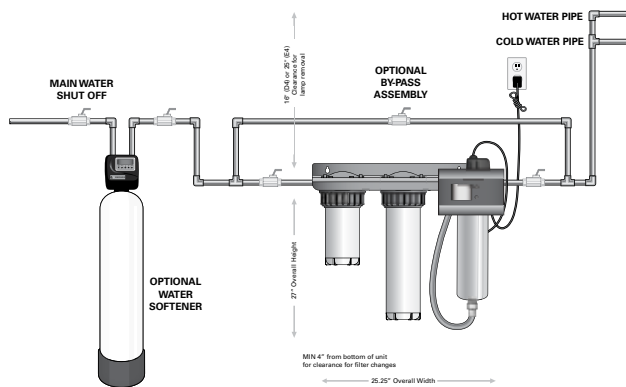


Ultraviolet Water Disinfection Systems from VIQUA

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.

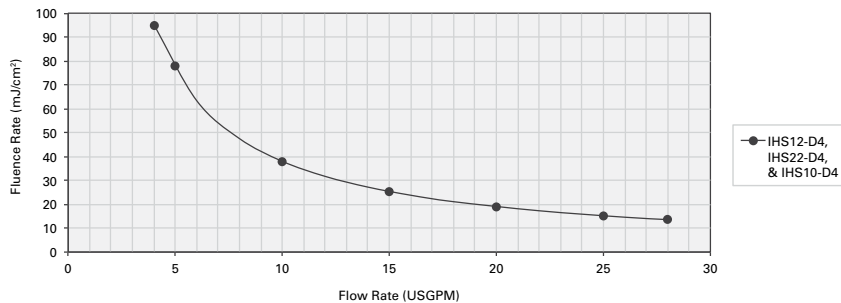
Specifications

| |  |  |  |
|---|---|--|---|
| 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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