

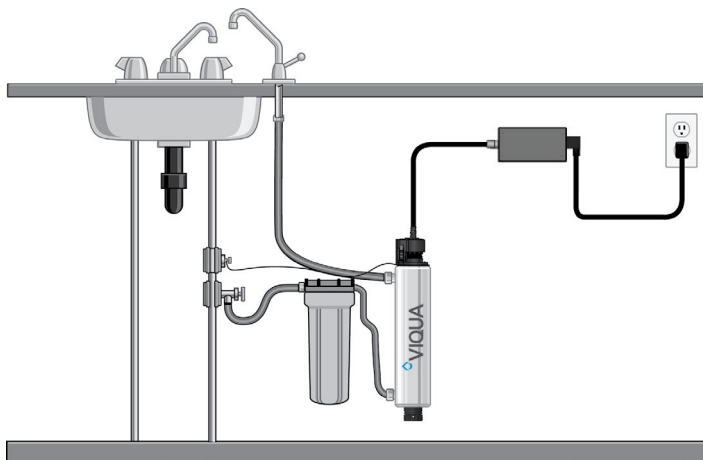


VT1, VT4, and S2Q-PA

Ultraviolet Water Treatment Systems from VIQUA

The **VIQUA TAP family** of compact UV systems provides a reliable and economical way to treat residential drinking water at the point of use.

VIQUA offers systems that range in flow rates from just 1 gpm (0.25 m³/hr) up to 3.5 gpm (0.8 m³/hr) for a faucet within homes or cottages.



Features of VIQUA UV water systems

- Capable of inactivating common waterborne pathogens, including *cryptosporidium*, *giardia*, *pathogenic E. coli (STEC/VTEC)*, *campylobacter*, *legionella*, *salmonella*, *shigella*, *norovirus*, *enterovirus*, and *hepatitis A virus**
- Specially designed and tested UV lamps that provide consistent, reliable ultraviolet output over the entire life of the lamp (9,000 hours) to ensure continuous treatment
- Safety-Loc™ connector with interlock that ensures power is disconnected before lamp can be removed
- Simple to maintain and service
- Durable stainless-steel chamber to prolong life and eliminate UV light degradation
- Power supply with an LED power / lamp-on indicator

Specifications



| | 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) | | | |
|---|---|--|--|
| U.S. 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 | 5 gpm (18 lpm); 1.1 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 gpm (11 lpm); 0.7 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 gpm (8 lpm); 0.4 m ³ /hr |

| Dimensions | | | |
|----------------------------|---|--|--|
| Chamber | 12.5 in. x 2.5 in. (31.75 cm x 6.5 cm) | 17 in. x 2.5 in. (43.6 cm x 6.5 cm) | 17 in. x 2.5 in. (43.6 cm x 6.5 cm) |
| Controller | 12.5 in. x 2.5 in. (31.8 cm x 6.5 cm) | 15 in. x 2.5 in. (38 cm x 6.5 cm) | |
| Inlet and outlet port size | 3/8 in. FNPT, 1/2 in. MNPT | 1/2 in. MNPT | |
| Shipping weight | 4 lbs (1.8 kg) | 6.5 lbs (2.8 kg) | 7 lbs (3.2 kg) |

| Electrical | | | |
|----------------------------|-------------------------|-----|-----|
| Voltage | 100 to 140V | | |
| Voltage (/2, /2A, /2B) | 200 to 240V | | |
| Power consumption | 13W | 20W | 22W |
| Maximum operating pressure | 125 psi (8.62 bar) | | |
| Influent water temperature | 2 to 40°C (36 to 104°F) | | |

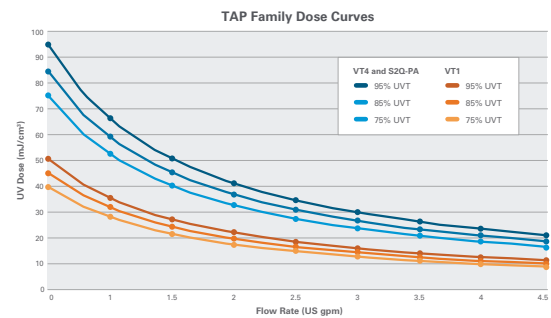
| Features | | | |
|-----------------------------------|---------------------|---------------------|---------------------|
| Visual “power on” | Y | Y | Y |
| Chamber material | 304 stainless steel | 304 stainless steel | 304 stainless steel |
| Visual lamp life remaining | N | N | Y |
| Audible lamp life failure | N | N | Y |
| Audible lamp replacement reminder | N | N | Y |

Replacement parts

| | |
|--|--|
| S212RL: UV lamp for VT1 | BA-VT: controller for VT1 and VT4 |
| S330RL: UV lamp for VT4 and S2Q-PA | BA-VT/2: controller for VT1/2 and VT4/2 |
| QS-212: quartz sleeve for VT1 | BA-VT/2A: controller for VT1/2A and VT4/2A |
| QS-330: quartz sleeve for VT4 & S2Q-PA | BA-VT/2B: controller for VT1/2B and VT4/2B |
| 410867: O-ring for quartz sleeve | 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 |
|-----------------------------------|--------------------|-----------------------|



To learn more about the VIQUA TAP family and the efficacy of its UV treatment systems, visit [VIQUA.com](https://www.viqua.com)