

# 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.

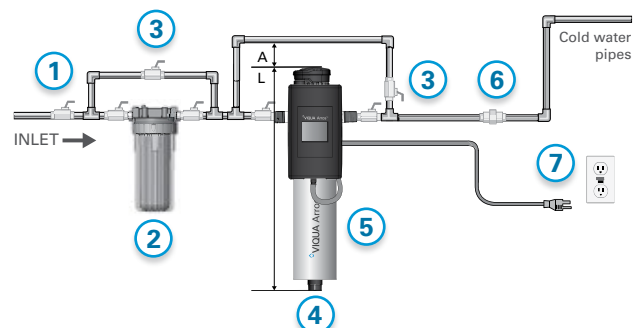


### Streamlined installation saves time and material

- |                              |  |
|------------------------------|--|
| 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.<br>(28.4 cm x 10.16 cm)                     | 16.5 in. x 4.0 in.<br>(42.0 cm x 10.16 cm)  | 22.5 in. x 4.0 in.<br>(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                 | Combo: 1 in. MNPT, 3/4 in. FNPT                                |   |  |
| Shipping weight                            | 12 lbs (5.44 kg)   | 15 lbs (6.8 kg)                             | 18 lbs (8.16 kg)                             |
| Splash guard (optional)                    | 11.85 in. x 5.59 in. x 7.28 in. (30.1 cm x 14.2 in. x 18.5 cm) |   |  |
| <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.

## System accessory

**Arros Splash Guard** is designed and tested to shield the UV system from environmental exposure, ensuring long-term reliability and peak performance. This newly released protective cover acts as a barrier against water and other liquids, safeguarding the system's sensitive components in real-world conditions. Installing the splash guard enhances durability, maintains system integrity, and minimizes the risk of operational disruptions.

### KEY FEATURES

- **Enhanced protection** – Helps reduce exposure to everyday environmental elements, supporting uninterrupted performance
- **Effortless installation** – No tools required – simply place the cover over the controller
- **Precision fit** – Designed specifically for all VIQUA Arros models, ensuring seamless compatibility

### DIMENSIONS

11.9 in. x 5.6 in. x 7.3 in. (30.1 cm x 14.2 cm x 18.5 cm)



### Replacement parts†

|  |  |
|--|--|
| <b>VA09LU:</b> UV lamp for Arros 9-V             | <b>FRSS-A22:</b> flow restrictor for Arros 22-V          |
| <b>VA15LU:</b> UV lamp for Arros 15-V            | <b>411111-R:</b> drain plug for all Arros systems        |
| <b>VA22LU:</b> UV lamp for Arros 22-V            | <b>411173-R:</b> lamp head O-ring for all Arros systems  |
| <b>VA-CTRL:</b> controller for all Arros systems | <b>411138-R:</b> drain plug O-ring for all Arros systems |
| <b>FRSS-A9:</b> flow restrictor for Arros 9-V    | <b>411203-R:</b> Splash guard for any Arros model        |
| <b>FRSS-A15:</b> flow restrictor for Arros 15-V  |  |

† 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

| Hardness                 | Iron       | Tannins    |
|--------------------------|------------|------------|
| < 7 grains<br>(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)