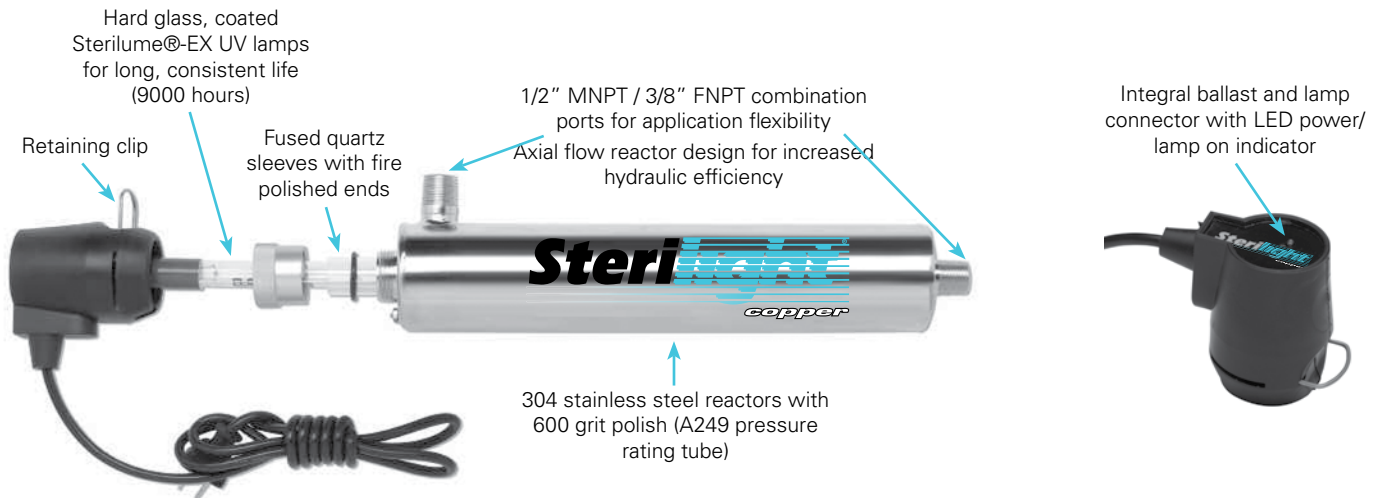


# MODEL SC1, SC2.5, SC4

SC1 SC2.5 SC4



The **Sterilight Copper™** ultraviolet disinfection systems are specifically designed for point-of-use applications where microbiological control is required. Copper series UV systems control bacteria, virus and protozoan cyst (specifically *Giardia lamblia* and *Cryptosporidium*) all in one complete design.



SC1



SC2.5



SC4

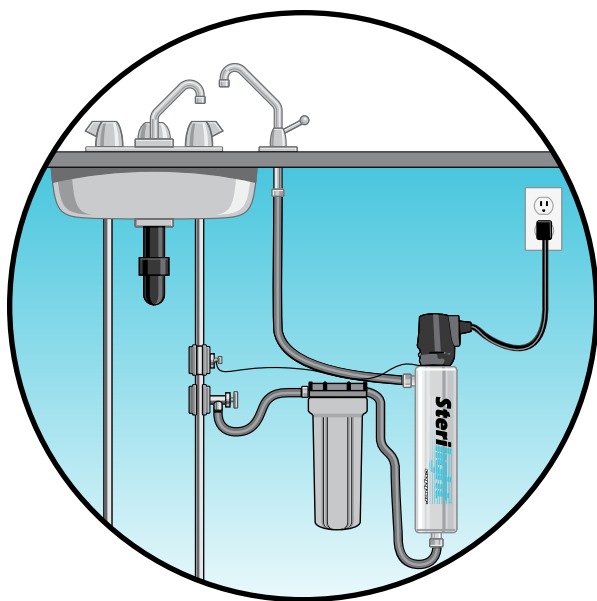
## WATER IQ

In addition to bacteria (*E. coli*), virus, algae, mould and others, Sterilight UV systems are effective against protozoa such as *Cryptosporidium* and *Giardia lamblia*. UV effectively **DESTROYS** these protozoan cysts at dosage levels well within the levels delivered by all Sterilight ultraviolet disinfection systems.

# SPECIFICATIONS

MODEL	SC1	SC2.5	SC4
<b>FLOW RATES<sup>1</sup></b>			
US Public Health (16 mJ/cm <sup>2</sup> )	7.5 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 (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.)	9.5 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.)
<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	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

### SC2.5

Lamps S287RL  
Quartz Sleeves QS-287D

### SC4

Lamps S330RL  
Quartz Sleeves QS-330D

## WARRANTY

The Sterilight Copper systems carry a seven year warranty on the stainless steel reactor chamber, a one year warranty on UV lamps, and a two year pro-rated warranty on all other components.

# VIQUA™

A TROJAN TECHNOLOGIES COMPANY

425 Clair Rd. W, Guelph, Ontario, Canada N1L 1R1

t. (+1) 519.763.1032 • tf. 1.800.265.7246 (US and Canada only) • t. +31 73 623 8116 (Europe only)

f. (+1) 519.763.5069 e-mail: info@viqua.com www.viqua.com

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