



SUV-100B

SPECTRUM Ultraviolet systems provide a sleek, compact design and economical ultraviolet water treatment for low flow and medium flow applications such as: light commercial reverse osmosis systems, water vending machines, food industry, laboratory, medical facility water, pharmaceutical, cosmetic processes, final electronic component rinsing and recirculation loops to name a few.

SPECTRUM Ultraviolet systems produce little change in water temperature even after prolonged periods of no water flow, making them ideal for many application requirements.

For more information visit us at:
www.aurorawatertech.com

✓ **SAFE** ✓ **SIMPLE** ✓ **EFFICIENT** ✓ **ECONOMICAL**





**Precise and Safe
Micro-Organism
UV Sterilization***



✓ **SAFE**

- No need to handle toxic or corrosive chemicals or by-products
- Microbiologically free water without the use of potentially dangerous chemicals
- UV imparts no change in taste, odor, pH or conductivity
- No trihalomethanes (THM's) formation

✓ **SIMPLE**

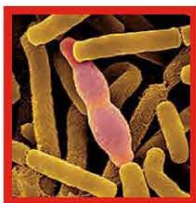
- Fast and simple installation with three connections (two water and one electrical)
- Maintenance involves annual lamp replacement (provided water quality parameters are met) with no need to turn off water flow
- Automatic, unattended and user friendly operation

✓ **EFFICIENT**

- Compact units with 304 or 316 (upon request) stainless steel reactor chamber, polished for laboratory and medical use, require minimum space
- Microorganisms are inactivated within seconds; eliminates the need for long retention times or retention tanks
- Very low power consumption; less than 40 Watt bulb to effectively treat from 1 to 100 gallons per minute
- High output low pressure mercury vapor lamps with high isolation pin
- Little change in water temperature even after prolonged periods of no water flow
- Open end high quality quartz sleeve and stainless steel gland units

✓ **ECONOMICAL**

- No moving parts to wear out or break
- Lower capital investment when compared to chlorine or ozone systems



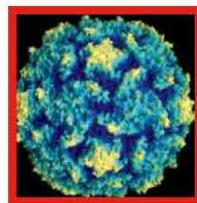
Bacillus



Cyanobacteria



Shigella



Polio



Coli

* THESE MICROORGANISMS MAY/MAY NOT EXIST IN YOUR HOUSEHOLD WATER. IT IS IMPORTANT THAT YOU HAVE YOUR WATER TESTED TO IDENTIFY MICROORGANISMS AND/OR CONTAMINANTS, IF ANY.



Residential Ultraviolet Sterilization Systems

SPECTRUM ULTRAVIOLET SUV-6C

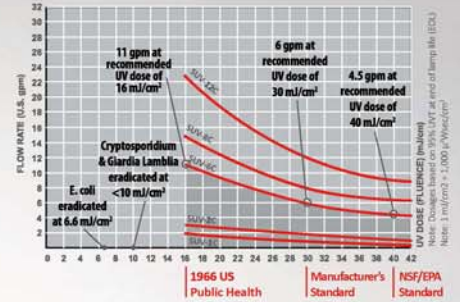
PARTS & ACCESSORIES

Electronic Ballast	Quartz Sleeve	Lamp
CEB-2439	AQS24	AGL24PP

Additional Accessories Specific to Your UV System		
AUV-NUT-1/ AUV-NUT-2	AUV-SEAL	AUV-PLUG



SUV-6C



GPM	Rated Life (hours)	Lamp Watts	Voltage @ 50/60HZ	Visual Warning	Audible Warning	Number of Lamps	Port Size Inlet/Outlet	Water Chamber	Length	Width	Maximum Pressure	Working Temp.	Wavelength	Microjoules
6	9,000	24W	110V/220V	LED	INDICATOR W/ALARM	1	1/2" MNPT	STAINLESS 304	23.23"	2.5"	125 PSI	35°F- 104°F	254 nm	30 mJ/cm ²

SPECTRUM ULTRAVIOLET SUV-8C

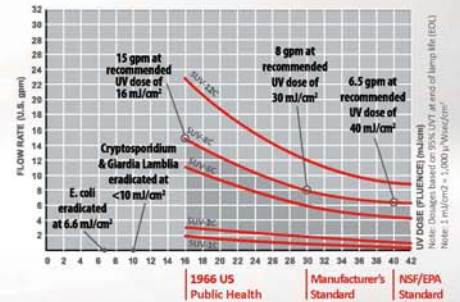
PARTS & ACCESSORIES

Electronic Ballast	Quartz Sleeve	Lamp
CEB-2439	AQS32	AGL32PP

Additional Accessories Specific to Your UV System			
AUV-NUT-1/ AUV-NUT-2	AUV-SEAL	AUV-PLUG	AUV-32SPRING



SUV-8C



GPM	Rated Life (hours)	Lamp Watts	Voltage @ 50/60HZ	Visual Warning	Audible Warning	Number of Lamps	Port Size Inlet/Outlet	Water Chamber	Length	Width	Maximum Pressure	Working Temp.	Wavelength	Microjoules
8	9,000	32W	110V/220V	LED	INDICATOR W/ALARM	1	3/4" MNPT	STAINLESS 304	27.87"	2.5"	125 PSI	35°F- 104°F	254 nm	30 mJ/cm ²

SUV-6C / SUV-8C



Residential & Commercial Ultraviolet Sterilization Systems

SPECTRUM ULTRAVIOLET SUV-12C

PARTS & ACCESSORIES

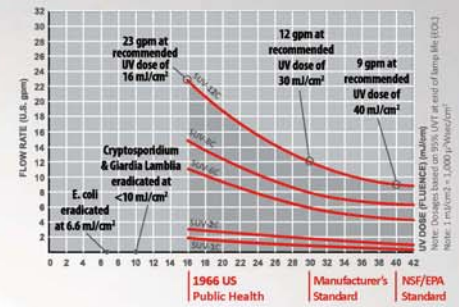
Electronic Ballast	Quartz Sleeve	Lamp
CEB-2439	AQS39	AGL39PP

Additional Accessories Specific to Your UV System

AUV-NUT-1/ AUV-NUT-2	AUV-SEAL	AUV-PLUG	AUV-39SPRING
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SUV-12C



GPM	Rated Life (hours)	Lamp Watts	Voltage @ 50/60HZ	Visual Warning	Audible Warning	Number of Lamps	Port Size Inlet/Outlet	Water Chamber	Length	Width	Maximum Pressure	Working Temp.	Wavelength	Microjoules
12	9,000	39W	110V/220V	LED	INDICATOR W/ALARM	1	3/4" MNPT	STAINLESS 304	36.81"	2.5"	125 PSI	35°F- 104°F	254 nm	30 mJ/cm²

SPECTRUM ULTRAVIOLET SUV-24B

PARTS & ACCESSORIES

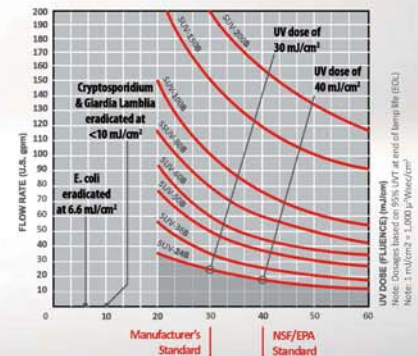
Electronic Ballast	Quartz Sleeve	Lamp
YEB-2439	AQS39	AGL39PP

Additional Accessories Specific to Your UV System

AUV-NUT-1/ AUV-NUT-2	AUV-SEAL	AUV-PLUG	AUV-39SPRING	AUV-TIMER
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SUV-24B



GPM	Rated Life (hours)	Lamp Watts	Voltage @ 50/60HZ	Visual Warning	Audible Warning	Number of Lamps	Port Size Inlet/Outlet	Water Chamber	Timer	Length	Width	Maximum Pressure	Working Temp.	Wavelength	Microjoules
24	9,000	39W	110V/220V	LED	INDICATOR W/ALARM	2	1" MNPT	STAINLESS 304	✓	36.93"	3.5"	125 PSI	35°F- 104°F	254 nm	30 mJ/cm²

SUV-12C / SUV-24B



SPECTRUM Ultraviolet systems utilize a natural quartz sleeve to protect the lamp and allow the maximum amount of UV rays to penetrate and disinfect the water.

SPECTRUM Ultraviolet systems germicidal lamps are specially designed UV radiation lamps which produce a rated wave length of 254nm.

SPECTRUM Ultraviolet systems are your best choice in UV sterilization. With its durable construction, high quality quartz sleeve and performance lamps, you can't go wrong.

✓ FEATURES

- Audible ballast with LED lamp out indicator
- High output low pressure mercury vapor lamps with high isolation pin design
- Open end quartz sleeve and stainless steel gland units
- Operating temperature and sealing efficiency
- Limited 5-year warranty on stainless steel housing
- Limited 1-year warranty on electronics



CEB-1024
Ballast for 10W - 17W 110V/220V
for Models: SUV-1C & SUV-2C

CEB-2439
Ballast for 24W - 39W 110V/220V
for Models: SUV-6C - SUV-12C

YEB-2439
Ballast for 24W - 39W 110V/220V
for Models: SUV-24B - SUV-100B

YEB-55155
Ballast for 87W 110V/220V
for Models: SUV-150B - SUV-200B

AQS10
Quartz Sleeve 245mm for
10W UV Lamp
for Model: SUV-1C

AQS24
Quartz Sleeve 535mm for
24W UV Lamp
for Model: SUV-6C

AQS14
Quartz Sleeve 331mm for
14W UV Lamp
for Model: SUV-2C

AQS32
Quartz Sleeve 665mm for
32W UV Lamp
for Model: SUV-8C



AQS39
Quartz Sleeve 890mm for
39W UV Lamp
for Models: SUV-12C - SUV-200B



AUV-NUT-1
Aluminum Long Nut
for Wire Connection
for Models: SUV-1C - SUV-200B

AUV-NUT-2
Aluminum Short Nut
for End Plug
for Models: SUV-6C - SUV-200B

AUV-PLUG
Plastic Plug for Nuts
for Models:
SUV-6C - SUV-200B

AUV-SEAL
Seal for Sleeve and Nut
for Models:
SUV-1C - SUV-200B

AGL10PP
10W 212mm Germicidal Lamp
Single End 4 Pin 254nm
for Model: SUV-1C

AGL32PP
32W 645mm Germicidal Lamp
Single End 4 Pin 254nm
for Model: SUV-8C

AGL14PP
14W 287mm Germicidal Lamp
Single End 4 Pin 254nm
for Model: SUV-2C

AGL39PP
39W 843mm Germicidal Lamp
Single End 4 Pin 254nm
for Models: SUV-12C - SUV-100B

AGL24PP
24W 436mm Germicidal Lamp
Single End 4 Pin 254nm
for Model: SUV-6C

AGL87PP
87W 843mm Germicidal Lamp
Single End 4 Pin 254nm
for Models: SUV-150B - SUV-200B



AUV-TIMER
Counter/Timer
for Models: SUV-24B - SUV-200B



AUV-32SPRING
Stainless Steel Spring
for Model: SUV-8C



AUV-39SPRING
Stainless Steel Spring
for Models: SUV-12C - SUV-200B



U.S. Patent: D751506
China Patent: ZL 2015 2 0160464.9
Taiwan Patent: 503904

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The Spectrum Ultraviolet Germicidal Lamp Pin Design is patented under United States Patent Number: D751506, and is protected by U.S. Patent and Trademark laws.