

## Compact Ultraviolet Water Purification System

# **Sterilight**

**COPPER**



SC1



SC2.5



SC4

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

### Features of the Sterilight Copper UV purification system

- 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 and reliable ultraviolet output over the entire life of the lamp (9000 hours) to ensure continuous purification.
- The system is easy to maintain and service.
- The ultraviolet lamp can be changed without interrupting the water flow.
- Built with a durable stainless steel chamber to prolong life and eliminate ultraviolet light degradation.
- The power supply has a sealed case to prevent damage from accidental water intrusion and is fully CSA and CE compliant.

## SPECIFICATIONS

### MODEL

**SC1**
**SC2.5**
**SC4**

#### FLOW RATES<sup>1</sup>

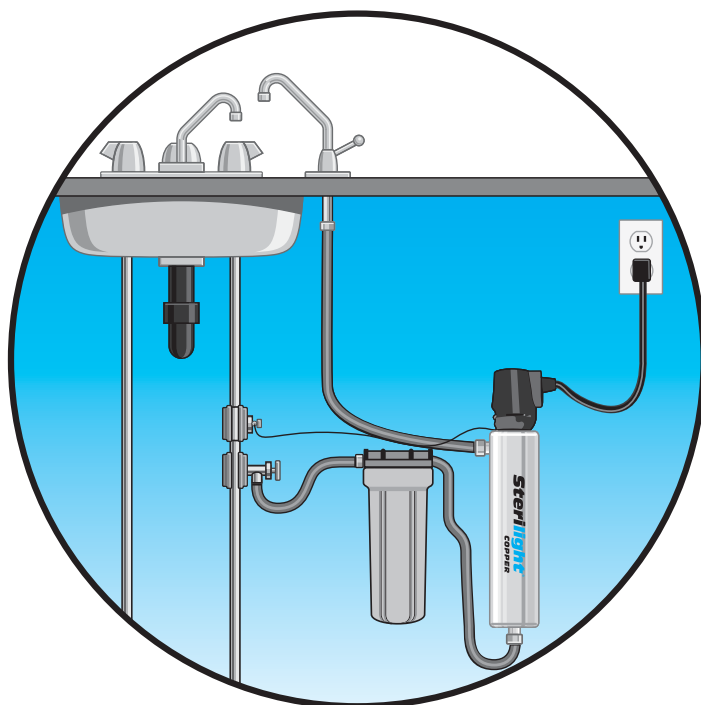
US Public Health (16 mJ/cm <sup>2</sup> )	75 lpm (2 gpm) (0.45 m <sup>3</sup> /Hr.)	15.9 lpm (4.2 gpm) (0.95 m <sup>3</sup> /Hr.)	28.4 lpm (75 gpm) (1.70 m <sup>3</sup> /Hr.)
VIQUA Standard (30 mJ/cm <sup>2</sup> )	4 lpm (1 gpm) (0.24 m <sup>3</sup> /Hr.)	9.5 lpm (2.5 gpm) (0.57 m <sup>3</sup> /Hr.)	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.)	7.2 lpm (1.9 gpm) (0.43 m <sup>3</sup> /Hr.)	10.6 lpm (2.8 gpm) (0.64 m <sup>3</sup> /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 <sup>1</sup>	100-130V / 50-60 Hz <sup>1</sup>	100-130V / 50-60 Hz <sup>1</sup>
Power Consumption	12W	16W	19W
Lamp Watts	10W	14W	17W
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)
Lamps/Quartz Sleeves	YES	YES	YES
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


## Replacement Parts

#### SC1

 Lamps S212RL  
 Quartz Sleeves QS-212D  
 O-ring 410867

#### SC2.5

 Lamps S287RL  
 Quartz Sleeves QS-287D  
 O-ring 410867

#### SC4

 Lamps S330RL  
 Quartz Sleeves QS-330D  
 O-ring 410867