

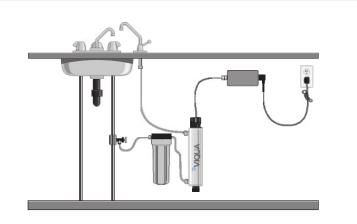
VT1, VT4, & S2Q-PA



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.





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

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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 (@ 95% UVT)			
US Public Health (16 mJ/cm ²)	2 GPM (8 lpm) (0.5 m³/hr)	6.5 GPM (24 lpm) (14 m³/hr)	5 GPM (18 lpm) (11 m³/hr)
VIQUA Standard (30 mJ/cm ²)	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/cm ²)	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			
Chamber	12.5" x 2.5" (3175 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)
ELECTRICAL			
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)
FEATURES			
Visual "Power On"	YES	YES	YES
Chamber Material	304 S S	304 S S	304 5 5
Visual Lamp Life Remaining	NO	NO	YES
Audible Lamp Failure	NO	NO	YES
Audible Lamp Replacement Reminder	NO	NO	YES

* /2B - BSP

Replacement Parts

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

Water Quality Parameters

simply safe water

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

Phone: Website:

Email:

0 1.25 1.5 1.75 2 2.25 2.5 2.75 3 3.25 3.5 3.75 4 4.25 4.5 1 Flow Rate (USGPM) (+84) 98 228 3389 https://moitruongcuulong.com/ ctmoitruongcuulong@gmail.com 425 Clair Rd. W, Guelph, Ontario, Canada N1L 1R1 t. 1519.763.1032 • f. 1519.763.5069 • tf. 1800.265.7246 (US/CAN) • t. +31.73.747.0144 (EUR) • info@viqua.com • www.viqua.com

100 90 80

> 70 60

50 40

30

20 10

Fluence Rate (mJ/cm²)





TAP FAMILY DOSE CURVES



VT4 & S2Q-PA 95% UVT
85% UVT
75% UVT

VT1

95% UVT
85% UVT
75% UVT

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/IOUA



VIQUA

MST: 0318 391 771

Hotline: +84 98-228-3389

CÔNG TY TNHH THIẾT BỊ ĐIỆN & MÔI TRƯỜNG CỦU LONG

Số tài khoản: 8093 6688 tại Ngân hàng TMCP Á Châu (ACB) - PGD Gò Mây

https://CLFVietNam.com Welc: https://locnuoccuulong.com https://moitruongcuulong.com VietNamCLF@gmail.com Email: Cuulongfilter@gmail.com Ctmoitruongcuulong@gmail.com

Địa chỉ: 60 Đường 3158A Phạm Thế Hiển, Phường 7, Quận 8, Tp.HCM Kho: Đường 2F, KCN Vĩnh Lộc, X. Vĩnh Lộc A, H. Bình Chánh, Tp.HCM Xưởng: Đường Liên ấp 234, xã Vĩnh Lộc A, huyện Bình Chánh, Tp.HCM

MST: 0318 391 771



TONG TA' TINHH THIÊT BI ĐIÊN &

I TRUÓNG CỦU LO

