

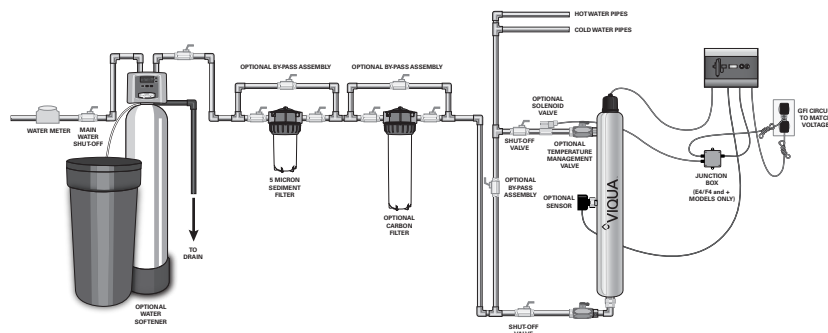


# VP600, VP950, E4, E4+, F4, & F4+

## Ultraviolet Water Systems from VIQUA

The **PROFESSIONAL family** of compact UV systems provide a **reliable** and **economical** way to treat drinking water in virtually 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 m<sup>3</sup>/hr) up to 46 GPM (10 m<sup>3</sup>/hr) for small businesses and public facilities







### Features of VIQUA UV water systems

- Equipped to inactivate **Cryptosporidium**, **Giardia**, and **E.Coli**.
- 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 inactivation, 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.
- LCD controller (E4/E4+ & F4/F4+ only) features a large backlit display for easy reading, simultaneously displaying lamp life remaining, UV Intensity Status, 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

				
<b>MODEL</b>				
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	--	--
<b>FLOW RATES</b> (@ 95% UVT) 20°C; End of Lamp Life				
US Public Health (16 mJ/cm <sup>2</sup> )	40 GPM (150 lpm) (9.0 m <sup>3</sup> /hr)	60 GPM (230 lpm) (13.7 m <sup>3</sup> /hr)	42 GPM (160 lpm) (9.6 m <sup>3</sup> /hr)	45 GPM (170 lpm) (10.2 m <sup>3</sup> /hr)
VIQUA Standard (30 mJ/cm <sup>2</sup> )	24 GPM (91 lpm) (5.5 m <sup>3</sup> /hr)	34 GPM (130 lpm) (7.8 m <sup>3</sup> /hr)	22 GPM (83 lpm) (5 m <sup>3</sup> /hr)	36 GPM (136 lpm) (8.2 m <sup>3</sup> /hr)
NSF/EPA (40 mJ/cm <sup>2</sup> )	18 GPM (68 lpm) (4.1 m <sup>3</sup> /hr)	26 GPM (97 lpm) (5.8 m <sup>3</sup> /hr)	16 GPM (60 lpm) (3.6 m <sup>3</sup> /hr)	27 GPM (102 lpm) (6.1 m <sup>3</sup> /hr)
<b>DIMENSIONS</b>				
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)
<b>ELECTRICAL</b>				
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)
<b>FEATURES</b>				
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

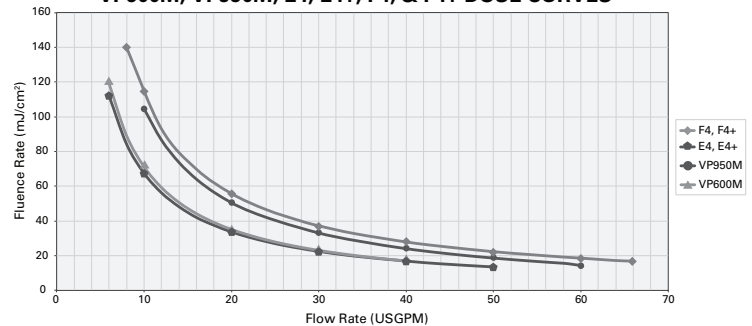
## Replacement Parts

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

## Water Quality Parameters

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



\* @ 95% UVT and 20°C



425 Clair Rd. W, Guelph, Ontario, Canada N1L 1R1  
t. 1.519.763.1032 • f. 1.519.763.5069 • tf. 1.800.265.7246 (US/CAN) • t. +31.73.747.0144 (EUR)  
info@viqua.com • [www.viqua.com](http://www.viqua.com)

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