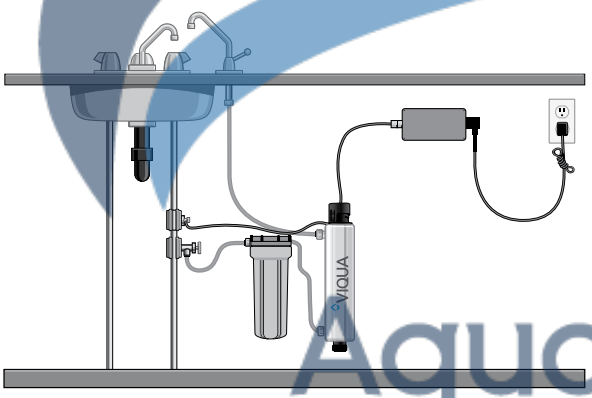
VIQUA
simply safe water

VT1, VT4, & S2Q-PA

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 m³/hr) for a single faucet up to 3.5 GPM (0.8 m³/hr) for a small home or cottage.**



Aqua Integral
Agua para el futuro

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.
- 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
FLOW RATES			
US Public Health (16 mJ/cm²)	2 GPM (8 lpm) (0.5 m³/hr)	6.5 GPM (24 lpm) (1.4 m³/hr)	5 GPM (18 lpm) (1.1 m³/hr)
VIQUA Standard (30 mJ/cm²)	1 GPM (4 lpm) (0.25 m³/hr)	3.5 GPM (13 lpm) (0.8 m³/hr)	3 GPM (11 lpm) (0.7 m³/hr)
NSF/EPA (40 mJ/cm²)	0.7 GPM (3 lpm) (0.2 m³/hr)	2.5 GPM (9 lpm) (0.6 m³/hr)	2 GPM (8 lpm) (0.4 m³/hr)
DIMENSIONS			
Dimensions	13.5" x 2.5" (34.3 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)
Inlet/Outlet Port Size	3/8" FNPT / 1/2" MNPT or BSP	1/2" MNPT or BSP	1/2" MNPT or BSP
Shipping Weight	4 lbs (1.8 kg)	6.5 lbs (2.8 kg)	7 lbs (3.2 kg)
ELECTRICAL			
Voltage	100-240V / 50-60 Hz	100-240V / 50-60 Hz	100-240V / 50-60 Hz
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)
Ambient 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	YES
Audible Lamp Failure	NO	NO	YES
Audible Lamp Replacement Reminder	NO	NO	YES

Aqua Integral®
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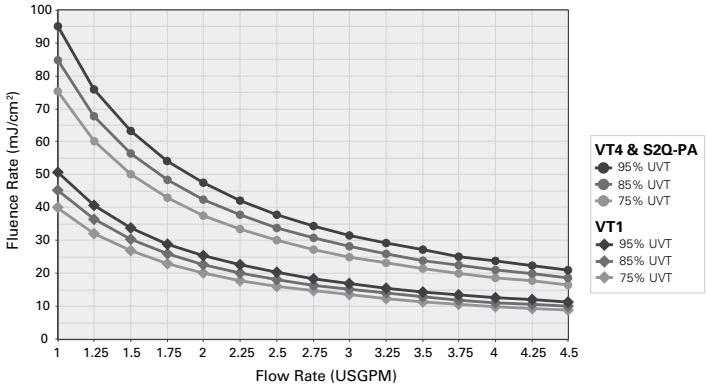
Replacement Parts

- **S212RL** – UV lamp for VT1
- **S330RL** – UV lamp for VT4 and S2Q-PA
- **QS-212** – quartz sleeve for VT1
- **QS-330** – quartz sleeve for VT4 and S2Q-PA
- **410867** – o-ring for quartz sleeve
- **BA-VT** – integral controller and lamp connector for VT1 and VT4
- **BA-ICE-S** – 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



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