

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.

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 m³/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.
- Lamps and sleeves are assembled together for ease of handling. They can be replaced separately, in minutes and without tools.
- The reference card outlines the most important system functions and maintenance for quick, on-the-spot questions.
- Our high output validated UV lamp is engineered to treat variable 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 a 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, as well as on board quick-reference instructions for system troubleshooting.

Specifications



MODEL	IHS22-E4; IHS22-E4/2; IHS22-E4/2A; IHS22-E4/2B
FLOW RATES	
US Public Health (16 mJ/cm ²)	--
VIQUA Standard (30 mJ/cm ²)	22 GPM (83 lpm) (5.0 m ³ /hr)
NSF/EPA (40 mJ/cm ²)	16 GPM (60 lpm) (3.6 m ³ /hr)
DIMENSIONS	
Dimensions	25" x 12" x 36.5" (63.5 cm x 30.5 cm x 92.9 cm)
Inlet/Outlet Port Size	1" FNPT/MNPT
Shipping Weight	38 lbs (17.3 kg)
ELECTRICAL	
Voltage	100-240V / 50-60 Hz
Power Consumption	83 W
Maximum Operating Pressure	125 psi (8.62 bar)
Ambient Water Temperature	2-40°C (36-104°F)
FEATURES	
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"

Replacement Parts

602806 – UV lamp for IHS22-E4

602733 – quartz sleeve IHS22-E4

650713-013 – power supply for IHS22-E4

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

C2-02 – taste/odour cartridge for IHS22-E4

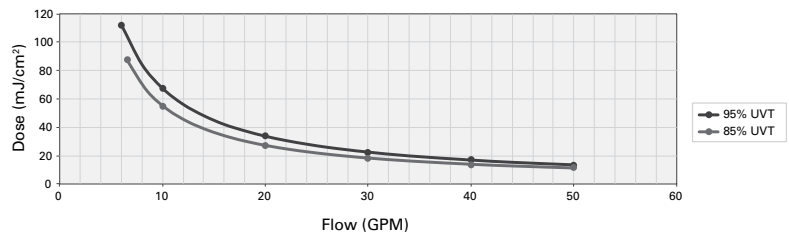
Water Quality Parameters

Hardness: < 7 grains (120 mg/L)

Iron: < 0.3 mg/L

Tannins: < 0.1 mg/L

IHS22-E4 DOSE CURVE



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