

## Ultraviolet Water Disinfection Systems from VIQUA

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

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 VIQUA IHS22-E4 offers a maximum flow rate of 22 GPM (5 m<sup>3</sup>/hr), which is ideal for many small businesses and public facilities.



### Features of VIQUA UV water disinfection systems

- The special lamp plug ensures that no one can power the UV lamp if it's not in the UV chamber.
- Specially designed and tested lamps provide **consistent and reliable** ultraviolet output over the entire life of the lamp (9000 hours) to ensure continuous purification, and offer superior performance in a wide range of water conditions.
- System comes supplied with sediment filter and carbon block filter to reduce odours, colour and particles commonly found in water. Reduces the need for expensive pre-treatment systems.
- The system comes equipped with high flow filters allowing the water pressure to remain consistent.
- Bracket is made of heavy gauge steel that is powder coated for both durability and aesthetics.
- **NEW** LCD controller features a large backlit display for easy reading, simultaneously displaying lamp life remaining, support contact information, and lamp replacement reminder that indicates when the lamp needs to be replaced, ensuring continued water safety. The intuitive, user friendly menu is dealer programmable and allows the user to quickly find the replacement parts needed for the system by using the replacement parts menu, dealer contact information, as well as on board quick-reference instructions for system troubleshooting.

# Specifications



<b>MODEL</b>	IHS22-E4; IHS22-E4/2; IHS22-E4/2A; IHS22-E4/2B
<b>FLOW RATES (@ 95% UVT)</b>	
US Public Health (16 mJ/cm <sup>2</sup> )	--
VIQUA Standard (30 mJ/cm <sup>2</sup> )	22 GPM (83 lpm) (5.0 m <sup>3</sup> /hr)
NSF/EPA (40 mJ/cm <sup>2</sup> )	16 GPM (60 lpm) (3.6 m <sup>3</sup> /hr)
<b>DIMENSIONS</b>	
Overall	25" x 12" x 36.5" (63.5 cm x 30.5 cm x 92.9 cm)
Controller	8.5" x 6" x 3" (22 cm x 15 cm x 7.6 cm)
Inlet/Outlet Port Size	1" FNPT/MNPT
Shipping Weight	38 lbs (17.3 kg)
<b>ELECTRICAL</b>	
Voltage	100-240V / 50/60 Hz
Power Consumption	83 W
Maximum Operating Pressure	100 psi (6.89 bar)
Influent Water Temperature	2-40°C (36-104°F)
<b>FEATURES</b>	
Visual "Power On"	YES
Chamber Material	304 SS
Visual Lamp Life Remaining	YES
Audible Lamp Failure	YES
Audible Lamp Replacement Reminder	YES
High-Flow Sediment Filter	20"
High-Performance Carbon Filter	20"
Solenoid Valve	Optional (650717-002)

## Replacement Parts

**602806** – UV lamp for IHS22-E4

**602733** – quartz sleeve IHS22-E4

**650733R-001** – controller for IHS22-E4

**CMB-520-HF** – dirt/rust cartridge for IHS22-E4

**C2-02PB** – taste/odour/lead cartridge for IHS22-E4

## Water Quality Parameters

**Hardness**

< 7 grains (120 mg/L)

**Iron**

< 0.3 mg/L

**Tannins**

< 0.1 mg/L

**IHS22-E4 DOSE CURVE**

