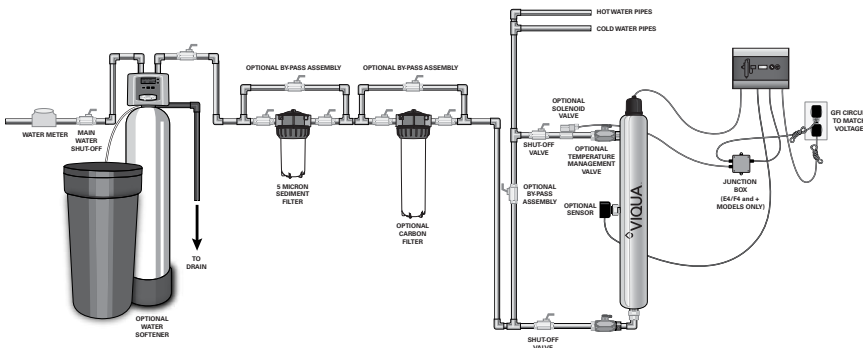


# VP600, VP950, E4, E4+, F4, & F4+

## Ultraviolet Water Treatment Systems from VIQUA

The **VIQUA PROFESSIONAL family** of compact UV systems provides a reliable and economical way to treat drinking water in light commercial applications. Our systems range in flow rates from 22 gpm (5 m<sup>3</sup>/hr) to 46 gpm (10 m<sup>3</sup>/hr) for small businesses and public facilities.

VIQUA's products have been designed and tested to ensure quality drinking water is at everyone's finger tips. Our monitored systems have a specialized 254nm UV intensity sensor, which notifies the owner of changes in UV performance.



### Features of VIQUA UV water systems

- Capable of inactivating common waterborne pathogens, including *cryptosporidium*, *giardia*, *pathogenic E. coli (STEC/VTEC)*, *campylobacter*, *legionella*, *salmonella*, *shigella*, *norovirus*, *enterovirus*, and *hepatitis A virus*\*
- Specially designed and tested high-output lamps that provide consistent, reliable ultraviolet output over the entire life of the lamp (9,000 hours) to ensure continuous inactivation and superior performance in a wide range of water conditions
- Simple to maintain and service, allowing for easy lamp replacement
- Durable stainless-steel chamber to prolong life and eliminate ultraviolet light degradation
- User-friendly sensor to ensure safe UV levels are maintained
- Optional solenoid valve to stop the flow of water through the chamber should UV performance fall below the optimal level
- Special lamp plug to ensure no one can power the UV lamp if it's not in the chamber

\*Efficacy of VIQUA systems has been demonstrated in internal testing. Visit [VIQUA.com](http://VIQUA.com) for details.

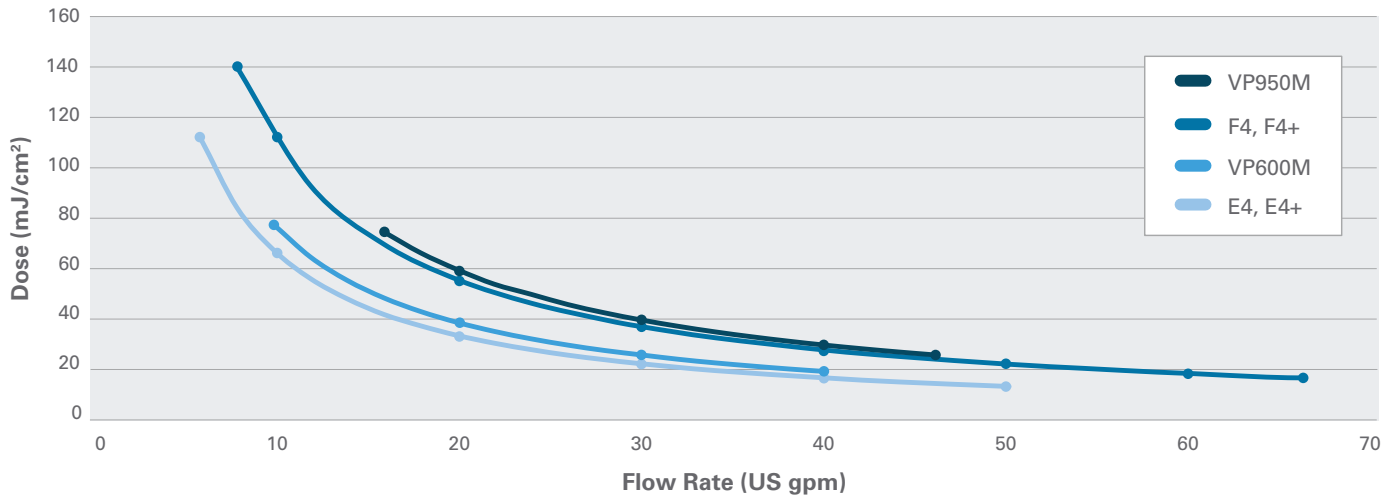


## Specifications

VP600 Series		VP950 Series		E4 Series	F4 Series
Model					
North America	VP600, VP600M	VP950, VP950M	E4 (650682), E4+ (650683)	F4 (650686), F4+ (650687)	
EU CEE 7/7	VP600/2, VP600M/2	VP950/2, VP950M/2	650718, 650719	65070, 65071	
AUS/NZ 3112	VP600/2A, VP600M/2A	VP950/2A, VP950M/2A	–	–	
UK BS 1363	VP600/2B, VP600M/2B	VP950/2B, VP950M/2B	–	–	
Flow rates (@ 95% UVT)					
US Public Health (16 mJ/cm²)	40 gpm (150 lpm) (9.0 m³/hr)	60 gpm (230 lpm) (13.7 m³/hr)	42 gpm (160 lpm) (9.6 m³/hr)	45 gpm (170 lpm) (10.2 m³/hr)	
VIQUA Standard (30 mJ/cm²)	24 gpm (91 lpm) (5.5 m³/hr)	34 gpm (130 lpm) (7.8 m³/hr)	22 gpm (83 lpm) (5 m³/hr)	36 gpm (136 lpm) (8.2 m³/hr)	
NSF/EPA (40 mJ/cm²)	18 gpm (68 lpm) (4.1 m³/hr)	26 gpm (97 lpm) (5.8 m³/hr)	16 gpm (60 lpm) (3.6 m³/hr)	27 gpm (102 lpm) (6.1 m³/hr)	
Dimensions					
Chamber	30.3 in. x 3.5 in. (78 cm x 8.9 cm)	45 in. x 3.5 in. (114 cm x 8.9 cm)	30 in. x 4 in. (76 cm x 10 cm)	44.25 in. x 4 in. (112.5 cm x 10 cm)	
Controller	9.3 in. x 3.25 in. x 2.5 in. (24.1 cm x 8.1 cm x 6.4 cm)		8.5 in. x 6 in. x 3 in. (22 cm x 15 cm x 7.6 cm)		
Inlet and outlet port size	1 in. MNPT†	1.5 in. MNPT†	1 in. MNPT	1 in. 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)				
Power consumption	78W	110W	83W	130W	
Maximum operating pressure	125 psi (8.62 bar)				
Influent water temperature	2 to 40°C (36 to 104°F)				
Features					
Visual “power on”	Y	Y	Y	Y	
Chamber material	304 stainless steel	304 stainless steel	304 stainless steel	304 stainless steel	
Visual lamp life remaining	Y	Y	Y	Y	
Audible lamp failure	Y	Y	Y	Y	
Audible lamp replacement reminder	Y	Y	Y	Y	
UV sensor	VP600M	VP950M	E4+	F4+	
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)	

<sup>†</sup> /2B – BSP

## VP600M, VP950M, E4, E4+, F4, and F4+ at 95% UVT and 20°C at End of Life



### Replacement parts

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

### 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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To learn more about the VIQUA PROFESSIONAL family and the efficacy of its UV treatment systems, visit [VIQUA.com](https://www.viqua.com)