

Ultraviolet Water Purification System



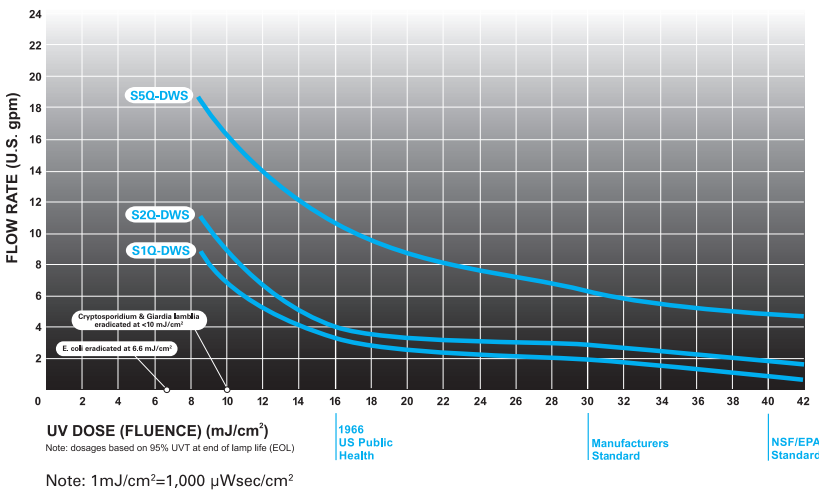
The quality of drinking water can change with time and become contaminated with harmful bacteria. The Sterilight™ drinking water system is a reliable, economical and chemical-free way to safeguard drinking water in any residential application. The Sterilight drinking water system has been designed and 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
FLOW RATES¹			
US Public Health (16 mJ/cm ²)	12.3 lpm (3.3 gpm) (0.7 m ³ /Hr.)	15 lpm (4 gpm) (0.9 m ³ /Hr.)	41.6 lpm (11 gpm) (2.5 m ³ /Hr.)
VIQUA Standard (30 mJ/cm ²)	7.5 lpm (2 gpm) (0.5 m ³ /Hr.)	11 lpm (3 gpm) (0.7 m ³ /Hr.)	22.7 lpm (6 gpm) (1.4 m ³ /Hr.)
NSF/EPA (40 mJ/cm ²)	5.5 lpm (1.5 gpm) (0.3 m ³ /Hr.)	7.5 lpm (2 gpm) (0.5 m ³ /Hr.)	17 lpm (4.5 gpm) (1.0 m ³ /Hr.)
DIMENSIONS			
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)
ELECTRICAL			
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

S287RL – UV lamp for S1Q-DWS
S330RL – UV lamp for S2Q-DWS
S463RL – UV lamp for S5Q-DWS
QS-001 – quartz sleeve for S1Q-DWS
QS-330 – quartz sleeve for S2Q-DWS
QS-463 – quartz sleeve for S5Q-DWS
410867 – o-ring for quartz sleeve
BA-ICE-S – electronic ICE ballast (100-240V/50-60Hz.)
AWP-110 – 5 micron sediment cartridge for S1Q-DWS & S2Q-DWS
AWP-117 – dual purpose carbon cartridge for S1Q-DWS & S2Q-DWS
SW5-2 – 5 micron sediment cartridge for S5Q-DWS
C-02 – carbon block cartridge for S5Q-DWS

Available Models

S1Q-DWS – 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.
S2Q-DWS – 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.
S5Q-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.