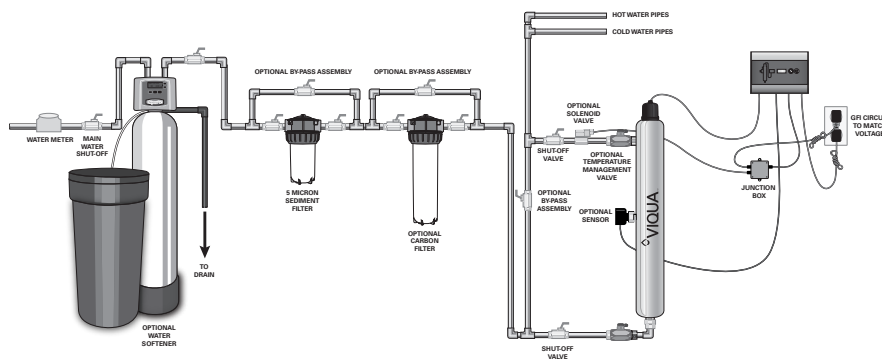


## Ultraviolet Water Disinfection Systems from VIQUA

The quality of drinking water can change with time and become contaminated with harmful bacteria. The VIQUA **HOME family** of compact UV disinfection systems provide a **reliable, economical, and chemical-free** way to safeguard drinking water in any residential application. VIQUA's range of 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 **D4 series** offers disinfection for flow rates as high as 12 GPM, covering a wide variety of residential applications.



### 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, and a new and improved sensor on the D4+ ensures safe UV levels are maintained.
- Our high output UV lamp is engineered to maximize UV output.
- Indicator lights (D4 model) show the status of system components and warning lights appear when system maintenance is required.
- Standard controller (D4 model) features a countdown to annual lamp replacement, a countdown reset button, and a warning alarm silencing button.
- **NEW** LCD controller (for D4 Premium and D4+ models) features a large backlit display for easy reading, simultaneously displaying lamp life remaining, UV Intensity Status (D4+ only), 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 quick-reference instructions on board for system troubleshooting.

## Specifications

			
<b>MODEL</b>	D4 (650694-R)	D4 Premium (660089-R)	D4+ (650695-R)
<b>FLOW RATES (@ 95% UVT)</b>			
US Public Health (16 mJ/cm <sup>2</sup> )	23 GPM (87 lpm) (5.2 m <sup>3</sup> /hr)	23 GPM (87 lpm) (5.2 m <sup>3</sup> /hr)	23 GPM (87 lpm) (5.2 m <sup>3</sup> /hr)
VIQUA Standard (30 mJ/cm <sup>2</sup> )	12 GPM (45 lpm) (2.7 m <sup>3</sup> /hr)	12 GPM (45 lpm) (2.7 m <sup>3</sup> /hr)	12 GPM (45 lpm) (2.7 m <sup>3</sup> /hr)
NSF/EPA (40 mJ/cm <sup>2</sup> )	9 GPM (34 lpm) (2 m <sup>3</sup> /hr)	9 GPM (34 lpm) (2 m <sup>3</sup> /hr)	9 GPM (34 lpm) (2 m <sup>3</sup> /hr)
<b>DIMENSIONS</b>			
Chamber	20.5" x 4" (52 cm x 10 cm)	20.5" x 4" (52 cm x 10 cm)	20.5" x 4" (52 cm x 10 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" MNPT	3/4" MNPT	3/4" MNPT
Shipping Weight	10 lbs (4.5 kg)	10 lbs (4.5 kg)	10 lbs (4.5 kg)
<b>ELECTRICAL</b>			
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)
<b>FEATURES</b>			
Visual "Power On"	YES	YES	YES
Chamber Material	304 SS	304SS	304 SS
Visual Lamp Life Remaining	YES	YES	YES
Audible Lamp Failure	YES	YES	YES
Audible Lamp Replacement Reminder	YES	YES	YES
UV Sensor	NO	NO	YES

## Replacement Parts

**602805** – UV lamp for D4, D4 Premium, & D4+

**602732** – quartz sleeve for D4, D4 Premium, & D4+

**650733R-002** – controller for D4

**650733R-001** – controller for D4 Premium & D4+

**650703** – sensor for D4+

## Water Quality Parameters

**Hardness**

< 7 grains (120 mg/L)

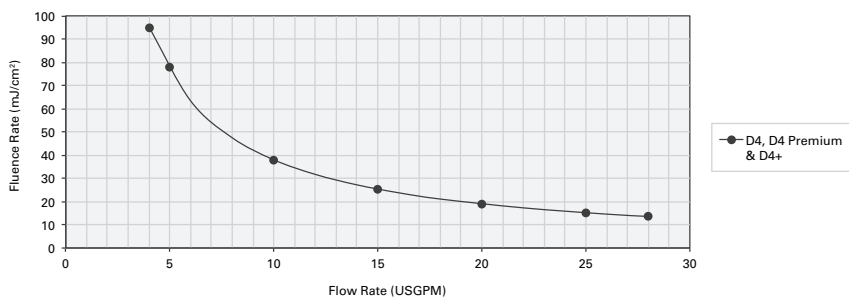
**Iron**

< 0.3 mg/L

**Tannins**

< 0.1 mg/L

**D4, D4 Premium & D4+ DOSE CURVES**



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