

## Ultraviolet Water Purification System



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

### Features of the Sterilight Cobalt 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.
- The system is easy to maintain and service with easy lamp and cartridge replacement and quick disconnect fittings.
- The ultraviolet lamp can be changed without interrupting the water flow and comes equipped with a connector that allows for easy removal of the lamp without any special tools.
- Built with a durable stainless steel chamber to prolong life and eliminate ultraviolet light degradation.
- Comes equipped with a 5-micron sediment pre-filter to reduce particles in the water.
- Also comes equipped with a 5-micron carbon filter to reduce taste and odour of chlorine.
- High flow polypropylene filter housings with 1" full flow connections, available in either 10" or 20" versions.
- Solid steel mounting bracket, compact design and easy to install.

#### Basic

**SC-200-DWS11** – comes with two 10" high flow filter housings

**SC-320-DWS12** – comes with one 10" and one 20" high flow filter housings

**SC-320-DWS22** – comes with two 20" high flow filter housings

#### Plus (with UV intensity monitor)

**SCM-200-DWS11** – comes with two 10" high flow filter housings

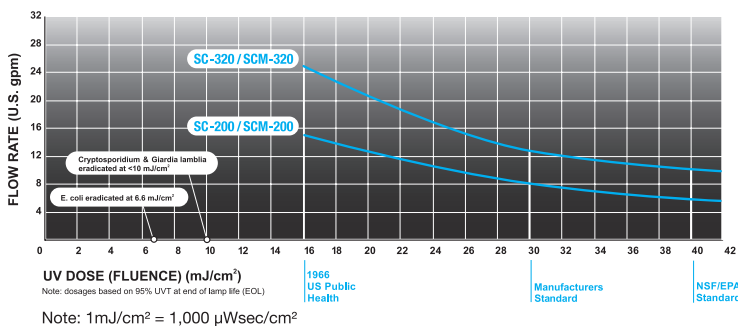
**SCM-320-DWS12** – comes with one 10" and one 20" high flow filter housings

**SCM-320-DWS22** – comes with two 20" high flow filter housings

# SPECIFICATIONS

MODEL	SC-200-DWS11/ SCM-200-DWS11	SC-320-DWS12/ SCM-320-DWS12	SC-320-DWS22/ SCM-320-DWS22
<b>FLOW RATES<sup>1</sup></b>			
VIQUA Standard (30 mJ/cm <sup>2</sup> )	30.3 lpm (8 gpm) (1.8 m <sup>3</sup> /hr)	49.2 lpm (13 gpm) (3.0 m <sup>3</sup> /hr)	49.2 lpm (13 gpm) (3.0 m <sup>3</sup> /hr)
NSF/EPA (40 mJ/cm <sup>2</sup> )	22.7 lpm (6 gpm) (1.4 m <sup>3</sup> /hr)	37.8 lpm (10 gpm) (2.3 m <sup>3</sup> /hr)	37.8 lpm (10 gpm) (2.3 m <sup>3</sup> /hr)
<b>DIMENSIONS</b>			
Overall Dimensions (Width x Depth x Height)	59.7 cm x 20.3 cm x 56 cm (23.5" x 8" x 22")	62 cm x 20.3 cm x 69.3 cm (24.4" x 8" x 27.3")	62 cm x 20.3 cm x 69.3 cm (24.4" x 8" x 27.3")
Inlet/Outlet Port Size	Combo- 3/4" FNPT & 1" MNPT		
Shipping Weight	15.4 kg (34 lbs.)	17.7 kg (39 lbs.)	20 kg (44 lbs.)
<b>ELECTRICAL</b>			
Voltage	100-240V/50-60Hz	100-240V/50-60Hz	100-240V/50-60Hz
Power Consumption	35 W	42 W	42W
Lamp Watts	27 W	34 W	34 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)
Lamp Type	Sterilume™ - HO (high-output)		
Visual "Power-On"	Yes	Yes	Yes
Audible Lamp Failure	Yes	Yes	Yes
Lamp Replacement Reminder	Yes	Yes	Yes
Visual Lamp Life Remaining	Yes	Yes	Yes
Total Running Time	Yes	Yes	Yes
Chamber Material <sup>2</sup>	304 SS	304 SS	304 SS
Filter Housing	Two 10" high flow	One 10" high flow One 20" high flow	Two 20" high flow
<b>SCM MODELS ONLY</b>		<b>SCM-200</b>	<b>SCM-320</b>
254nm UV Monitor		Yes	Yes
Solenoid Output ( <i>solenoid not included</i> )		Yes	Yes
4-20 mA Output		Yes (Optional 260134)	Yes (Optional 260134)

<sup>1</sup>Flow Flow rates stated @ 95% UVT EOL (flow rates based on UV system only, actual DWS system flow rates will vary and will be limited by the installed cartridge)



## Replacement Parts

<b>S200RL-HO</b> – UV lamp for 200 systems
<b>QS-200</b> – quartz sleeve for 200 systems
<b>S320RL-HO</b> – UV lamp for 320 systems
<b>QS-320</b> – quartz sleeve for 320 systems
<b>410867</b> – o-ring for quartz sleeves
<b>RN-001</b> – gland-nut for all systems
<b>BA-ICE-C</b> – controller (100-240V/50-60Hz) for SC models
<b>BA-ICE-CM</b> – controller (100-240V/50-60Hz) for SCM models
<b>254NM-C1</b> – UV monitor assembly for SCM models

## Warranty

Please visit [www.viqua.com](http://www.viqua.com) for the comprehensive warranty for our Sterilight product line.