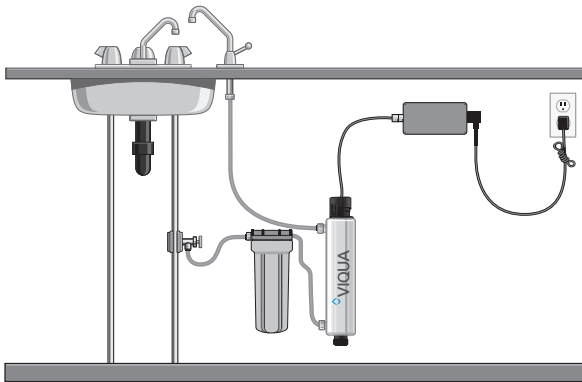


## Ultraviolet Water Disinfection Systems from VIQUA

The quality of drinking water can change with time and become contaminated with harmful bacteria. The **TAP family** of compact UV disinfection systems 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.

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 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.
- Safety-Loc™ connector with interlock that ensures power is disconnected before lamp can be removed, hidden ground wire.
- The system is easy to maintain and service.
- Built with a **durable stainless steel chamber** to prolong life and eliminate ultraviolet light degradation.
- The power supply features an LED power/lamp on indicator.

# Specifications



MODEL	VT1; VT1/2; VT1/2A; VT1/2B	VT4; VT4/2; VT4/2A; VT4/2B	S2Q-PA; S2Q-PA/2; S2Q-PA/2A; S2Q-PA/2B
<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)	5 GPM (18 lpm) (1.1 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 GPM (11 lpm) (0.7 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 GPM (8 lpm) (0.4 m <sup>3</sup> /hr)
<b>DIMENSIONS</b>			
Chamber	12.5" x 2.5" (31.75 cm x 6.5 cm)	17" x 2.5" (43.6 cm x 6.5 cm)	17" x 2.5" (43.6 cm x 6.5 cm)
Controller	12 1/2" x 2 1/2" (31.8 cm x 6.5 cm)	15" x 2 1/2" (38 cm x 6.5 cm)	15" x 2 1/2" (38 cm x 6.5 cm)
Inlet/Outlet Port Size	3/8" FNPT / 1/2" MNPT*	1/2" MNPT*	1/2" MNPT*
Shipping Weight	4 lbs (1.8 kg)	6.5 lbs (2.8 kg)	7 lbs (3.2 kg)
<b>ELECTRICAL</b>			
Voltage	100-140V	100-140V	100-140V
Voltage (/2, /2A, /2B)	200-240V	200-240V	200-240V
Power Consumption	13 W	20 W	22 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)
<b>FEATURES</b>			
Visual "Power On"	YES	YES	YES
Chamber Material	304 SS	304 SS	304 SS
Visual Lamp Life Remaining	NO	NO	YES
Audible Lamp Failure	NO	NO	YES
Audible Lamp Replacement Reminder	NO	NO	YES

\* /2B - BSP

## Replacement Parts

<b>S212RL</b> – UV lamp for VT1	<b>BA-VT</b> – controller for VT1 & VT4
<b>S330RL</b> – UV lamp for VT4 & S2Q-PA	<b>BA-VT/2</b> – controller for VT1/2 & VT4/2
<b>QS-212</b> – quartz sleeve for VT1	<b>BA-VT/2A</b> – controller for VT1/2A & VT4/2A
<b>QS-330</b> – quartz sleeve for VT4 & S2Q-PA	<b>BA-VT/2B</b> – controller for VT1/2B & VT4/2B
<b>410867</b> – o-ring for quartz sleeve	<b>BA-ICE-S</b> – controller for S2Q-PA

## Water Quality Parameters

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

**TAP FAMILY DOSE CURVES**

