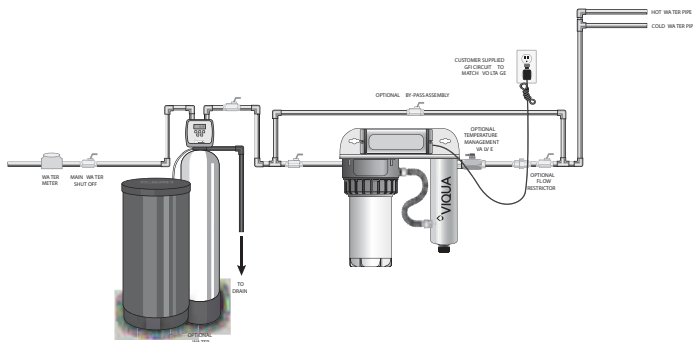


Ultraviolet Water Disinfection Systems from FILTEC

The quality of drinking water in your home is important, rainwater can easily be contaminated with harmful bacteria during catchment and storage. The **FILTEC 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. FILTEC's has partnered with leading UV systems provider VIQUA to create products have been designed and tested to ensure quality drinking water is at everyone's finger tips.

Regardless of your need, there is a FILTEC system to suit your requirements. FILTEC offers systems that range in flow rates from 34 LPM up to 70 LPM for various sized homes or small businesses.



Features of FILTEC 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, approx. 1 year) 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



MODEL	VH200F10AF	VH410F20AF
FLOW RATES (@ 95% UVT)		
US Public Health (16 mJ/cm ²)	60 lpm (3.6 m ³ /hr)	120 lpm (7.8 m ³ /hr)
VIQUA Standard (30 mJ/cm ²)	34 lpm (2.0 m ³ /hr)	70 lpm (4.2 m ³ /hr)
NSF/EPA (40 mJ/cm ²)	26 lpm (1.6 m ³ /hr)	54 lpm (3.3 m ³ /hr)
DIMENSIONS		
Overall	43 cm x 26 cm x 45 cm	43 cm x 26 cm x 71 cm
Controller	18.6 cm x 8.1 cm x 6.4 cm	18.6 cm x 8.1 cm x 6.4 cm
Inlet/Outlet Port Size	1" BSP INLET / 1" x 3/4" COMBO OUTLET	1" BSP INLET / 1" x 3/4" COMBO OUTLET
Shipping Weight	11.8 kg	14.5 kg
ELECTRICAL		
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	2-40°C
FEATURES		
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

Replacement Parts

S200RLHO – UV lamp for VH200F10	BAICECL – controller for VH200F10 and VH410F20
S410RLHO – UV lamp for VH410F20	CMB510HF – sediment cartridge for VH200F10
QS001 – quartz sleeve for VH200F10	CMB520HF – sediment cartridge for VH410F20
QSO410 – quartz sleeve for VH410F20	

Water Quality Parameters

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

VH200F10 & VH410F20 DOSE CURVES

