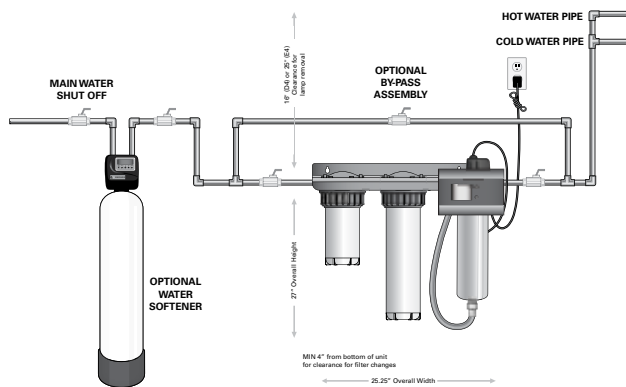


Ultraviolet Water Disinfection Systems from VIQUA

The quality of drinking water can change with time and become contaminated with harmful bacteria. The **HOME family** of 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.

To address recent concerns around lead contamination of drinking water, our classic IHS systems now feature lead removal 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. The **D4 IHS series** offers disinfection for flow rates as high as 12 GPM, covering a wide variety of residential applications. Available with one sump (IHS10-D4) and two sump options (IHS12-D4 & IHS22-D4)



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.
- The special lamp plug ensures that no one can power the UV lamp if it's not in the UV chamber.
- Flexible stainless steel pipe is both more aesthetically pleasing and functional than the traditional plastic piping.
- Indicator lights show the status of system components and warning lights appear when system maintenance is required.
- Our high output UV lamp is engineered to treat variable water conditions.
- System comes supplied with sediment filter to remove particles commonly found in water and carbon block filter (not included with IHS10-D4) to remove lead and reduce odours, colour. Reduces the need for expensive pre-treatment systems.
- System comes equipped with high flow filters allowing the water pressure to remain consistent.
- Powder-coated, heavy gauge steel bracket for durability & aesthetics.

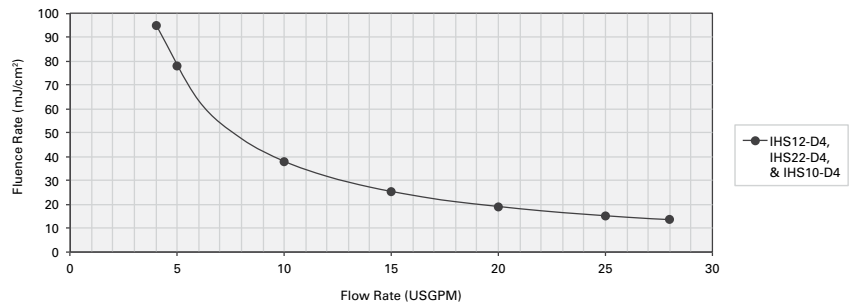
Specifications

			
MODEL	IHS12-D4	IHS22-D4	IHS10-D4
FLOW RATES (@ 95% UVT)			
US Public Health (16 mJ/cm ²)	–	–	–
VIQUA Standard (30 mJ/cm ²)	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)	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	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	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" FNPT/MNPT	3/4" FNPT/MNPT	3/4" FNPT/MNPT
Shipping Weight	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
Power Consumption	50 W	50 W	50 W
Maximum Operating Pressure	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)
FEATURES			
Visual "Power On"	YES	YES	YES
Chamber Material	304 SS	304 SS	304 SS
Visual Lamp Life Remaining	YES	YES	YES
Audible Lamp Failure	YES	YES	YES
Audible Lamp Replacement Reminder	YES	YES	YES
High-flow Sediment Filter	10"	20"	10"
High-performance Carbon Filter	20"	20"	–

Replacement Parts

		IHS12-D4	IHS22-D4	IHS10-D4
602805	UV Lamp	✓	✓	✓
602732	Quartz Sleeve	✓	✓	✓
650733R-002	Controller	✓	✓	✓
CMB-510-HF	Dirt/Rust Cartridge	✓	–	✓
CMB-520-HF	Dirt/Rust Cartridge	–	✓	–
C2-02PB	Taste/Odour/Lead Cartridge	✓	✓	–

IHS12-D4, IHS22-D4, & IHS10-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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