

## Ultraviolet Water Purification Systems from VIQUA

The quality of drinking water can change with time and become contaminated with harmful bacteria. The Sterilight Copper™ family of compact UV purification systems is a reliable, economical and chemical-free way to safeguard drinking water in any residential application. Sterilight Copper has been designed and tested to ensure quality drinking water is at everyone's finger tips.

Regardless of your need, there is a Copper system to suit your requirements. VIQUA offers systems that range in flow rates from just 1 gpm for a single faucet up to 4 gpm for a small home or cottage.



### Features of Sterilight Copper UV water purification systems

- Equipped to inactivate chlorine-resistant parasites such as *Cryptosporidium* and *Giardia*, harmful bacteria like E.Coli, and viruses not visible to the naked eye.
- Specially designed and tested Sterilume™-EX lamps provide consistent, reliable ultraviolet output over the entire life of the lamp (9000 hours) to ensure continuous purification.
- The system is easy to maintain and service.
- Built with a durable stainless steel chamber to prolong life and eliminate ultraviolet light degradation.
- The power supply is integrated into the lamp connector and has an LED power/lamp on indicator.
- Drinking Water Systems come equipped with a 5-micron sediment filter and a carbon filter to reduce the taste and odor of chlorine.
- Complete do-it-yourself kit includes faucet, saddle valve, tubing, and fittings available with the S1Q-DWS and S2Q-DWS models only.

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# SPECIFICATIONS

MODEL	SC1	SC2.5	SC4
<b>FLOW RATES<sup>1</sup></b>			
US Public Health (16 mJ/cm <sup>2</sup> )	7 lpm (2 gpm) (0.45 m <sup>3</sup> /hr)	17 lpm (4.5 gpm) (1.02 m <sup>3</sup> /hr)	28 lpm (7.5 gpm) (1.70 m <sup>3</sup> /hr)
VIQUA Standard (30 mJ/cm <sup>2</sup> )	4 lpm (1 gpm) (0.24 m <sup>3</sup> /hr)	9 lpm (2.5 gpm) (0.54 m <sup>3</sup> /hr)	15 lpm (4 gpm) (0.91 m <sup>3</sup> /hr)
NSF/EPA (40 mJ/cm <sup>2</sup> )	2 lpm (0.5 gpm) (0.12 m <sup>3</sup> /hr)	6 lpm (1.5 gpm) (0.36 m <sup>3</sup> /hr)	11 lpm (2.8 gpm) (0.66 m <sup>3</sup> /hr)
<b>DIMENSIONS</b>			
Length	34.3 cm (13.5")	41.9 cm (16.5")	46.2 cm (18.2")
Cell Diameter	6.5 cm (2.5")	6.5 cm (2.5")	6.5 cm (2.5")
Inlet/Outlet Port Size	Combo - 1/2" MNPT / 3/8" FNPT	Combo - 1/2" MNPT / 3/8" FNPT	Combo - 1/2" MNPT / 3/8" FNPT
Shipping Weight	1.8 kg (4 lbs)	2 kg (4.5 lbs)	2.8 kg (6.5 lbs)
<b>ELECTRICAL</b>			
Voltage	100-130V / 50-60 Hz <sup>1</sup>	100-130V / 50-60 Hz <sup>1</sup>	100-130V / 50-60 Hz <sup>1</sup>
Power Consumption	13 W	17 W	19 W
Lamp Watts	9 W	13 W	15 W
Maximum Operating Pressure	8.62 bar (125 psi)	8.62 bar (125 psi)	8.62 bar (125 psi)
Ambient Water Temperature	2-40°C (36-104°F)	2-40°C (36-104°F)	2-40°C (36-104°F)
Visual "Power On"	YES	YES	YES
Reactor Chamber Material	304 SS	304 SS	304 SS

<sup>1</sup> 200-250V/50-60Hz available on request - add "/2" to the end of the system number when you order.

## Replacement Parts

### SC1

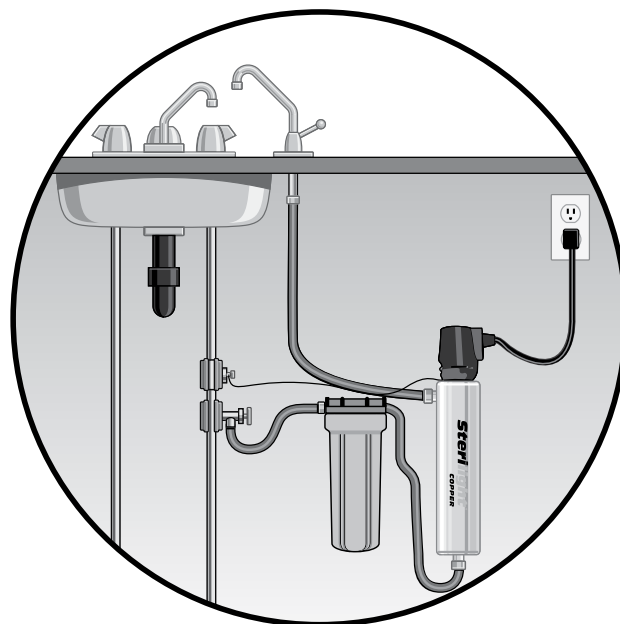
Lamps S212RL  
Quartz Sleeves QS-212D  
O-ring 410867  
Ballast BA-C1

### SC2.5

Lamps S287RL  
Quartz Sleeves QS-287D  
O-ring 410867  
Ballast BA-C1

### SC4

Lamps S330RL  
Quartz Sleeves QS-330D  
O-ring 410867  
Ballast BA-C1



# SPECIFICATIONS

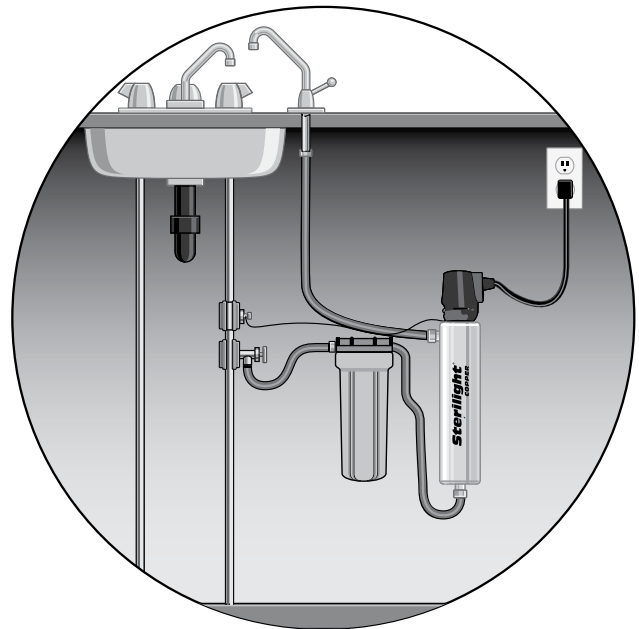
MODEL	SC1-DWS	SC2.5-DWS	SC4-DWS
<b>FLOW RATES</b>			
US Public Health (16 mJ/cm <sup>2</sup> )	7 lpm (2 gpm) (0.45 m <sup>3</sup> /hr)	17 lpm (4.5 gpm) (1.02 m <sup>3</sup> /hr)	28 lpm (7.5 gpm) (1.70 m <sup>3</sup> /hr)
VIQUA Standard (30 mJ/cm <sup>2</sup> )	4 lpm (1 gpm) (0.24 m <sup>3</sup> /hr)	9 lpm (2.5 gpm) (0.54 m <sup>3</sup> /hr)	15 lpm (4 gpm) (0.91 m <sup>3</sup> /hr)
NSF/EPA (40 mJ/cm <sup>2</sup> )	2 lpm (0.5 gpm) (0.12 m <sup>3</sup> /hr)	6 lpm (1.5 gpm) (0.36 m <sup>3</sup> /hr)	11 lpm (2.8 gpm) (0.66 m <sup>3</sup> /hr)
<b>DIMENSIONS</b>			
Overall Dimensions (Width x Height x Depth)	38 cm x 43 cm x 15 cm (15" x 17" x 6")	44 cm x 43 cm x 15 cm (17" x 17" x 6")	48 cm x 70 cm x 15 cm (19" x 27.5" x 6")
Shipping Weight	6.5 kg (14 lbs)	7.3 kg (16 lbs)	9.1 kg (20 lbs)
<b>ELECTRICAL</b>			
Voltage	100-240V / 50-60 Hz	100-240V / 50-60 Hz	100-240V / 50-60 Hz
Power Consumption	13 W	17 W	19 W
Lamp Watts	9 W	13 W	15 W
Maximum Operating Pressure	8.62 bar (125 psi)	8.62 bar (125 psi)	8.62 bar (125 psi)
Ambient Water Temperature	2-40°C (36-104°F)	2-40°C (36-104°F)	2-40°C (36-104°F)
Visual "Power On" /	YES	YES	YES
Installation kit	YES	YES	N/A
UV Chamber Material	304 SS	304 SS	304 SS
Sediment Filtration	YES, 5 micron	YES, 5 micron	YES, 5 micron
Carbon Filtration	YES	YES	YES

## Replacement Parts

<b>S212RL</b> – UV lamp for SC1-DWS
<b>S287RL</b> – UV lamp for SC2.5-DWS
<b>S330RL</b> – UV lamp for SC4-DWS
<b>QS-212D</b> – quartz sleeve for SC1-DWS
<b>QS-287D</b> – quartz sleeve for SC2.5-DWS
<b>QS-330D</b> – quartz sleeve for SC4-DWS
<b>410867</b> – o-ring for quartz sleeve
<b>BA-C1</b> – integral ballast and lamp connector for 100-130V/50-60HZ
<b>BA-C2</b> – integral ballast and lamp connector for 220-240V/50-60HZ
<b>AWP-110</b> – 5 micron sediment cartridge for SC1-DWS & SC2.5-DWS
<b>C-01</b> – carbon cartridge for SC1-DWS & SC2.5-DWS
<b>AWP-110-2</b> – 5 micron sediment cartridge for SC4-DWS
<b>C-02</b> – carbon block cartridge for SC4-DWS

## Available Models

<b>SC1-DWS</b> – 7.5 L/min (2 gpm) includes disinfection system, sediment filter, carbon filter, bracket and complete installation kit including tubing, faucet, and fittings.
<b>SC2.5-DWS</b> – 11 L/min (3.0 gpm) includes disinfection system, sediment filter, carbon filter, bracket and complete installation kit including tubing, faucet, and fittings.
<b>SC4-DWS</b> – 22.7 L/min (6.0 gpm) includes disinfection system, sediment filter and carbon filter with bracket for main line installation.



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