

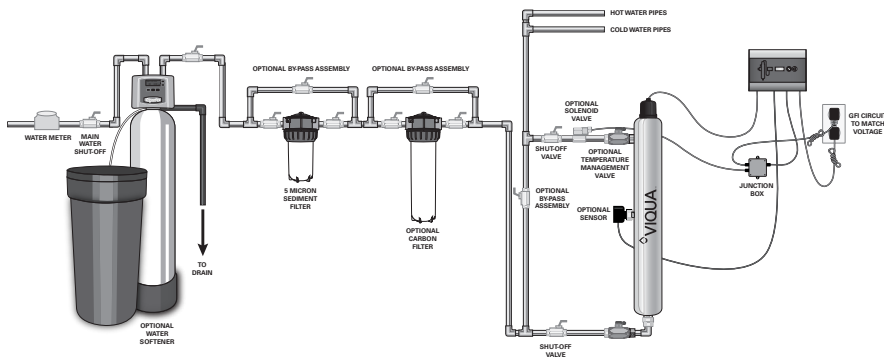


VH200, VH410, VH410M, D4, D4 Premium, & D4+

Ultraviolet Water Systems from VIQUA

The VIQUA **HOME family** of compact UV water systems provide a **reliable** and **economical** way to treat drinking water in virtually any residential application. VIQUA's range of 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 6 GPM for a small home or cottage, up to 18 GPM for a larger home or small business.



Features of VIQUA UV water systems

- Safety-Loc™ connector with interlock that ensures power is disconnected before lamp can be removed.
- The controller visually displays the remaining lamp life and will go into alarm if the lamp fails. Monitored systems are equipped with a UV sensor which provides a continuous readout of UV intensity.
- Monitored systems allow for the installation of an optional solenoid valve which will stop the flow of water through the chamber should the UV performance fall below a safe level.
- LCD controller (for D4 Premium and D4+ models) features a large backlit display for easy reading, simultaneously displaying lamp life remaining, UV Intensity Status (D4+ only), support contact information, and lamp replacement reminder that indicates when the lamp needs to be replaced, ensuring continued water safety. The intuitive, user-friendly menu is dealer programmable and allows the user to quickly find the replacement parts needed for the system by using the replacement parts menu, as well as quick-reference instructions on board for system troubleshooting.

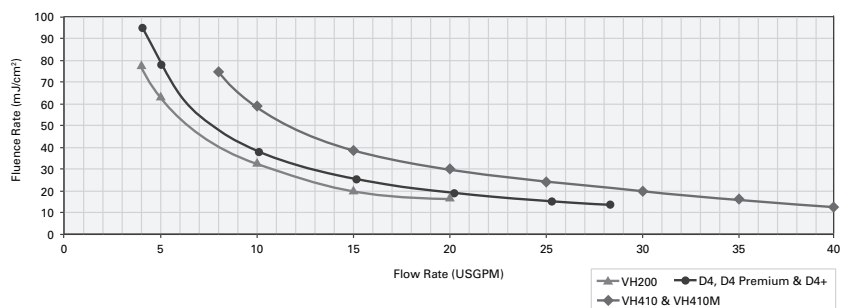
Specifications

						
MODEL	VH200	VH410	VH410M	D4 (650694-R)	D4 Premium (660089-R)	D4+ (650695-R)
FLOW RATES (@ 95% UVT)						
US Public Health (16 mJ/cm ²)	16 GPM (60 lpm) (3.6 m ³ /hr)	34 GPM (130 lpm) (7.8 m ³ /hr)	34 GPM (130 lpm) (7.8 m ³ /hr)	23 GPM (87 lpm) (5.2 m ³ /hr)	23 GPM (87 lpm) (5.2 m ³ /hr)	23 GPM (87 lpm) (5.2 m ³ /hr)
VIQUA Standard (30 mJ/cm ²)	9 GPM (34 lpm) (2.0 m ³ /hr)	18 GPM (70 lpm) (4.2 m ³ /hr)	18 GPM (70 lpm) (4.2 m ³ /hr)	12 GPM (45 lpm) (2.7 m ³ /hr)	12 GPM (45 lpm) (2.7 m ³ /hr)	12 GPM (45 lpm) (2.7 m ³ /hr)
NSF/EPA (40 mJ/cm ²)	7 GPM (26 lpm) (1.6 m ³ /hr)	14 GPM (54 lpm) (3.3 m ³ /hr)	14 GPM (54 lpm) (3.3 m ³ /hr)	9 GPM (34 lpm) (2 m ³ /hr)	9 GPM (34 lpm) (2 m ³ /hr)	9 GPM (34 lpm) (2 m ³ /hr)
DIMENSIONS						
Chamber	17.75" x 3.5" (45 cm x 8.9 cm)	23.5" x 3.5" (59.6 cm x 8.9 cm)	23.5" x 3.5" (59.6 cm x 8.9 cm)	20.5" x 4" (52 cm x 10 cm)	20.5" x 4" (52 cm x 10 cm)	20.5" x 4" (52 cm x 10 cm)
Controller	7.25" x 3.25" x 2.5" (18.6 cm x 8.1 cm x 6.4 cm)	7.25" x 3.25" x 2.5" (18.6 cm x 8.1 cm x 6.4 cm)	9.25" x 3.25" x 2.5" (24 cm x 8.1 cm x 6.4 cm)	8.5" x 6" x 8" (22 cm x 15 cm x 7.6 cm)	8.5" x 6" x 8" (22 cm x 15 cm x 7.6 cm)	8.5" x 6" x 8" (22 cm x 15 cm x 7.6 cm)
Inlet/Outlet Port Size	3/4" - 1" MNPT COMBO*	3/4" - 1" MNPT COMBO*	3/4" - 1" MNPT COMBO*	3/4" MNPT	3/4" MNPT	3/4" MNPT
Shipping Weight	12 lbs (5.4 kg)	17 lbs (7.7 kg)	17 lbs (7.7 kg)	10 lbs (4.5 kg)	10 lbs (4.5 kg)	10 lbs (4.5 kg)
ELECTRICAL						
Voltage	100-240V / 50/60 Hz	100-240V / 50/60 Hz	100-240V / 50/60 Hz	100-240V / 50/60 Hz	100-240V / 50/60 Hz	100-240V / 50/60 Hz
Power Consumption	35 W	60 W	60 W	50 W	50 W	50 W
Maximum Operating Pressure	125 psi (8.62 bar)	125 psi (8.62 bar)	125 psi (8.62 bar)	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)	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	YES	YES	YES
Chamber Material	304 SS	304 SS	304 SS	304 SS	304 SS	304 SS
Visual Lamp Life Remaining	YES	YES	YES	YES	YES	YES
Audible Lamp Failure	YES	YES	YES	YES	YES	YES
Audible Lamp Replacement Reminder	YES	YES	YES	YES	YES	YES
UV Sensor	NO	NO	YES	NO	NO	YES

Replacement Parts

S200RL-HO – UV lamp for VH200	BA-ICE-CL – electronic ICE controller for VH200, VH410
S410RL-HO – UV lamp for VH410 & VH410M	BA-ICE-CM – electronic ICE controller VH410M
QS-001 – quartz sleeve for VH200	650733R-002 – controller for D4
QSO-410 – quartz sleeve for VH410 & VH410M	650733R-001 – controller for D4 Premium & D4+
602805 – UV lamp for D4, D4 Premium, & D4+	650703 – sensor for D4+
602732 – quartz sleeve for D4, D4 Premium, & D4+	410867 – o-ring for all VH systems
QL-200 – quartz sleeve, UV lamp combo pack for VH200	RN-001 – retaining nut for all VH systems
QL-410 – quartz sleeve, UV lamp combo pack for VH410 & VH410M	RN-001/1 – retaining nut with plug for all VH systems

VH200, VH410, VH410M, D4, D4 Premium & D4+ DOSE CURVES



Water Quality Parameters

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



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