



One Source for All Your UV Needs!



Simplified, New and Flexible Designs

Introducing an all new line in our LeopardUV® Series UV water treatment system

New Line Features

Simplified Lines

Expanded our proven and trusted LeopardUV® Series by simplifying and consolidating product lines.

All New Chamber Design

Superior quality 30" short 316L stainless steel treatment chamber in a 6" diameter.

Flexible lamp configurations

In-stock, extensive array of lamp configurations provides greater flexibility with the best value and fastest delivery.



About LeopardUV®

Reliable Components

Combines the most reliable components in a simplified, new and flexible system design that's adaptable to fit in most commercial and industrial applications.

Proven Performance

Provides proven and guaranteed performance in ultraviolet water treatment applications requiring low flows to high flows. These versatile systems deliver the required dosage to effectively and safely inactivate microorganisms present in the water supply.

Quality Assurance

Designed, engineered and assembled in our USA facility with superior quality materials, current and advanced electronic technology. All of our systems are thoroughly inspected and tested before leaving the warehouse.

Customer Focused

Our primary focus is on the needs of the customer by providing solutions to meet the strict industry standards that is specific to the application at hand. Our experienced UV specialist will help configure the best system fitted for your application built with you in mind.

System Highlights

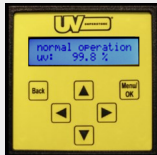
- Processes up to 1600GPM for CFW and DI/RO Water
- Low pressure, High Output or Amalgam UV Lamp with 10,000 hour lamp life—254NM or 185NM
- 316L Stainless Steel Treatment Chamber—Electropolished and Passivated Interior/Exterior
- Flange Inlet/Outlet Connections
- Remote Power Enclosure with viewing window—304 Stainless Steel or Polycarbonate
- Horizontal or Vertical Mounting (Model Dependent)
- Custom systems and features are available to meet specific specifications and industry requirements.

Available Options

- WatchDog Monitoring System with UV Intensity, 4-20mA Linear Output and High Heat Shutoff
- Standard UV Monitor 0-100% UV Intensity Display with 4-20mA Linear Output
- Standard High Heat Shutoff
- Sanitary Inlet/Outlet Connections
- Manual Quartz Sleeve Wiper System (Model Dependent)
- Lamp Out Alert
- Hands Off Auto (HOA) Switch
- 220V / 240V



LeopardUV® High Output Series for Disinfection

Model #	30" Short Systems				60" Long Systems		
	LP1SHO-6	LP2SHO-6	LP3SHO-6	LP4SHO-6	LP4LHO-6	LP4LHO-8	LP5LHO-8
Flow Rates							
*Max Capacity Clear Fresh Water— GPM (m³/hr)	50 (11.4)	85 (19.3)	140 (31.8)	195 (44.3)	360 (81.8)	500 (113.6)	640 (145.4)
**Max Capacity DI/RO Water— GPM (m³/hr)	60 (13.6)	100 (22.7)	165 (37.5)	220 (50)	425 (96.5)	610 (138.6)	750 (170.4)
*UV Dosage @ 95% UVT	30	30	30	30	30	30	30
**UV Dosage @ 99% UVT millijoule per cm² (mJ/cm²)	30	30	30	30	30	30	30
Higher dosages and flow options are available. Ozone Destruction, Chlorine Destruction, TOC Reduction and High Temperature options are also available. Contact UV Superstore as dosage and sizing parameters vary depending on the application.							
Lamps							
No. of UV Lamps	1	2	3	4	4	4	5
Watts per Lamp	80	80	80	80	135	135	135
Lamp Type	Low Pressure, High Output 254NM or 185NM (Validated lamp options are available)						
Electrical Power Enclosure							
Supply Voltage	120V 50-60Hz						
Material	Polycarbonate						
Size— HxWxD in (cm)	11.5x10x5.5 (29x25x14)		17x17x9 (43x43x23)				
Treatment Chamber							
Material	316L Stainless Steel						
Inlet/Outlet Connection Size — Flange in (cm)	2 (5)	2 (5)	3 (8)	3 (8)	4 (10)	6 (15)	6 (15)
Diameter—in (cm)	6 (15)	6 (15)	6 (15)	6 (15)	6 (15)	8 (20)	8 (20)
Maximum Operating Pressure	150 PSI						
Water Temperature Range	40° F to 104° F (5°c to 40°c)						
Maximum Operating Temperature	104°F (40°c)						
Features and Options							
*Features include On/Off switch, LED UV lamp status indicator, Elapsed runtime meter, monitoring port, drain port, and sample port							
*Optional Features include 304SS Remote Electrical Power Enclosure with viewing window, Hands Off Auto (HOA) switch, Lamp Out Alert (LOA), WatchDog Monitoring System, Standard UV Monitor, Standard High Heat Shutoff, 220V 50/60Hz, Sanitary Inlet/Outlet connections, Manual wiper system							
Standard UV Monitoring System 				WatchDog UV Monitoring System			
*Certain features and options do not apply to all models							

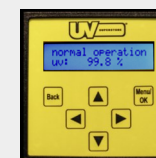
LeopardUV® Amalgam Series for Disinfection

Model #	30" Short Systems						60" Long Systems			
	LP1SA-6	LP2SA-6	LP3SA-6	LP3SA-8	LP4SA-8	LP5SA-8	LP4LA-8	LP5LA-8	LP4LA-10	LP5LA-10
Flow Rates										
*Max Capacity CFW— GPM(m ³ /hr)	75 (17)	130 (29.5)	225 (51.1)	300 (68.1)	450 (102.2)	600 (136.3)	750 (170.3)	1000 (227.3)	1200 (272.5)	1600 (363.4)
**Max Capacity DI/RO Water— GPM(m ³ /hr)	85 (19.3)	145 (32.9)	225 (51.1)	365 (82.9)	525 (119.2)	720 (163.5)	900 (204.4)	1100 (249.9)	1400 (318)	1600 (363.4)
*UV Dosage @ 95% UVT	30	30	30	30	30	30	30	30	30	30
**UV Dosage @ 99% UVT millijoule per cm²(mJ/cm²)	30	30	30	30	30	30	30	30	30	40
Higher dosages and flow options are available. Ozone Destruction, Chlorine Destruction, TOC Reduction and High Temperature options are also available. Contact UV Superstore as dosage and sizing parameters vary depending on the application.										
Lamps										
No. of UV Lamps	1	2	3	3	4	5	4	5	4	5
Watts per Lamp	135	135	135	135	135	135	320	320	320	320
Lamp Type	Low Pressure, Amalgam 254NM or 185NM (Validated lamp options are available)									
Electrical Power Enclosure										
Supply Voltage	120V 50-60Hz									
Material	Polycarbonate					304 Stainless Steel				
Size—HxWxD in (cm)	17x17x9 (43x43x23)					29x22x7 (74x56x18)	41x26x8 (104x66x20)			
Treatment Chamber										
Material	316L Stainless Steel									
Connection Size—Flange in (cm)	2 (5)	2 (5)	3 (8)	4 (10)	6(15)	6 (15)	6 (15)	6 (15)	8 (20)	8 (20)
Diameter—in (cm)	6 (15)	6 (15)	6 (15)	8 (20)	8 (20)	8 (20)	8 (20)	8 (20)	10 (25)	10 (25)
Max Operating Pressure	150 PSI									
*Water Temperature Range	40° F to 175° F (5°c to 79°c)									
*Max Operating Temperature	175°F (79°c)									
*Contact UV Superstore for special applications requiring higher temperatures										
Features and Options										
*Features include On/Off switch, LED UV lamp status indicator, Elapsed runtime meter, monitoring port, drain port, and sample port										
*Optional Features include 304 Stainless Steel Remote Electrical Power Enclosure with viewing window, Hands Off Auto (HOA) switch, Lamp Out Alert (LOA), WatchDog Monitoring System, Standard High Heat Shutoff, 220V 50/60Hz, Sanitary Inlet/Outlet connections, Manual Wiper system										
*Certain features and options do not apply to all models										

WatchDog UV
Monitoring System



**WatchDog UV
Monitoring System**



All product specifications are subject to change without notice. UV Superstore, Inc. assumes no liability or responsibility for any errors or omissions and reserves the right to update any information at any time.



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Your One Source for All your UV Needs!

Our combination of industry experience, quality products, fast service, and price add up to the best value for UV anywhere.