1-Phase

Options

- Ultraviolet Monitor with 0-100% UV Intensity Display
- 4-20mA Linier Output
- Quartz Sleeve Wiper System, Manual or Automatic (Air Operated, must have air onsite)
- Temperature Overheat Protection
- 220VAC/50-60Hz/1-Phase

820 Tucker Ct., Winder, GA 30680

[Tel] 770.307.3882 [Fax] 770.307.3872 [email] Info@uvsuperstore.com [web] www.uvsuperstore.com

Remote power panels offered in both painted NEMA 12 modified and 304 Stainless Steel NEMA 4X modified for all four lamp and larger systems. For the one and two lamp units these are provided with Remote FIBOX power panels.



to the UV vessel. FIBOX units are supplied with five feet lamp leads. If longer length is needed on any specific unit please contact UV Superstore.

Standard Model Selection

Short Systems

Systems use 80 Watt T5 UV Lamps

Model	Flow Rate Clear Fresh Water	Flow Rate RO or DI Water
UV-1S-HO	30	35
UV-2S-HO	60	70
UV-4S-HO	125	150
UV-6S-HO	160	185
UV-8S-HO	200	230

Long Systems

Systems use 130 Watt T5 UV Lamps

Model	Flow Rate Clear Fresh Water	Flow Rate RO or DI Water
UV-2L-HO	90	100
UV-4L-HO	200	230
UV-6L-HO	300	350
UV-8L-HO	400	475
UV-10L-HO	550	635
UV-12L-HO	700	825

Flow rates are based on 95% UVT for Clear Fresh Water and 99% UVT for RO DI Water and EOL Dosage of 30,000 μw seconds per cm^2 or higher at rated flow

For Ozone Destruction and TOC Reduction please contact UV Superstore with your requirements to size the appropriate system for your application. Systems for above 12 lamps are available for higher flow rates, please contact UV Superstore.



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