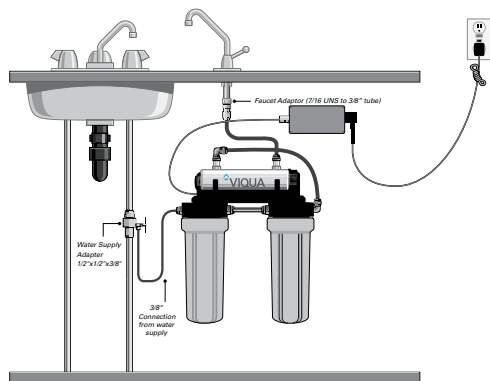


## Ultraviolet Water Systems from VIQUA

The **TAP family** of compact UV water systems with integrated pre-filtration provide a **reliable** and **economical** way to treat drinking water in virtually any residential application. VIQUA's products have been designed and tested to ensure quality drinking water is at everyone's finger tips.

To address recent concerns around lead contamination of drinking water, two-sump DWS systems now feature lead reduction capability, offering a more complete water treatment system for your home.

Regardless of your need, there is a VIQUA system to suit your requirements. VIQUA offers systems that range in flow rates from just 1 GPM (0.25 m<sup>3</sup>/hr) for a single faucet up to 3.5 GPM (0.8 m<sup>3</sup>/hr) for a small home or cottage.



### Features of VIQUA UV water systems

- Specially designed and tested Sterilume™-EX 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.
- The power supply features an LED power/lamp on indicator.
- Built with a durable stainless steel chamber to prolong life and eliminate ultraviolet light degradation.
- Drinking Water Systems come equipped with a 5-micron sediment filter and a carbon filter to reduce the taste and odour of chlorine and remove lead.
- Complete do-it-yourself kit includes faucet, adaptor valve, tubing, and fittings is standard with the VT1-DWS model.
- Safety-Loc™ connector with interlock that ensures power is disconnected before lamp can be removed, hidden ground wire.

## Specifications



MODEL	VT1-DWS	VT4-DWS	VT4-DWS11
<b>FLOW RATES (@ 95% UVT)</b>			
US Public Health (16 mJ/cm <sup>2</sup> )	2 GPM (8 lpm) (0.5 m <sup>3</sup> /hr)	6.5 GPM (24 lpm) (1.4 m <sup>3</sup> /hr)	6.5 GPM (24 lpm) (1.4 m <sup>3</sup> /hr)
VIQUA Standard (30 mJ/cm <sup>2</sup> )	1 GPM (4 lpm) (0.25 m <sup>3</sup> /hr)	3.5 GPM (13 lpm) (0.8 m <sup>3</sup> /hr)	3.5 GPM (13 lpm) (0.8 m <sup>3</sup> /hr)
NSF/EPA (40 mJ/cm <sup>2</sup> )	0.7 GPM (3 lpm) (0.2 m <sup>3</sup> /hr)	2.5 GPM (9 lpm) (0.6 m <sup>3</sup> /hr)	2.5 GPM (9 lpm) (0.6 m <sup>3</sup> /hr)
<b>DIMENSIONS</b>			
Overall	15" x 17" x 6" (38 cm x 43 cm x 15 cm)	19" x 27.5" x 6" (48 cm x 70 cm x 15 cm)	19" x 17" x 6" (48 cm x 43 cm x 15 cm)
Controller	5 1/4" x 2" x 1 3/4" (13.3 cm x 5 cm x 4.5 cm)	5 1/4" x 2" x 1 3/4" (13.3 cm x 5 cm x 4.5 cm)	5 1/4" x 2" x 1 3/4" (13.3 cm x 5 cm x 4.5 cm)
Inlet/Outlet Port Size	3/8" TUBE / 3/8" TAP	3/8" TUBE / 3/8" TUBE	3/8" TUBE / 3/8" TUBE
Shipping Weight	14 lbs (6.4 kg)	20 lbs (9.1 kg)	16 lbs (7.3 kg)
<b>ELECTRICAL</b>			
Voltage	100-240V / 50/60 Hz	100-240V / 50/60 Hz	100-240V / 50/60 Hz
Power Consumption	13 W	20 W	20 W
Maximum Operating Pressure	100 psi (6.9 bar)	100 psi (6.9 bar)	100 psi (6.9 bar)
Influent Water Temperature	4-38°C (40-100°F)	4-38°C (40-100°F)	4-38°C (40-100°F)
<b>FEATURES</b>			
Visual "Power On"	YES	YES	YES
Chamber Material	304 SS	304 SS	304 SS
Visual Lamp Life Remaining	NO	NO	NO
Audible Lamp Failure	NO	NO	NO
Audible Lamp Replacement Reminder	NO	NO	NO
Sediment Filtration	YES - 5 micron	YES - 5 micron	YES - 5 micron
Carbon Filtration	YES	YES	YES

## Replacement Parts

<b>S212RL</b> – UV lamp for VT1-DWS	<b>BA-VT</b> – integral controller and lamp connector for VT1-DWS, VT4-DWS, & VT4-DWS11
<b>S330RL</b> – UV lamp for VT4-DWS & VT4-DWS11	<b>AWP-110</b> – 5 micron sediment cartridge for VT1-DWS & VT4-DWS11
<b>QS-212</b> – quartz sleeve for VT1-DWS	<b>C-01PB</b> – carbon cartridge for VT1-DWS & VT4-DWS11
<b>QS-330</b> – quartz sleeve for VT4-DWS & VT4-DWS11	<b>AWP-110-2</b> – 5 micron sediment cartridge for VT4-DWS
<b>410867</b> – o-ring for quartz sleeve	<b>C-02PB</b> – carbon block cartridge for VT4-DWS

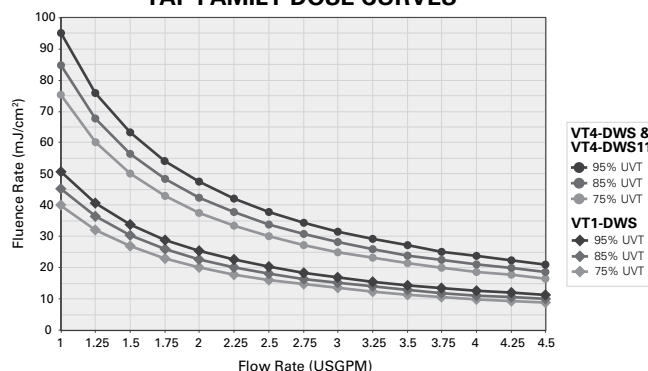
## Water Quality Parameters

**Hardness**  
< 7 grains (120 mg/L)

**Iron**  
< 0.3 mg/L

**Tannins**  
< 0.1 mg/L

### TAP FAMILY DOSE CURVES



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