

## Ultraviolet Water Systems from VIQUA

Designed for a streamlined installation, giving you time for more.

The quality of water can change over time and become contaminated with microorganisms. The VIQUA Arros™ is the premium residential UV system from VIQUA.

### Reduced Installation Complexity

Innovative chamber design, mounted controller, and high output UV lamp technology form a compact unit for a clean installation.

- ① The Tidal™ chamber aligns the inlet and outlet ports on a single plane, saving time and material.
- ② PolyProtect™ shield blocks UV light so the Arros UV can plumb directly to PEX and other polymer materials.
- ③ System mounting is simplified with an elongated steel bracket.

### Optimized Treatment Performance

Equipped with Stream™ technology which enables more accurate in-lamp usage measurement.

### Minimized Maintenance Hassle

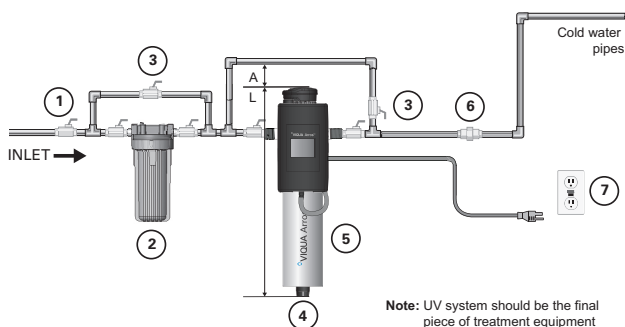
- ④ The all-in-one design of the VIQUA Arros lamp unit is easier to handle.
- ⑤ Threaded plug for quick, clean draining.
- ⑥ Easy-to-navigate LCD touchscreen to identify replacement part and dealer contact information.

Designed by you. Engineered by VIQUA.

Available in 9 GPM, 15 GPM and 22 GPM.



### Streamlined installation with VIQUA Arros saves time and material



1	Main water shut-off	5	UV System
2	Filter Cartridge (Recommended)	6	Optional Flow Restrictor
3	Optional by-pass assembly	7	Customer supplied GFCI circuit to match voltage
4	Drain Plug		

**Note:** By-pass pipe should be at least 6" above UV unit and as close to the wall as possible to ensure lamp unit can be removed.

## Specifications

The VIQUA Arros has been validated through microbial testing. Through this testing, performance data has been generated for UV dose delivery to inactivate *Cryptosporidium*, *Giardia*, *Escherichia coli* (*E. coli*) and fecal coliform.



MODEL	Arros 9	Arros 15	Arros 22
<b>FLOW RATES<sup>1</sup></b>			
VIQUA Standard 30 mJ/cm <sup>2</sup> @ 95% UVT	9 gpm (34.1 lpm) 2.0 m <sup>3</sup> /hr	15 gpm (56.8 lpm) 3.41 m <sup>3</sup> /hr	22 gpm (83.3 lpm) 5.0 m <sup>3</sup> /hr
<b>DIMENSIONS</b>			
Chamber	11.2" × 4.0" 28.4 cm × 10.16 cm	16.5" × 4.0" 42.0 cm × 10.16 cm	22.5" × 4.0" 57.2 cm × 10.16 cm
Controller	10.5" × 5.0" × 6.5" 26.67 cm × 12.7 cm × 16.51 cm	10.5" × 5.0" × 6.5" 26.67 cm × 12.7 cm × 16.51 cm	10.5" × 5.0" × 6.5" 26.67 cm × 12.7 cm × 16.51 cm
Inlet/Outlet Port Size	3/4" MNPT	3/4" MNPT	3/4" MNPT
Shipping Weight	12 lbs	15 lbs	18 lbs
<b>ELECTRICAL</b>			
Voltage	100–240 V 50/60 Hz	100–240 V 50/60 Hz	100–240 V 50/60 Hz
Max Current	1.5 A	1.5 A	1.5 A
Power Consumption	33W	46W	60W
Lamp Watts	25W	38W	52W
Maximum Operating Pressure	125 psi	125 psi	125 psi
Ambient Water Temperature	2–40°C (36–104°F)	2–40°C (36–104°F)	2–40°C (36–104°F)
<b>FEATURES</b>			
Lamp Type	High Output	High Output	High Output
Display	LCD Touch Screen	LCD Touch Screen	LCD Touch Screen
Lamp Unit Replacement Reminder	Yes	Yes	Yes
Visual Lamp Life	Yes	Yes	Yes
True Lamp Running Time	Yes	Yes	Yes
System Total Running Time	Yes	Yes	Yes
Chamber Material	304 Stainless Steel	304 Stainless Steel	304 Stainless Steel

<sup>1</sup> Flow Rates based on End Of Lamp Life

## Replacement Parts

<b>VA09LU</b> – UV lamp for Arros 9	<b>411111-R</b> – drain plug for all Arros systems
<b>VA15LU</b> – UV lamp for Arros 15	<b>411115-R</b> – lamp head o-ring for all Arros systems
<b>VA22LU</b> – UV lamp for Arros 22	<b>411138-R</b> – drain plug o-ring for all Arros systems
<b>VA-CTRL</b> – controller for all Arros systems	

Only VIQUA components ensure full functioning of the Arros™ UV system. Failure to use a VIQUA lamp unit will result in on ongoing fault mode and impair accurate lamp-life tracking.

For complete list of replacement parts, see manual at [www.trojantechnologies.com](http://www.trojantechnologies.com)

## 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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To learn more about the brands and affiliates of Trojan Technologies, please visit [www.trojantechnologies.com](http://www.trojantechnologies.com)