

VIQUA Arros 9, Arros 15, and Arros 22

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. VIQUA Arros® is the premium residential UV system from VIQUA. Available in 9, 15, and 22 gpm, Arros systems are 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.

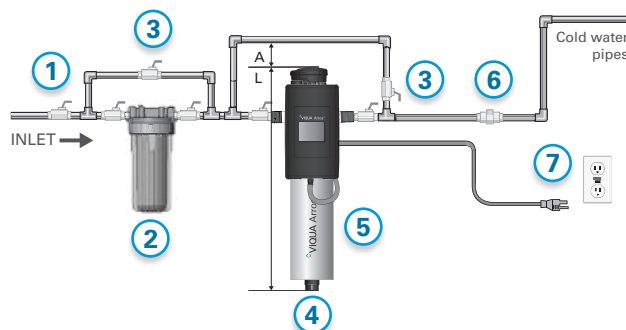


Streamlined installation saves time and material

- | | |
|-----------------------------------|--|
| 1. Main water shut-off | 5. UV system |
| 2. Filter cartridge (recommended) | 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 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*.



Arros 9		Arros 15		Arros 22	
Flow rates* (@ 95% UVT)					
U.S. Public Health 16 mJ/cm²	17 gpm (64.3 lpm); 3.86 m³/hr	29 gpm (109.8 lpm); 6.59 m³/hr	42 gpm (159 lpm); 9.54 m³/hr		
VIQUA Standard 30 mJ/cm²	9 gpm (34.1 lpm); 2.0 m³/hr	15 gpm (56.8 lpm); 3.41 m³/hr	22 gpm (83.3 lpm); 5.0 m³/hr		
NSF/EPA 40 mJ/cm²	7 gpm (26.5 lpm); 1.59 m³/hr	12 gpm (45.4 lpm); 2.73 m³/hr	16 gpm (60.6 lpm); 3.63 m³/hr		
Dimensions					
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	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)				
Electrical					
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)				
Features					
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 dust, debris, 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 protect against dust, debris, and splashes, 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)



Arros Dry-Contact

The VIQUA Arros dry-contact provides a reliable way to integrate your UV system with external devices for enhanced monitoring. This feature utilizes an external port on the controller to deliver an open/closed relay signal, indicating whether a critical alarm is present on the UV system. By enabling seamless communication with other components, it ensures appropriate responses to critical alarms.



KEY APPLICATIONS:

- **Enhanced protection** – Connect to a junction box and solenoid valve to stop water flow during a power outage or critical UV system alarm, preventing unsafe water from entering the supply.
- **Effortless installation** – Trigger an external indicator light or buzzer in a more visible location than the UV system, ensuring critical alarms are noticed promptly.
- **Precision fit** – Link to external monitoring systems for real-time status updates and improved oversight of water treatment operations.

The following Arros models will now be available for order with the “-DC” suffix/variant code:

NEW DESCRIPTION		
Part Number		
ARROS 9-DC		SYS, 9GPM ARROS DRY CONTACT
ARROS 15-DC		SYS, 15GPM ARROS DRY CONTACT
ARROS 22-DC		SYS, 22GPM ARROS DRY CONTACT
ARROS 9-DC/2		SYS, 9GPM ARROS DC CEE7/7
ARROS 15-DC/2		SYS, 15GPM ARROS DC CEE7/7
ARROS 22-DC/2		SYS, 22GPM ARROS DC CEE7/7
ARROS 9-DC/2A		SYS, 9GPM ARROS DC AS3112
ARROS 15-DC/2A		SYS, 15GPM ARROS DC AS3112
ARROS 22-DC/2A		SYS, 22GPM ARROS DC AS3112
ARROS 9-DC/WR		SYS, 9GPM ARROS DC BSP
ARROS 15-DC/WR		SYS, 15GPM ARROS DC BSP
ARROS 22-DC/WR		SYS, 22GPM ARROS DC BSP
Accessories		
650717-002		1 in. Solenoid Kit with Junction Box for Arros Dry Contact

Replacement parts†

VA09LU: UV lamp for Arros 9	411111-R: drain plug for all Arros systems
VA15LU: UV lamp for Arros 15	411173-R: lamp head O-ring for all Arros systems
VA22LU: UV lamp for Arros 22	411138-R: drain plug O-ring for all Arros systems
VA-CTRL: controller for all Arros systems	411203-R: Splash guard for any Arros model

Water quality parameters

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

† 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.

To learn more about the VIQUA Arros family and the efficacy of its UV treatment systems, visit VIQUA.com