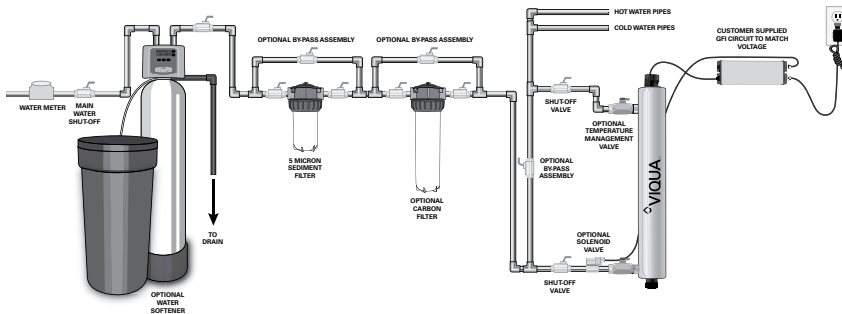


## Ultraviolet Water Disinfection Systems from VIQUA

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. VIQUA offers NSF 55 Class B Certified systems in flow rates of 5.2 GPM, 8.7 GPM or 8.9 GPM which are ideal for most cottages and most average-sized homes.

This Class B system or component conforms to NSF/ANSI 55 for the supplemental bactericidal treatment of disinfected public drinking water or other drinking water that has been tested and deemed acceptable for human consumption by the state or local health agency having jurisdiction. The system is only designed to reduce normally occurring non-pathogenic, nuisance microorganisms. Class B systems are not intended for treatment of contaminated water.



### 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.
- Specially designed and tested lamps provide **consistent and reliable** ultraviolet output over the entire life of the lamp (9000 hours) to ensure continuous purification.
- Built with a **durable stainless steel chamber** to prolong life and eliminate ultraviolet light degradation.
- The controller visually displays the remaining lamp life and will go into alarm if the lamp fails. The D4-V+ systems are equipped with a UV sensor which provides a continuous readout of UV intensity.
- **NEW** LCD controller (for D4-V+ model) features a large backlit display for easy reading, simultaneously displaying lamp life remaining, UV Intensity Status, support contact information, and lamp replacement reminder that indicates when the lamp needs to be replaced. 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.
- The D4-V+ allows for the installation of an optional solenoid valve which will stop the flow of water through the chamber should the UV performance fall below a safe level.

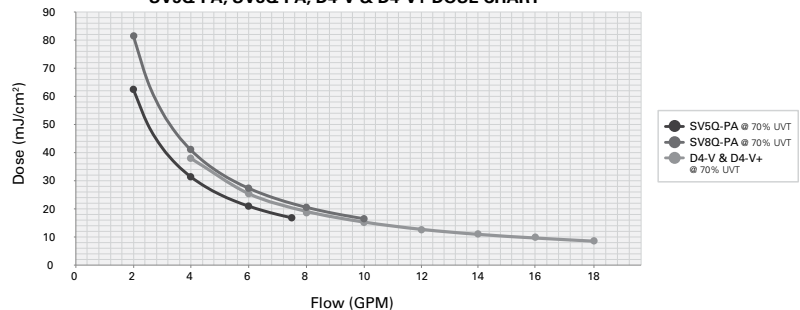
## Specifications

				
MODEL	SV5Q-PA	SV8Q-PA	D4-V	D4-V+
<b>FLOW RATES (@ 70% UVT)</b>				
NSF Class B Certified (16 mJ/cm <sup>2</sup> )	5.2 GPM (19.7 lpm) (1.2 m <sup>3</sup> /hr)	8.7 GPM (32.9 lpm) (2.0 m <sup>3</sup> /hr)	8.9 GPM (34 lpm) (2.0 m <sup>3</sup> /hr)	8.9 GPM (34 lpm) (2.0 m <sup>3</sup> /hr)
<b>DIMENSIONS</b>				
Chamber	22" x 2.5" (56 cm x 6.4 cm)	35" x 2.5" (89 cm x 6.4 cm)	20.5" x 4" (52 cm x 10 cm)	20.5" x 4" (52 cm x 10 cm)
Controller	7.25" x 3.25" x 2.5" (18.6 cm x 8.1 cm x 6.4 cm)	7.25" x 3.25" x 2.5" (18.6 cm x 8.1 cm x 6.4 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	3/4" MNPT
Shipping Weight	6 lbs (2.7 kg)	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	100-240V / 50/60 Hz
Power Consumption	30 W	46 W	50 W	50 W
Maximum Operating Pressure	125 psi (8.62 bar)	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)	2-40°C (36-104°F)
<b>FEATURES</b>				
Visual "Power On"	YES	YES	YES	YES
Chamber Material	304 SS	304 SS	304 SS	304 SS
Visual Lamp Life Remaining	YES	YES	YES	YES
Audible Lamp Life Failure	YES	YES	YES	YES
Audible Lamp Replacement Reminder	YES	YES	YES	YES
UV Sensor	NO	NO	NO	YES

## Replacement Parts

<b>S463RL</b> – UV lamp for SV5Q-PA	<b>602732</b> – quartz sleeve for D4-V & D4-V+
<b>S810RL</b> – UV lamp for SV8Q-PA	<b>BA-ICE-S</b> – electronic ICE controller for SV5Q-PA and SV8Q-PA
<b>602805</b> – UV lamp for D4-V & D4-V+	<b>650733R-002</b> – electronic controller for D4-V
<b>QS-463</b> – quartz sleeve for SV5Q-PA	<b>650733R-001</b> – electronic controller for D4-V+
<b>QS-810</b> – quartz sleeve for SV8Q-PA	

SV5Q-PA, SV8Q-PA, D4-V & D4-V+ DOSE CHART



## Water Quality Parameters

**Hardness** < 7 grains (120 mg/L)  
**Iron** < 0.3 mg/L  
**Tannins** < 0.1 mg/L



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