

## Ultraviolet Water Purification System



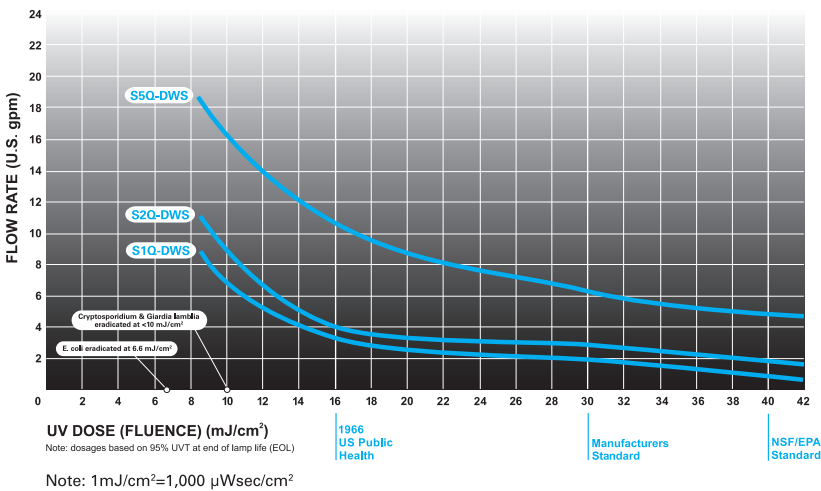
The quality of drinking water can change with time and become contaminated with harmful bacteria. The Sterilight™ drinking water system is a reliable, economical and chemical-free way to safeguard drinking water in any residential application. The Sterilight drinking water system has been designed and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

### Features of the Sterilight UV purification drinking water 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 254 nm 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 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.
- The Cobalt™ ICE power supply visually displays the remaining lamp life and will go into alarm if the lamp fails to notify the homeowner.
- 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.
- Complete do-it-yourself kit including faucet, saddle valve, tubing, and fittings available with the S1Q-DWS and S2Q-DWS models only.

# SPECIFICATIONS

MODEL	S1Q-DWS	S2Q-DWS	S5Q-DWS
<b>FLOW RATES<sup>1</sup></b>			
US Public Health (16 mJ/cm <sup>2</sup> )	12.3 lpm (3.3 gpm) (0.7 m <sup>3</sup> /Hr.)	15 lpm (4 gpm) (0.9 m <sup>3</sup> /Hr.)	41.6 lpm (11 gpm) (2.5 m <sup>3</sup> /Hr.)
VIQUA Standard (30 mJ/cm <sup>2</sup> )	7.5 lpm (2 gpm) (0.5 m <sup>3</sup> /Hr.)	11 lpm (3 gpm) (0.7 m <sup>3</sup> /Hr.)	22.7 lpm (6 gpm) (1.4 m <sup>3</sup> /Hr.)
NSF/EPA (40 mJ/cm <sup>2</sup> )	5.5 lpm (1.5 gpm) (0.3 m <sup>3</sup> /Hr.)	7.5 lpm (2 gpm) (0.5 m <sup>3</sup> /Hr.)	17 lpm (4.5 gpm) (1.0 m <sup>3</sup> /Hr.)
<b>DIMENSIONS</b>			
Overall Dimensions (Width x Height x Depth)	35.5 cm x 40.6 cm x 15 cm (14" x 16" x 6")	39 cm x 40.6 cm x 15 cm (15.5" x 16" x 6")	52 cm x 71 cm x 15 cm (20.5" x 28" x 6")
Shipping Weight	6.5 kg (14.3 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	19W	22W	30W
Lamp Watts	14W	17W	24W
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" / Audible Lamp Failure	YES /YES	YES /YES	YES /YES
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>S287RL</b> – UV lamp for S1Q-DWS
<b>S330RL</b> – UV lamp for S2Q-DWS
<b>S463RL</b> – UV lamp for S5Q-DWS
<b>QS-001</b> – quartz sleeve for S1Q-DWS
<b>QS-330</b> – quartz sleeve for S2Q-DWS
<b>QS-463</b> – quartz sleeve for S5Q-DWS
<b>410867</b> – o-ring for quartz sleeve
<b>BA-ICE-S</b> – electronic ICE ballast (100-240V/50-60Hz.)
<b>AWP-110</b> – 5 micron sediment cartridge for S1Q-DWS & S2Q-DWS
<b>AWP-117</b> – dual purpose carbon cartridge for S1Q-DWS & S2Q-DWS
<b>SW5-2</b> – 5 micron sediment cartridge for S5Q-DWS
<b>C-02</b> – carbon block cartridge for S5Q-DWS

## Available Models

<b>S1Q-DWS</b> – 7.5 L/min (2 gpm) includes disinfection system, sediment filter, carbon filter, bracket and complete installation kit including tubing, faucet, fittings and saddle valve.
<b>S2Q-DWS</b> – 11 L/min (3.0 gpm) includes disinfection system, sediment filter, carbon filter, bracket and complete installation kit including tubing, faucet, fittings and saddle valve.
<b>S5Q-DWS</b> – 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](http://www.viqua.com) for the comprehensive warranty for our Sterilight product line.