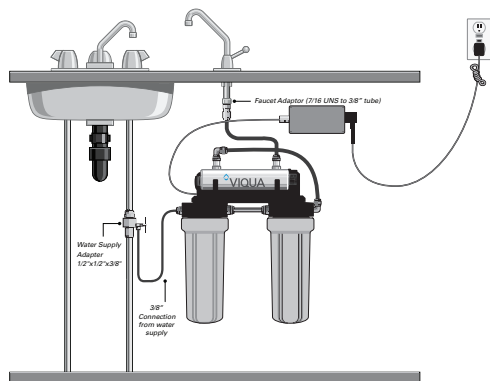


Ultraviolet Water Disinfection Systems from VIQUA

The quality of drinking water can change with time and become contaminated with harmful bacteria. The **TAP family** of compact UV disinfection systems with integrated pre-filtration provide a **reliable, economical, and chemical-free** way to safeguard drinking water in 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 removal capability, offering a more complete water treatment and disinfection 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 m³/hr) for a single faucet up to 3.5 GPM (0.8 m³/hr) for a small home or cottage.



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 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
FLOW RATES (@ 95% UVT)			
US Public Health (16 mJ/cm ²)	2 GPM (8 lpm) (0.5 m ³ /hr)	6.5 GPM (24 lpm) (1.4 m ³ /hr)	6.5 GPM (24 lpm) (1.4 m ³ /hr)
VIQUA Standard (30 mJ/cm ²)	1 GPM (4 lpm) (0.25 m ³ /hr)	3.5 GPM (13 lpm) (0.8 m ³ /hr)	3.5 GPM (13 lpm) (0.8 m ³ /hr)
NSF/EPA (40 mJ/cm ²)	0.7 GPM (3 lpm) (0.2 m ³ /hr)	2.5 GPM (9 lpm) (0.6 m ³ /hr)	2.5 GPM (9 lpm) (0.6 m ³ /hr)
DIMENSIONS			
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)
ELECTRICAL			
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	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)
FEATURES			
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

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

