

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.

SPECIFICATIONS

MODEL	SC1	SC2.5	SC4
FLOW RATES¹			
US Public Health (16 mJ/cm ²)	7 lpm (2 gpm) (0.45 m ³ /hr)	17 lpm (4.5 gpm) (1.02 m ³ /hr)	28 lpm (7.5 gpm) (1.70 m ³ /hr)
VIQUA Standard (30 mJ/cm ²)	4 lpm (1 gpm) (0.24 m ³ /hr)	9 lpm (2.5 gpm) (0.54 m ³ /hr)	15 lpm (4 gpm) (0.91 m ³ /hr)
NSF/EPA (40 mJ/cm ²)	2 lpm (0.5 gpm) (0.12 m ³ /hr)	6 lpm (1.5 gpm) (0.36 m ³ /hr)	11 lpm (2.8 gpm) (0.66 m ³ /hr)
DIMENSIONS			
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)
ELECTRICAL			
Voltage	100-130V / 50-60 Hz ¹	100-130V / 50-60 Hz ¹	100-130V / 50-60 Hz ¹
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

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

Replacement Parts

SC1

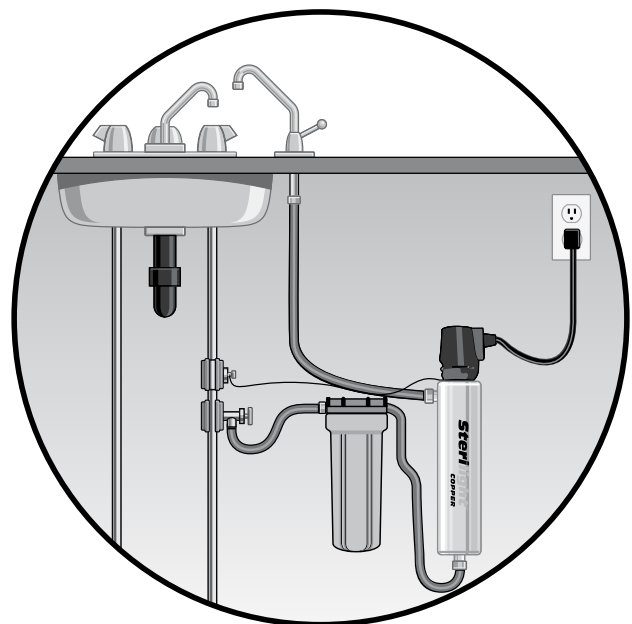
Lamps S212RL
Quartz Sleeves QS-212D
O-ring 410867
Ballast BA-C1

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

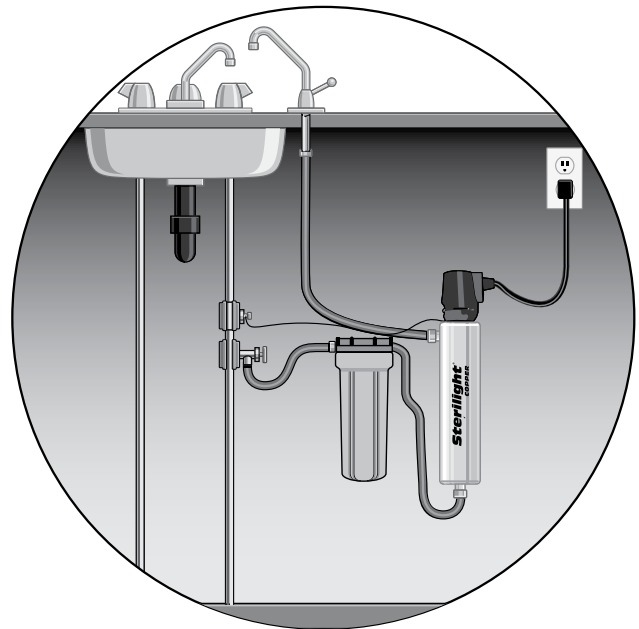
MODEL	SC1-DWS	SC2.5-DWS	SC4-DWS
FLOW RATES			
US Public Health (16 mJ/cm ²)	7 lpm (2 gpm) (0.45 m ³ /hr)	17 lpm (4.5 gpm) (1.02 m ³ /hr)	28 lpm (7.5 gpm) (1.70 m ³ /hr)
VIQUA Standard (30 mJ/cm ²)	4 lpm (1 gpm) (0.24 m ³ /hr)	9 lpm (2.5 gpm) (0.54 m ³ /hr)	15 lpm (4 gpm) (0.91 m ³ /hr)
NSF/EPA (40 mJ/cm ²)	2 lpm (0.5 gpm) (0.12 m ³ /hr)	6 lpm (1.5 gpm) (0.36 m ³ /hr)	11 lpm (2.8 gpm) (0.66 m ³ /hr)
DIMENSIONS			
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)
ELECTRICAL			
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

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

Available Models

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



Warranty

Please visit www.viqua.com for the comprehensive warranty for our Sterilight product line.



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