

# VIQUA Arros™ 9-V, Arros 15-V, and Arros 22-V

## Ultraviolet Water Treatment Systems from VIQUA

### Designed by you. Engineered by VIQUA.

The quality of water changes over time and can become contaminated with microorganisms. The premium residential UV system, VIQUA Arros™ is designed for a streamlined installation, giving you time for more.

### 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.

### Minimized maintenance hassle

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

### Optimized treatment performance

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

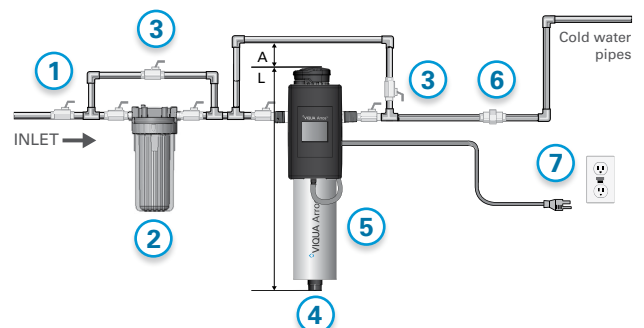


### Streamlined installation saves time and material

- |                              |                                                    |
|------------------------------|----------------------------------------------------|
| 1. Main water shut-off       | 5. UV system                                       |
| 2. Filter cartridge          | 6. Flow restrictor                                 |
| 3. Optional by-pass assembly | 7. Customer-supplied GFCI circuit to match voltage |
| 4. Drain plug                |                                                    |

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

UV system should be the final piece of treatment equipment.



## Specifications

The Arros UV systems (-V models) inactivate heterotrophs, *Escherichia coli* (*E. coli*), and fecal coliform.



	Arros 9-V	Arros 15-V	Arros 22-V
<b>Flow rates* (@ 70% UVT)</b>			
NSF Class B Certified 16mJ/cm <sup>2</sup>	6.4 gpm (30 lpm); 1.45 m <sup>3</sup> /hr	9.4 gpm (49.2 lpm); 2.13 m <sup>3</sup> /hr	12.9 gpm (70.0 lpm); 2.93 m <sup>3</sup> /hr
<b>Dimensions</b>			
Chamber	11.2 in. x 4.0 in. (28.4 cm x 10.16 cm)	16.5 in. x 4.0 in. (42.0 cm x 10.16 cm)	22.5 in. x 4.0 in. (57.2 cm x 10.16 cm)
Controller	10.5 in. x 5.0 in. x 6.5 in. (26.67 cm x 12.7 cm x 16.51 cm)		
Inlet and outlet port size	3/4 in. MNPT		
Shipping weight	12 lbs (5.44 kg)	15 lbs (6.8 kg)	18 lbs (8.16 kg)
<b>Electrical</b>			
Voltage	100–240V (50/60 Hz)		
Max current	1.5 A		
Power consumption	33W	46W	60W
Lamp watts	25W	38W	52W
Maximum operating pressure	125 psi (8.62 bar)		
Ambient water temperature	2–40°C (36–104°F)		
<b>Features</b>			
Lamp type	High output	High output	High output
Display	LCD touchscreen	LCD touchscreen	LCD touchscreen
Lamp unit replacement reminder	Y	Y	Y
Visual lamp life	Y	Y	Y
True lamp running time	Y	Y	Y
System total running time	Y	Y	Y
Chamber material	304 stainless steel	304 stainless steel	304 stainless steel

\* Flow rates based on end of lamp life.

### Replacement parts†

<b>VA09LU:</b> UV lamp for Arros 9-V	<b>FRSS-A15:</b> flow restrictor for Arros 15-V
<b>VA15LU:</b> UV lamp for Arros 15-V	<b>FRSS-A22:</b> flow restrictor for Arros 22-V
<b>VA22LU:</b> UV lamp for Arros 22-V	<b>411111-R:</b> drain plug for all Arros systems
<b>VA-CTRL:</b> controller for all Arros systems	<b>411173-R:</b> lamp head O-ring for all Arros systems
<b>FRSS-A9:</b> flow restrictor for Arros 9-V	<b>41138-R:</b> drain plug O-ring for all Arros systems

† Only VIQUA components ensure full functioning of the Arros UV system. Failure to use a VIQUA lamp will result in an ongoing fault mode and impair accurate lamp-life tracking. For a complete list of replacement parts, reference the system's instruction manual or visit [VIQUA.com](http://VIQUA.com).

### Water quality parameters

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



To learn more about the VIQUA Arros family and the efficacy of its UV treatment systems, visit [VIQUA.com](http://VIQUA.com)