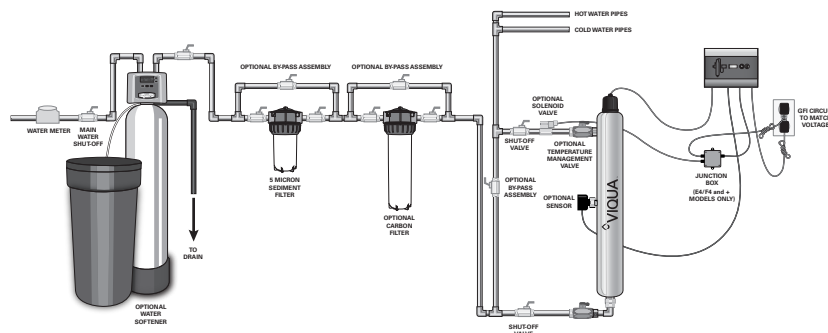


Ultraviolet Water Disinfection Systems from VIQUA

The quality of drinking water can change with time and become contaminated with harmful bacteria. The **PROFESSIONAL** family of compact UV disinfection systems provide a **reliable, economical, and chemical-free** way to safeguard drinking water in any residential or light commercial application. VIQUA's 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 22 GPM (5 m³/hr) up to 46 GPM (10 m³/hr) for small businesses and public facilities



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 high output lamps provide consistent and reliable ultraviolet output over the entire life of the lamp (9000 hours) to ensure continuous purification, and offer superior performance in a wide range of water conditions.
- The system is easy to maintain and service with easy lamp and quartz sleeve replacement.
- Built with a durable stainless steel chamber to prolong life and eliminate ultraviolet light degradation.
- **NEW** LCD controller features a large backlit display for easy reading, simultaneously displaying lamp life remaining, UV Intensity Status (E4/E4+, & F4/F4+ only), support contact information, and lamp replacement reminder that indicates when the lamp needs to be replaced, ensuring continued water safety. The intuitive, user-friendly menu is dealer programmable and allows the user to quickly find the replacement parts needed for the system by using the replacement parts menu, dealer contact information, as well as on board quick-reference instructions for system troubleshooting.
- The special lamp plug ensures that no one can power the UV lamp if it's not in the UV chamber.

VP600M, VP950M, E4+, & F4+

- User friendly sensor ensures safe UV levels are maintained.
- Monitored systems have a specialized 254nm UV intensity sensor which notifies homeowner of changes in UV performance.
- 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 a level.

Specifications

				
MODEL				
N. America	VP600; VP600M;	VP950; VP950M;	E4; E4+ (650682; 650683)	F4; F4+ (650686; 650687)
EU CEE 7/7	VP600/2; VP600M/2;	VP950/2; VP950M/2;	650718; 650719	650720; 650721
AUS/NZ 3112	VP600/2A; VP600M/2A;	VP950/2A; VP950M/2A;	--	--
UK BS 1363	VP600/2B; VP600M/2B	VP950/2B; VP950/2B	--	--
FLOW RATES (@ 95% UVT) 20°C; End of Lamp Life				
US Public Health (16 mJ/cm ²)	40 GPM (150 lpm) (9.0 m ³ /hr)	60 GPM (230 lpm) (13.7 m ³ /hr)	42 GPM (160 lpm) (9.6 m ³ /hr)	45 GPM (170 lpm) (10.2 m ³ /hr)
VIQUA Standard (30 mJ/cm ²)	24 GPM (91 lpm) (5.5 m ³ /hr)	34 GPM (130 lpm) (7.8 m ³ /hr)	22 GPM (83 lpm) (5 m ³ /hr)	36 GPM (136 lpm) (8.2 m ³ /hr)
NSF/EPA (40 mJ/cm ²)	18 GPM (68 lpm) (4.1 m ³ /hr)	26 GPM (97 lpm) (5.8 m ³ /hr)	16 GPM (60 lpm) (3.6 m ³ /hr)	27 GPM (102 lpm) (6.1 m ³ /hr)
DIMENSIONS				
Chamber	30.3" x 3.5" (78 cm x 8.9 cm)	45" x 3.5" (114 cm x 8.9 cm)	30" x 4" (76 cm x 10 cm)	44.25" x 4" (112.5 cm x 10 cm)
Controller	9.3" x 3.25" x 2.5" (24.1 cm x 8.1 cm x 6.4 cm)	9.3" x 3.25" x 2.5" (24.1 cm x 8.1 cm x 6.4 cm)	8.5" x 6" x 3" (22 cm x 15 cm x 7.6 cm)	8.5" x 6" x 3" (22 cm x 15 cm x 7.6 cm)
Inlet/Outlet Port Size	1" MNPT*	1 1/2" MNPT*	1" MNPT	1" MNPT
Shipping Weight	14 lbs (6.4 kg)	19 lbs (8.6 kg)	13 lbs (5.9 kg)	18 lbs (8.2 kg)
ELECTRICAL				
Voltage	100-240V / 50/60 Hz	100-240V / 50/60 Hz	100-240V / 50/60 Hz	100-240V / 50/60 Hz
Power Consumption	78 W	110 W	83 W	130 W
Maximum Operating Pressure	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)
FEATURES				
Visual "Power On"	YES	YES	YES	YES
Chamber Material	304 SS	304 SS	304 SS	304 SS
Visual Lamp Life Remaining	YES	YES	YES	YES
Audible Lamp Failure	YES	YES	YES	YES
Audible Lamp Replacement Reminder	YES	YES	YES	YES
Solenoid Valve	Optional - SOL-1.0 or SOL-1.0/2	Optional - SOL-1.0 or SOL-1.0/2	Optional (650717-002)	Optional (650717-002)
UV Sensor	VP600M	VP950M	E4+	E4+

* /2B - BSP

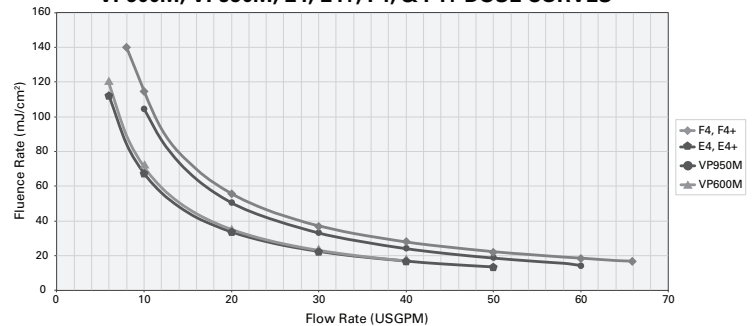
Replacement Parts

S600RL-HO – UV lamp for VP600 & VP600M	602734 – quartz sleeve for F4 & F4+
S950RL-HO – UV lamp for VP950 & VP950M	BA-ICE-C – controller for VP600 & VP950
602806 – UV lamp for E4 & E4+	BA-ICE-CM – controller for VP600M & VP950M
602807 – UV lamp for F4 & F4+	650733R-001 – controller E4, E4+, F4 & F4+
QSO-600 – quartz sleeve for VP600 & VP600M	650703 – sensor for E4+ & F4+
QSO-950 – quartz sleeve for VP950 & VP950M	254NM-C1 – sensor for VP600M & VP950M
602733 – quartz sleeve for E4 & E4+	

Water Quality Parameters

Hardness < 7 grains (120 mg/L)	Iron < 0.3 mg/L	Tannins < 0.1 mg/L
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VP600M, VP950M, E4, E4+, F4, & F4+ DOSE CURVES*

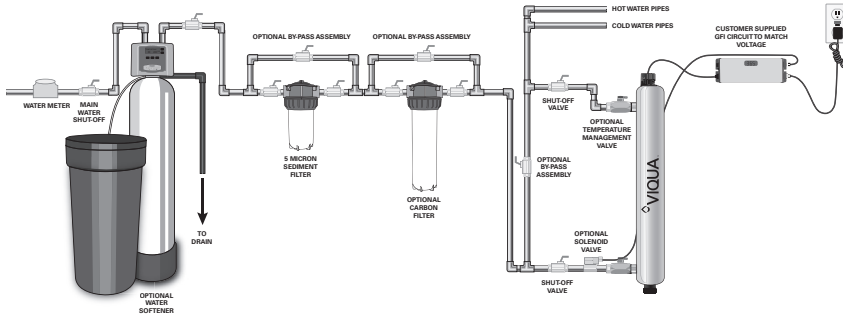


* @ 95% UVT and 20°C

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

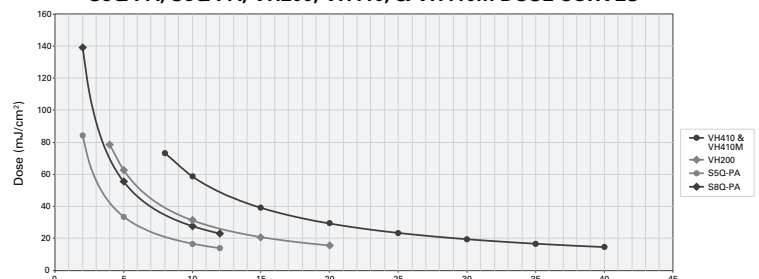
					
MODEL	S5Q-PA	S8Q-PA	VH200	VH410	VH410M
FLOW RATES (@ 95% UVT)					
US Public Health (16 mJ/cm ²)	11 GPM (42 lpm) (2.5 m ³ /hr)	19 GPM (72 lpm) (4.3 m ³ /hr)	16 GPM (60 lpm) (3.6 m ³ /hr)	34 GPM (130 lpm) (7.8 m ³ /hr)	34 GPM (130 lpm) (7.8 m ³ /hr)
VIQUA Standard (30 mJ/cm ²)	6 GPM (23 lpm) (1.4 m ³ /hr)	10 GPM (38 lpm) (2.3 m ³ /hr)	9 GPM (34 lpm) (2.0 m ³ /hr)	18 GPM (70 lpm) (4.2 m ³ /hr)	18 GPM (70 lpm) (4.2 m ³ /hr)
NSF/EPA (40 mJ/cm ²)	4.5 GPM (17 lpm) (1.0 m ³ /hr)	8 GPM (29 lpm) (1.8 m ³ /hr)	7 GPM (26 lpm) (1.6 m ³ /hr)	14 GPM (54 lpm) (3.3 m ³ /hr)	14 GPM (54 lpm) (3.3 m ³ /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-463 – quartz sleeve for S5Q-PA
S810RL – UV lamp for S8Q-PA	QS-810 – quartz sleeve for S8Q-PA
S200RL-HO – UV lamp for VH200	QS-001 – quartz sleeve for VH200
S410RL-HO – UV lamp for VH410 & VH410M	QS-410 – quartz sleeve for VH410 & VH410M
QL-200 – quartz sleeve, UV lamp combo pack for VH200	410867 – o-ring for quartz sleeves
QL-410 – quartz sleeve, UV lamp combo pack for VH410 & VH410M	RN-001 – retaining nut for all systems
S463-QL – quartz sleeve, UV lamp combo pack for S5Q-PA	BA-ICE-S – electronic ICE controller for S5Q-PA and S8Q-PA
S810-QL – quartz sleeve, UV lamp combo pack for S8Q-PA	BA-ICE-CL – electronic ICE controller for VH200, VH410
BA-ICE-CM – electronic ICE controller VH410M	

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



Water Quality Parameters

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