Arros 9-IHS10, Arros 9-IHS12, Arros 15-IHS10, Arros 15-IHS12, Arros 15-IHS22, Arros 22-IHS22

Ultraviolet Water Systems from VIQUA

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

The VIQUA Arros™ is the premium residential UV system from VIQUA.

Reduced Installation Complexity

Innovative chamber design, integrated pre-filtration, pre-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. Solid steel reversible bracket.

Optimized Treatment Performance

Equipped with Stream™ technology which enables:

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

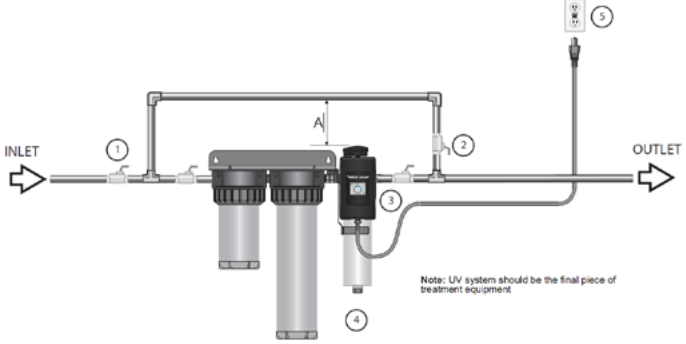
Minimized Maintenance Hassle

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.
7. Premium 3-piece filter housings provide seamless filter replacements.

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	4	Drain Plug
2	Optional by-pass assembly	5	Customer supplied GFCI circuit to match voltage
3	UV System		

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

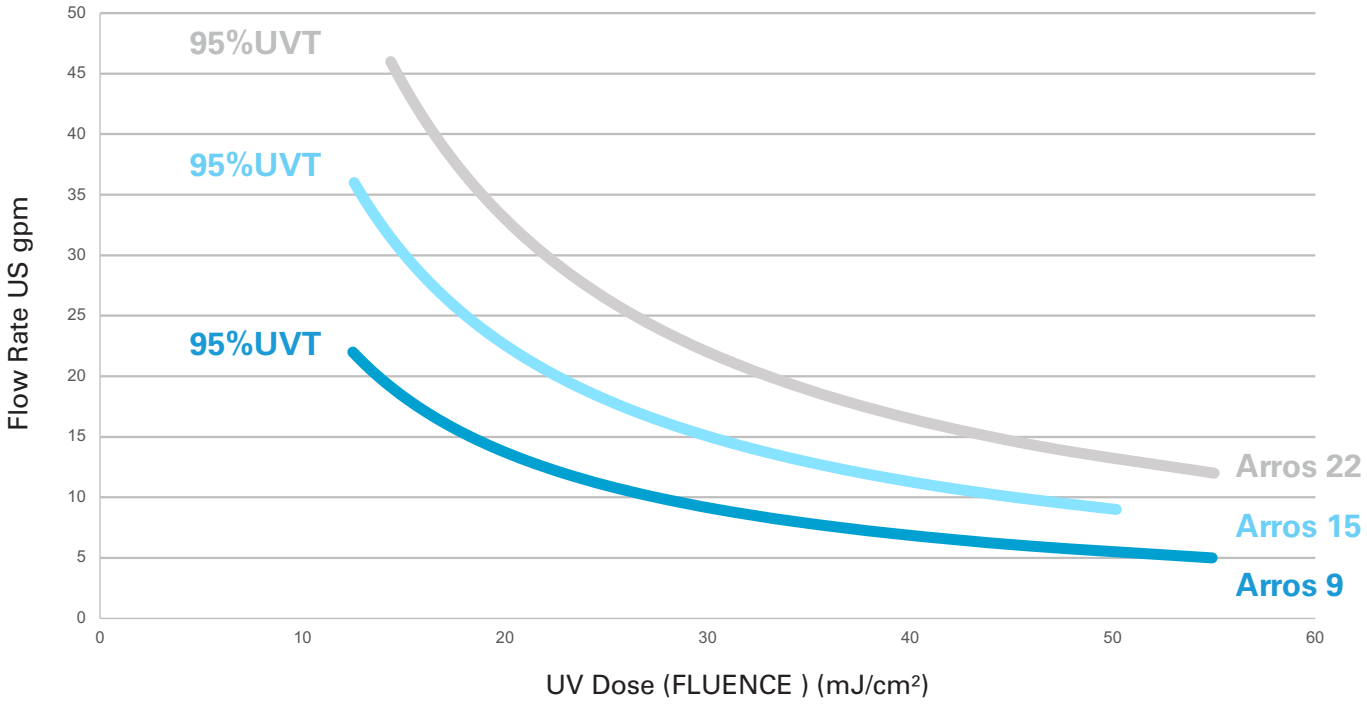
The VIQUA Arros has been validated through microbial testing. Through this testing, performance data has been generated for UV dose delivery to inactivate *Cryptosporidium*, *Giardia*, *Escherichia coli (E. coli)* and fecal coliform.

MODEL	Arros 9 – IHS10	Arros 9 – IHS12	Arros 15 – IHS10	Arros 15 – IHS12	Arros 15 – IHS22	Arros 22 – IHS22
FLOW RATES[1]						
US Public Health 16mJ/cm² @ 95% UVT	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 30mJ/cm² @ 95% UVT	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 40mJ/cm² @ 95% UVT	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	28.4 cm × 10.16 cm (11.2" × 4.0")		42.0 cm × 10.16 cm (16.5" × 4.0")			57.2 cm × 10.16 cm (22.52" × 4.0")
Controller	26.67 cm × 12.7 cm × 16.51 cm (10.5" × 5.0" × 6.5")					
Overall (L×H×D)	43.0 cm × 44.5 cm × 22.9 cm (16.95" × 17.5" x 9.0")	63.4 cm × 69.9 cm × 22.9 cm (24.95" × 27.5" x 9.0")	43.0 cm × 52.9 cm × 22.9 cm (16.95" × 20.82" × 9.0")	63.4 cm × 69.9 cm × 22.9 cm (24.95" × 27.5" × 9.0")		
Inlet Port Size	3/4" FNPT					
Outlet Port Size	3/4" MNPT					
Shipping Weight	40lbs (18.1kg)	46lbs (20.9kg)	40lbs (18.1kg)	46lbs (20.9kg)	50lbs (22.7kg)	50lbs (22.7kg)
ELECTRICAL						
Voltage[2]	100-240 V 50/60 Hz					
Max Current	1.5 Amp					
Power Consumption	35 W		50 W			65 W
Lamp Watts	24 W		38 W			52 W
Maximum Operating Pressure	100 psi (6.9 bar)					
Ambient Water Temperature	2-40°C (36-104°F)					
FEATURES						
Lamp Type	High Output					
Display	LCD Touch Screen					
Lamp Unit Replacement Reminder	Yes					
Visual Lamp Life	Yes					
True Lamp Running Time	Yes					
System Total Running Time	Yes					
Chamber Material	304 Stainless Steel					
High-flow Sediment Filter	10"	10"	10"	10"	20"	20"
High-performance Carbon Filter	–	20"	–	20"	20"	20"

[1] Flow rates based on End of Lamp Life; 20°C. Not performance tested or certified by NSF.
[2] Units ending in "/2" are for 230V applications.

VIQUA

VIQUA Arros Dose Curves at 95%UVT @EOL



Replacement Parts

VA09LU – UV lamp for Arros 9-IHS10 and Arros 9-IHS12	**C2-02PB** – taste/odour/lead cartridge forArros 9-IHS12, Arros 15-IHS12, Arros 15-IHS22, and Arros 22-IHS22
VA15LU – UV lamp for Arros 15-IHS10, Arros 15-IHS12, and Arros 15-IHS22	**VA-CTRL** – controller for all Arros systems
VA22LU – UV lamp for Arros 22-IHS22	**411111-R** – drain plug for all Arros systems
CMB-510-HF – sediment cartridge for Arros 9-IHS10, Arros 9-IHS12, Arros 15-IHS10, and Arros 15-IHS12	**411115-R** – lamp head o-ring for all Arros systems
CMB-520-HF – sediment cartridge for Arros 15-IHS22 and Arros 22-IHS22	**411138-R** – 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 unit will result in an ongoing fault mode and impair accurate lamp-life tracking.

For complete list of replacement parts, see manual at **www.trojantechnologies.com**

Water Quality Parameters

Hardness
< 7 grains (120 mg/L)

Iron
< 0.3 mg/L

Tannins
< 0.1 mg/L

To learn more about the brands and affiliates of Trojan Technologies, please visit www.trojantechnologies.com

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