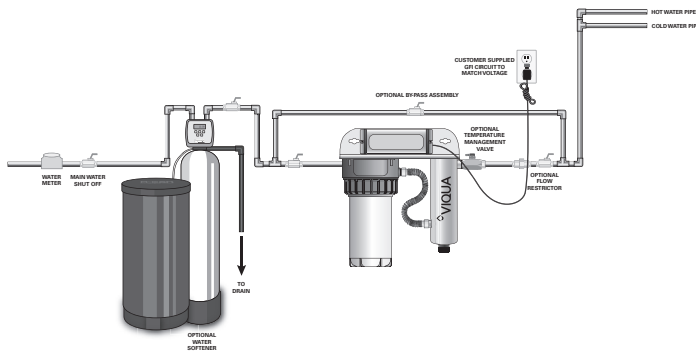


## Ultraviolet Water Disinfection Systems from VIQUA

The quality of drinking water can change with time and become contaminated with harmful bacteria. The **HOME family** of compact UV disinfection systems with integrated pre-filtration 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 9 GPM (2 m<sup>3</sup>/hr) up to 18 GPM (4 m<sup>3</sup>/hr) for homes or small businesses.



### 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-HO 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 with easy lamp and cartridge replacement.
- Safety-Loc™ connector with interlock that ensures power is disconnected before lamp can be removed, hidden ground wire.
- Built with a durable stainless steel chamber to prolong life and eliminate ultraviolet light degradation.

# Specifications



<b>MODEL</b>	VH200-F10; VH200-F10/2; VH200-F10/2A, VH200-F10/2B	VH410-F20; VH410-F20/2; VH410-F20/2A; VH410-F20/2B
<b>FLOW RATES (@ 95% UVT)</b>		
US Public Health (16 mJ/cm <sup>2</sup> )	16 GPM (60 lpm) (3.6 m <sup>3</sup> /hr)	34 GPM (120 lpm) (7.8 m <sup>3</sup> /hr)
VIQUA Standard (30 mJ/cm <sup>2</sup> )	9 GPM (34 lpm) (2.0 m <sup>3</sup> /hr)	18 GPM (70 lpm) (4.2 m <sup>3</sup> /hr)
NSF/EPA (40 mJ/cm <sup>2</sup> )	7 GPM (26 lpm) (1.6 m <sup>3</sup> /hr)	14 GPM (54 lpm) (3.3 m <sup>3</sup> /hr)
<b>DIMENSIONS</b>		
Overall	17" x 10.5" x 18" (43 cm x 26 cm x 45 cm)	17" x 10.5" x 28" (43 cm x 26 cm x 71 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)
Inlet/Outlet Port Size	1" MNPT INLET / 1" x 3/4" COMBO OUTLET*	1" MNPT INLET / 1" x 3/4" COMBO OUTLET*
Shipping Weight	26 lbs (11.8 kg)	32 lbs (14.5 kg)
<b>ELECTRICAL</b>		
Voltage	100-240V / 50/60 Hz	100-240V / 50/60 Hz
Power Consumption	35 W	60 W
Maximum Operating Pressure	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)
<b>FEATURES</b>		
Visual "Power On"	YES	YES
Chamber Material	304 SS	304 SS
Visual Lamp Life Remaining	YES	YES
Audible Lamp Failure	YES	YES
Audible Lamp Replacement Reminder	YES	YES
UV Sensor	NO	NO
Filter Housing	10" High Flow	20" High Flow

\* /2B - BSP

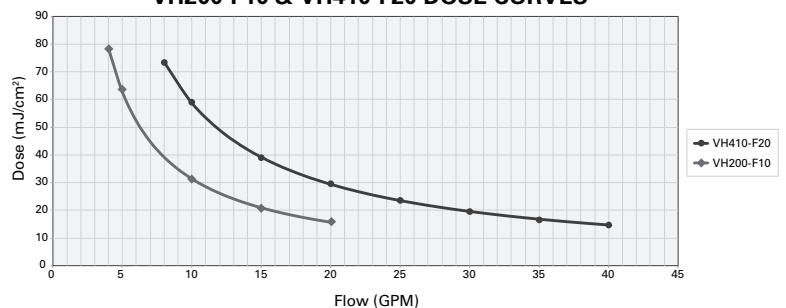
## Replacement Parts

<b>S200RL-HO</b> – UV lamp for VH200-F10	<b>BA-ICE-CL</b> – controller for VH200-F10 and VH410-F20
<b>S410RL-HO</b> – UV lamp for VH410-F20	<b>CMB-510-HF</b> – sediment cartridge for VH200-F10
<b>QS-001</b> – quartz sleeve for VH200-F10	<b>CMB-520-HF</b> – sediment cartridge for VH410-F20
<b>QSO-410</b> – quartz sleeve for VH410-F20	

## Water Quality Parameters

<b>Hardness</b> < 7 grains (120 mg/L)	<b>Iron</b> < 0.3 mg/L	<b>Tannins</b> < 0.1 mg/L
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**VH200-F10 & VH410-F20 DOSE CURVES**



425 Clair Rd. W, Guelph, Ontario, Canada N1L 1R1  
 t. 1.519.763.1032 • f. 1.519.763.5069 • tf. 1.800.265.7246 (US/CAN)  
 t. +31.73.747.0144 (EUR) • info@viqua.com • www.viqua.com

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