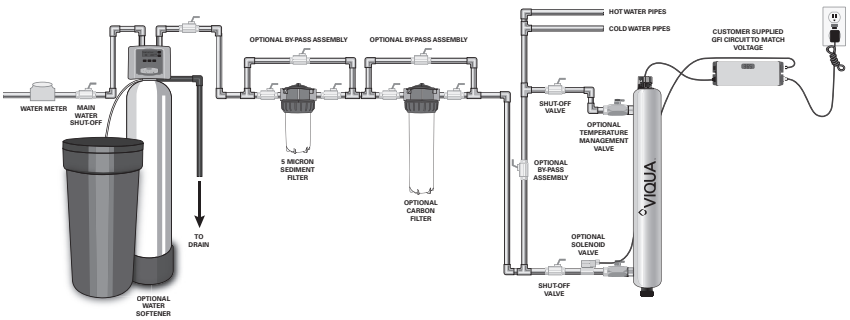
S5Q-PA, S8Q-PA, VH200, VH410 & VH410M

Ultraviolet Water Disinfection Systems from VIQUA

The quality of drinking water can change with time and become contaminated with harmful bacteria. The VIQUA **HOME family** of compact UV disinfection systems provide a **reliable**, **economical,** and **chemical-free** way to safeguard drinking water in any residential application. VIQUA's range of products have been designed and tested to ensure quality drinking water is at everyone's finger tips.

Regardless of your need, there is a VIQUA system to suit your requirements. **VIQUA offers systems that range in flow rates from just 6 GPM for a small home or cottage, up to 18 GPM for a larger home or small business**.





Features of VIQUA UV water disinfection systems

- 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 and -HO lamps provide **consistent and reliable** ultraviolet output over the entire life of the lamp (9000 hours) to ensure continuous purification.
- The system is simple to maintain and service allowing for easy lamp replacement.
- Built with a **durable stainless steel chamber** to prolong life and eliminate ultraviolet light degradation.
- Safety-Loc™ connector with interlock that ensures power is disconnected before lamp can be removed.
- The controller visually displays the remaining lamp life and will go into alarm if the lamp fails. Monitored systems are equipped with a UV sensor which provides a continuous readout of UV intensity.
- Monitored systems allow for the installation of an optional solenoid valve which will stop the flow of water through the chamber should the UV performance fall below a safe level.

Specifications

MODEL	S5Q-PA	S8Q-PA	VH200	VH410	VH410M
					
FLOW RATES (@ 95% UVT)					
US Public Health (16 mJ/cm²)	11 GPM (42 lpm) (2.5 m³/hr)	19 GPM (72 lpm) (4.3 m³/hr)	16 GPM (60 lpm) (3.6 m³/hr)	34 GPM (130 lpm) (7.8 m³/hr)	34 GPM (130 lpm) (7.8 m³/hr)
VIQUA Standard (30 mJ/cm²)	6 GPM (23 lpm) (1.4 m³/hr)	10 GPM (38 lpm) (2.3 m³/hr)	9 GPM (34 lpm) (2.0 m³/hr)	18 GPM (70 lpm) (4.2 m³/hr)	18 GPM (70 lpm) (4.2 m³/hr)
NSF/EPA (40 mJ/cm²)	4.5 GPM (17 lpm) (1.0 m³/hr)	8 GPM (29 lpm) (1.8 m³/hr)	7 GPM (26 lpm) (1.6 m³/hr)	14 GPM (54 lpm) (3.3 m³/hr)	14 GPM (54 lpm) (3.3 m³/hr)
DIMENSIONS					
Chamber	22″ x 2.5″ (56.1 cm x 6.5 cm)	35.5″ x 2.5″ (90.4 cm x 6.5 cm)	17.75″ x 3.5″ (45 cm x 8.9 cm)	23.5″ x 3.5″ (59.6 cm x 8.9 cm)	23.5″ x 3.5″ (59.6 cm x 8.9 cm)
Controller	7.25″ x 3.25″ x 2.5″ (18.6 cm x 8.1 cm x 6.4 cm)	7.25″ x 3.25″ x 2.5″ (18.6 cm x 8.1 cm x 6.4 cm)	7.25″ x 3.25″ x 2.5″ (18.6 cm x 8.1 cm x 6.4 cm)	7.25″ x 3.25″ x 2.5″ (18.6 cm x 8.1 cm x 6.4 cm)	9.25″ x 3.25 x 2.5″ (24 cm x 8.1 cm x 6.9 cm)
Inlet/Outlet Port Size	3/4″ MNPT*	3/4″ MNPT*	3/4″ - 1″ MNPT COMBO*	3/4″ - 1″ MNPT COMBO*	3/4″ - 1″ MNPT COMBO*
Shipping Weight	8 lbs (3.6 kg)	11 lbs (5 kg)	12 lbs (5.4 kg)	17 lbs (7.7 kg)	17 lbs (7.7 kg)
ELECTRICAL					
Voltage	100-240V / 50/60 Hz	100-240V / 50/60 Hz	100-240V / 50/60 Hz	100-240V / 50/60 Hz	100-240V / 50/60 Hz
Power Consumption	30 W	46 W	35 W	60 W	60 W
Maximum Operating Pressure	125 psi (8.62 bar)	125 psi (8.62 bar)	125 psi (8.62 bar)	125 psi (8.62 bar)	125 psi (8.62 bar)
Influent Water Temperature	2-40°C (36-104°F)	2-40°C (36-104°F)	2-40°C (36-104°F)	2-40°C (36-104°F)	2-40°C (36-104°F)
FEATURES					
Visual "Power On"	YES	YES	YES	YES	YES
Chamber Material	304 SS	304 SS	304 SS	304 SS	304 SS
Visual Lamp Life Remaining	YES	YES	YES	YES	YES
Audible Lamp Life Failure	YES	YES	YES	YES	YES
Audible Lamp Replacement Reminder	YES	YES	YES	YES	YES
UV Sensor	NO	NO	NO	NO	YES

* /2B - BSP

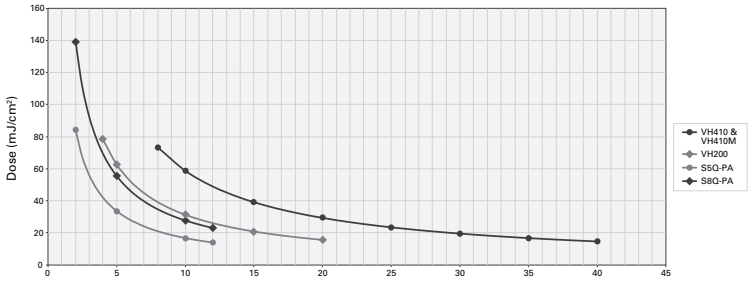
Replacement Parts

S463RL – UV lamp for S5Q-PA	**QS-410** – quartz sleeve for VH410 & VH410M
S810RL – UV lamp for S8Q-PA	**410867** – o-ring for quartz sleeves
S200RL – UV lamp for VH200	**RN-001** – retaining nut for all systems
S410RL – UV lamp for VH410 & VH410M	**BA-ICE-S** – electronic ICE controller for S5Q-PA and S8Q-PA
QS-463 – quartz sleeve for S5Q-PA	**BA-ICE-CL** – electronic ICE controller for VH200, VH410
QS-810 – quartz sleeve for S8Q-PA	**BA-ICE-CM** – electronic ICE controller VH410M
QS-001 – quartz sleeve for VH200	

Water Quality Parameters

Hardness	Iron	Tannins
< 7 grains (120 mg/L)	< 0.3 mg/L	< 0.1 mg/L

S5Q-PA, S8Q-PA, VH200, VH410, & VH410M DOSE CURVES



VIQUA™ simply safe water

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