



VIQUA Arros™ IHS

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 IHS systems integrate pretreatment and 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.
7. Premium three-piece filter housings provide seamless filter replacements.

Optimized treatment performance

Equipped with Stream™ technology, which enables:

- More accurate in-lamp usage measurement.
- No more resets, as encrypted communication allows the system to identify a new lamp and reset itself.

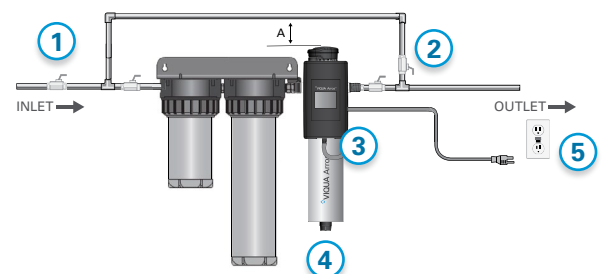


Streamlined installation saves time and material

1. Main water shut-off
2. Optional by-pass assembly
3. UV system
4. Drain plug
5. Customer-supplied GFCI circuit to match voltage

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.

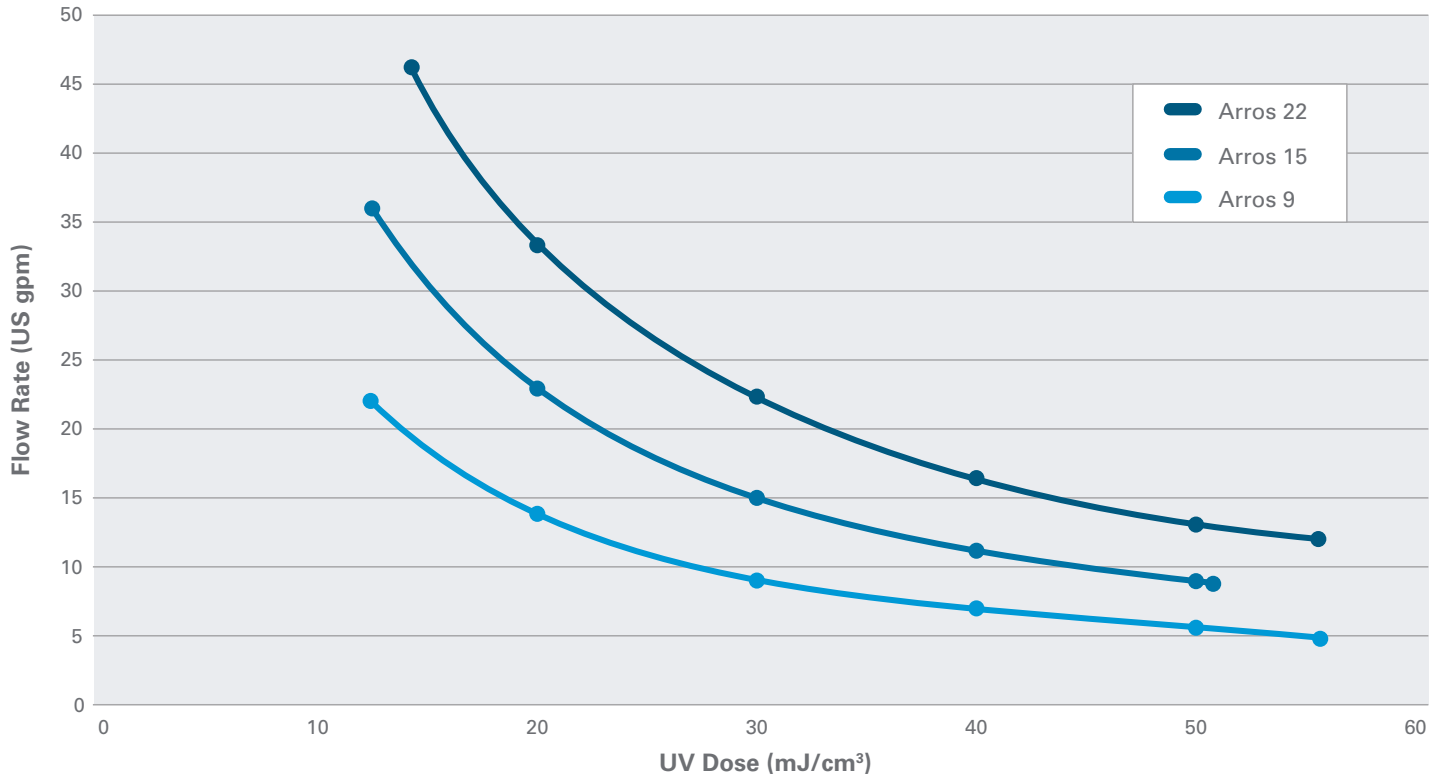


	Arros 9 – IHS10	Arros 9 – IHS12	Arros 15 – IHS10	Arros 15 – IHS12	Arros 15 – IHS22	Arros 22 – IHS22
Flow rates¹ (@ 95% UVT)						
U.S. Public Health 16 mJ/cm ²	17 gpm (64.3 lpm); 3.86 m ³ /hr		29 gpm (109.8 lpm); 6.59 m ³ /hr		42 gpm (159 lpm); 9.54 m ³ /hr	
VIQUA Standard 30 mJ/cm ²	9 gpm (34.1 lpm); 2.0 m ³ /hr		15 gpm (56.8 lpm); 3.41 m ³ /hr		22 gpm (83.3 lpm); 5.0 m ³ /hr	
NSF/EPA 40 mJ/cm ²	7 gpm (26.5 lpm); 1.59 m ³ /hr		12 gpm (45.4 lpm); 2.73 m ³ /hr		16 gpm (60.6 lpm); 3.63 m ³ /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)					
Overall (LxHxD)	16.95 in. x 17.5 in. x 9.0 in. (43.0 cm x 44.5 cm x 22.9 cm)	24.95 in. x 27.5 in. x 9.0 in. (63.4 cm x 69.9 cm x 22.9 cm)	16.95 in. x 20.82 in. x 9.0 in. (43.0 cm x 52.9 cm x 22.9 cm)	24.95 in. x 27.5 in. x 9.0 in. (63.4 cm x 69.9 cm x 22.9 cm)		
Inlet port size	1 in. FNPT					
Outlet port size	Combo: 1 in. MNPT, 3/4 in. FNPT					
Shipping weight	40 lbs (18.1 kg)	46 lbs (20.9 kg)	40 lbs (18.1 kg)	46 lbs (20.9 kg)	50 lbs (22.7 kg)	50 lbs (22.7 kg)
Electrical						
Voltage ²	100–240V (50/60 Hz)					
Max current	1.5 A					
Power consumption	35W		50W		65W	
Lamp watts	24W		38W		52W	
Maximum operating pressure	100 psi (6.9 bar)					
Ambient water temperature	2-40°C (36-104°F)					
Features						
Lamp type	High output					
Display	LCD touchscreen					
Lamp unit replacement reminder	Y					
Visual lamp life	Y					
True lamp running time	Y					
System total running time	Y					
Chamber material	304 stainless steel					
High-flow sediment filter	10 in.	10 in.	10 in.	10 in.	20 in.	20 in.
High-performance carbon filter	–	20 in.	–	20 in.	20 in.	20 in.

¹ Flow rates based on end of lamp life.

² Units ending in “/2” are for 230V applications.

VIQUA Arros dose curves at 95% UVT at end of life



Replacement parts

VA09LU: UV lamp for Arros 9-IHS10 and Arros 9-IHS12

VA15LU: UV lamp for Arros 15-IHS10, Arros 15-IHS12, and Arros 15-IHS22

VA22LU: UV lamp for Arros 22-IHS22

CMB-510-HF: sediment cartridge for Arros 9-IHS10, Arros 9-IHS12, Arros 15-IHS10, and Arros 15-IHS12

CMB-520-HF: sediment cartridge for Arros 15-IHS22 and Arros 22-IHS22

C2-02PB: taste, odor, and lead cartridge for Arros 9-IHS12, Arros 15-IHS12, Arros 15-IHS22, and Arros 22-IHS22

VA-CTRL: controller for all Arros systems

411111-R: drain plug for all Arros systems

411173-R: lamp head O-ring for all Arros systems

41138-R: drain plug O-ring for all Arros systems

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](https://viqua.com)