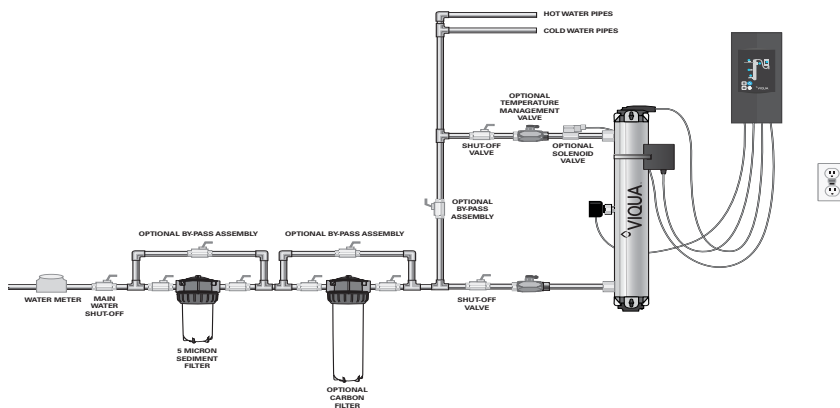


## Ultraviolet Water Disinfection Systems from VIQUA

The quality of drinking water can change with time and become contaminated with harmful bacteria. The **PROFESSIONAL** family of compact UV disinfection systems provide a **reliable, economical, and chemical-free** way to safeguard drinking water in any residential or light commercial 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. VIQUA offers third-party validated systems, ranging in flow rates from 10 GPM to 50 GPM.



### Features of VIQUA PRO50 UV water disinfection systems

- The CoolTouch Fan significantly reduces water temperature and does not waste any water.
- For the sleeve bolts a quarter-twist to the positive stop and you're done. No tools, no risk of over-tightening.
- Like a standard plug - no more grounding wires!
- The optional plug-and-play solenoid valve stops water flow in the event that water treatment is compromised.
- Assembly is simplified by the use of an integral flow restrictor.
- New and improved sensor ensures safe UV levels are maintained.
- The VIQUA systems use a revolutionary lamp with twice the output of current high-output lamps, giving you compact single-lamp systems that are half the size of their predecessors.
- Our revolutionary amalgam lamps reduce maintenance requirements by lasting up to 2 years.
- Intuitive Interface - a picture is worth a thousand words.
- With plug-and-play colour coded connections, it's as easy as "connect the dots."
- The optional COMMcenter displays UV dose and can monitor up to 9 UV systems.
- USEPA validated system.

## Specifications



<b>MODEL</b>	<b>PRO50 (660003-R)</b>
<b>FLOW RATES (@ 75% UVT)</b>	
≤ 51.2 USGPM	3.0-log Cryptosporidium & Giardia inactivated credit, based on MS2
≤ 71.9 USGPM	3.0-log Cryptosporidium & Giardia inactivated credit, based on T1
≤ 81.4 USGPM	2.5-log Cryptosporidium & Giardia inactivated credit, based on T1
<b>DIMENSIONS</b>	
Chamber	41" x 4" (103 cm x 10 cm)
Controller	13" X 6.5" x 4.5" (33 cm x 16.5 cm x 11.5 cm)
Inlet/Outlet Port Size	2" MNPT
Shipping Weight	31 lbs (14 kg)
<b>ELECTRICAL</b>	
Voltage	100-240V / 50/60 Hz
Power Consumption	230 W
Maximum Operating Pressure	125 psi (8.62 bar)
Influent Water Temperature	2-40°C (36-104°F)
<b>FEATURES</b>	
Visual "Power On"	YES
Chamber Material	316L SS
Visual Lamp Life Remaining	YES
Audible Lamp Failure	YES
Audible Lamp Replacement Reminder	YES
UV Sensor	YES
Flow Meter	NO
Cool Touch Fan	YES
Solenoid Valve	Optional (410888-R)

## Replacement Parts

<b>602856</b> – UV lamp	<b>650580</b> – sensor
<b>602976</b> – quartz sleeve	<b>660020-R</b> – power supply

## Water Quality Parameters

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