



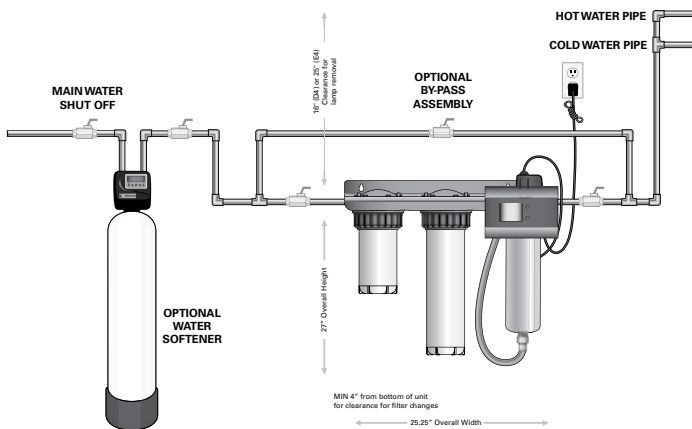
# VH200-F10, VH410-F20, IHS12-D4, IHS22-D4, & IHS10-D4

## Ultraviolet Water Systems from VIQUA

The **HOME family** of UV water systems with integrated pre-filtration provide a **reliable** and **economical** way to treat drinking water in virtually any residential application. VIQUA's products have been designed and tested to ensure quality drinking water is at everyone's finger tips.

To address recent concerns around lead contamination of drinking water, our classic IHS systems now feature lead reduction capability, offering a more complete water treatment and disinfection system for your home.

Regardless of your need, there is a VIQUA system to suit your requirements. VIQUA offers systems that range in flow rates from 9 GPM up to 18 GPM for homes or small businesses. Available with one sump and two sump options.



### Features of VIQUA UV water systems

- All integrated systems include a sediment filter to remove particles commonly found in water, and two-sump systems also include a carbon block filter to reduce odours, colours, and lead.
- 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 with easy lamp and cartridge replacement.
- 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.

# Specifications

					
MODEL	VH200-F10	VH410-F20	IHS12-D4	IHS22-D4	IHS10-D4
FLOW RATES (@ 95% UVT)					
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)	12 GPM (45 lpm) (2.7 m <sup>3</sup> /hr)	12 GPM (45 lpm) (2.7 m <sup>3</sup> /hr)	12 GPM (45 lpm) (2.7 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)	9 GPM (34 lpm) (2 m <sup>3</sup> /hr)	9 GPM (34 lpm) (2 m <sup>3</sup> /hr)	9 GPM (34 lpm) (2 m <sup>3</sup> /hr)
DIMENSIONS					
Chamber	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)	25.5" x 12" x 28" (64 cm x 30 cm x 70 cm)	25.5" x 12" x 36.5" (64 cm x 30 cm x 93 cm)	20.5" x 10" x 28" (52 cm x 25 cm x 70 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)	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	1" MNPT INLET / 1" x 3/4" COMBO OUTLET*	1" MNPT INLET / 1" x 3/4" COMBO OUTLET*	3/4" FNPT/MNPT	3/4" FNPT/MNPT	3/4" FNPT/MNPT
Shipping Weight	26 lbs (11.8 kg)	32 lbs (14.5 kg)	35 lbs (15.9 kg)	43 lbs (19.5 kg)	26 lbs (11.8 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
Power Consumption	35 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)
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)
FEATURES					
Visual "Power On"	YES	YES	YES	YES	YES
Chamber Material	304 SS	304 SS	304 SS	304 SS	304 SS
Visual Lamp Life Remaining	YES	YES	YES	YES	YES
Audible Lamp Failure	YES	YES	YES	YES	YES
Audible Lamp Replacement Reminder	YES	YES	YES	YES	YES
High-flow Sediment Filter	10"	20"	10"	20"	10"
High-performance Carbon Filter	--	--	20"	20"	--

\* /2 - BSP

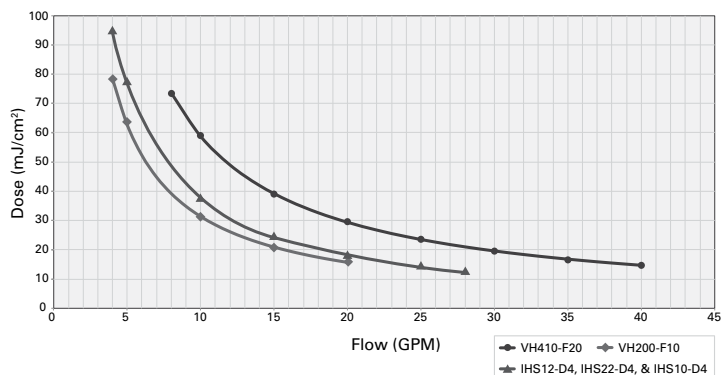
## Replacement Parts

<b>S200RL-HO</b> – UV lamp for VH200-F10	<b>BA-ICE-CL</b> – controller for VH200-F10 & VH410-F20
<b>S410RL-HO</b> – UV lamp for VH410-F20	<b>650733R-002</b> – for IHS12-D4, IHS22-D4, & IHS10-D4
<b>602805</b> – UV lamp for IHS12-D4, IHS22-D4, & IHS10-D4	<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	<b>C2-02PB</b> – taste/odour/lead cartridge for IHS12-D4 & IHS22-D4
<b>602732</b> – quartz sleeve for IHS12-D4, IHS22-D4, & IHS10-D4	

## Water Quality Parameters

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

**VH200-F10, VH410-F20, IHS12-D4, IHS22-D4, & IHS10-D4 DOSE CURVES**



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