

## 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.

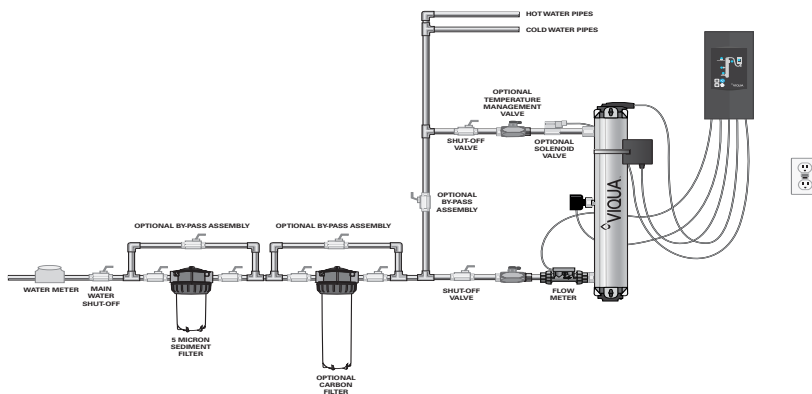
Regardless of your need, there is a VIQUA system to suit your requirements. VIQUA offers third-party validated systems, ranging in flow rates from 10 GPM to 50 GPM.



Lowest Price Guaranteed on all Viqua UV Systems, Replacement Lamps, Sleeves and Other Parts!

Phone Toll Free 1-866-376-2690

or visit: [www.homepluswater.com](http://www.homepluswater.com)



### Features of VIQUA PRO UV water disinfection systems

- The CoolTouch Fan significantly reduces water temperature and does not waste any water.
- A quarter-twist to the positive stop and you're done. No tools, no risk of overtightening.
- 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.
- Flexibility to connect to either 1 1/4" NPT or 1" FNPT
- New and improved sensor ensures safe UV levels are maintained.
- The UVMAX 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 - that's up to 270 gpm!
- Flow sensor monitors flow to provide real time UV dose (not available on PRO50).
- LightWise Technology (featured on PRO10, PRO20, and PRO30 systems) allows the controller to reduce lamp power during periods of no water flow. By adjusting the lamp power, water temperature is maintained below 40°C (104°F), the rate of sleeve fouling is consequently reduced by as much as 60%, resulting in estimated energy savings of 30%.

### Replacement Parts

|                            |                                  |                                     |                                    |  |
|----------------------------|----------------------------------|-------------------------------------|------------------------------------|--|
| 602854 – UV lamp for PRO10 | 602974 – quartz sleeve for PRO10 | 650709-003 – power supply for PRO10 | 602580 – sensor for PRO10, 20 & 30 | 650580 – sensor for PRO50  |
| 602855 – UV lamp for PRO20 | 602975 – quartz sleeve for PRO20 | 650709-006 – power supply for PRO20 | 602856 – UV lamp for PRO50         | 660020-R; 660003-R - 120V; 660006-R - 230 V – power supply for PRO50 |
| 602856 – UV lamp for PRO30 | 602976 – quartz sleeve for PRO30 | 650709-009 – power supply for PRO30 | 602976 – quartz sleeve for PRO50   |  |

# Specifications



| MODEL                                     | PRO10<br>(650647)                        | PRO20<br>(650653)                        | PRO30<br>(650659)                         | PRO50<br>(660003-R)                         |
|---|--|--|---|---|
| <b>FLOW RATES</b>                         |  |  |   |   |
| US Public Health (16 mJ/cm <sup>2</sup> ) | –  | –  | –   | 110 GPM (415 lpm) (24.9 m <sup>3</sup> /hr) |
| VIQUA Standard (30 mJ/cm <sup>2</sup> )   | –  | –  | –   | 65 GPM (245 lpm) (14.7 m <sup>3</sup> /hr)  |
| NSF/EPA (40 mJ/cm <sup>2</sup> )          | 10 GPM (38 lpm) (2.3 m <sup>3</sup> /hr) | 20 GPM (76 lpm) (4.5 m <sup>3</sup> /hr) | 30 GPM (113 lpm) (6.8 m <sup>3</sup> /hr) | 50 GPM (189 lpm) (11.3 m <sup>3</sup> /hr)  |
| <b>DIMENSIONS</b>                         |  |  |   |   |
| Dimensions                                | 22" x 4" (54 cm x 10 cm)                 | 31" x 4" (78 cm x 10 cm)                 | 41" x 4" (103 cm x 10 cm)                 | 41" x 4" (103 cm x 10 cm)                   |
| Inlet/Outlet Port Size                    | 1 1/4" MNPT / 1" FNPT COMBO              | 1 1/4" MNPT / 1" FNPT COMBO              | 1 1/4" MNPT / 1" FNPT COMBO               | 2" MNPT                                     |
| Shipping Weight                           | 25 lbs (11.3 kg)                         | 28 lbs (12.7 kg)                         | 31 lbs (14 kg)                            | 31 lbs (14 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                         | 120 W                                    | 160 W                                    | 230 W                                     | 230 W                                       |
| Maximum Operating Pressure                | 125 psi (8.62 bar)                       | 125 psi (8.62 bar)                       | 125 psi (8.62 bar)                        | 125 psi (8.62 bar)                          |
| Ambient 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 Failure                      | YES                                      | YES                                      | YES                                       | YES   |
| Audible Lamp Replacement Reminder         | YES                                      | YES                                      | YES                                       | YES   |
| UV Sensor                                 | YES                                      | YES                                      | YES                                       | YES   |
| Flow Meter                                | YES                                      | YES                                      | YES                                       | NO  |
| Cool Touch Fan                            | YES                                      | YES                                      | YES                                       | YES   |

