



Professional Grade Ultraviolet Disinfection Systems

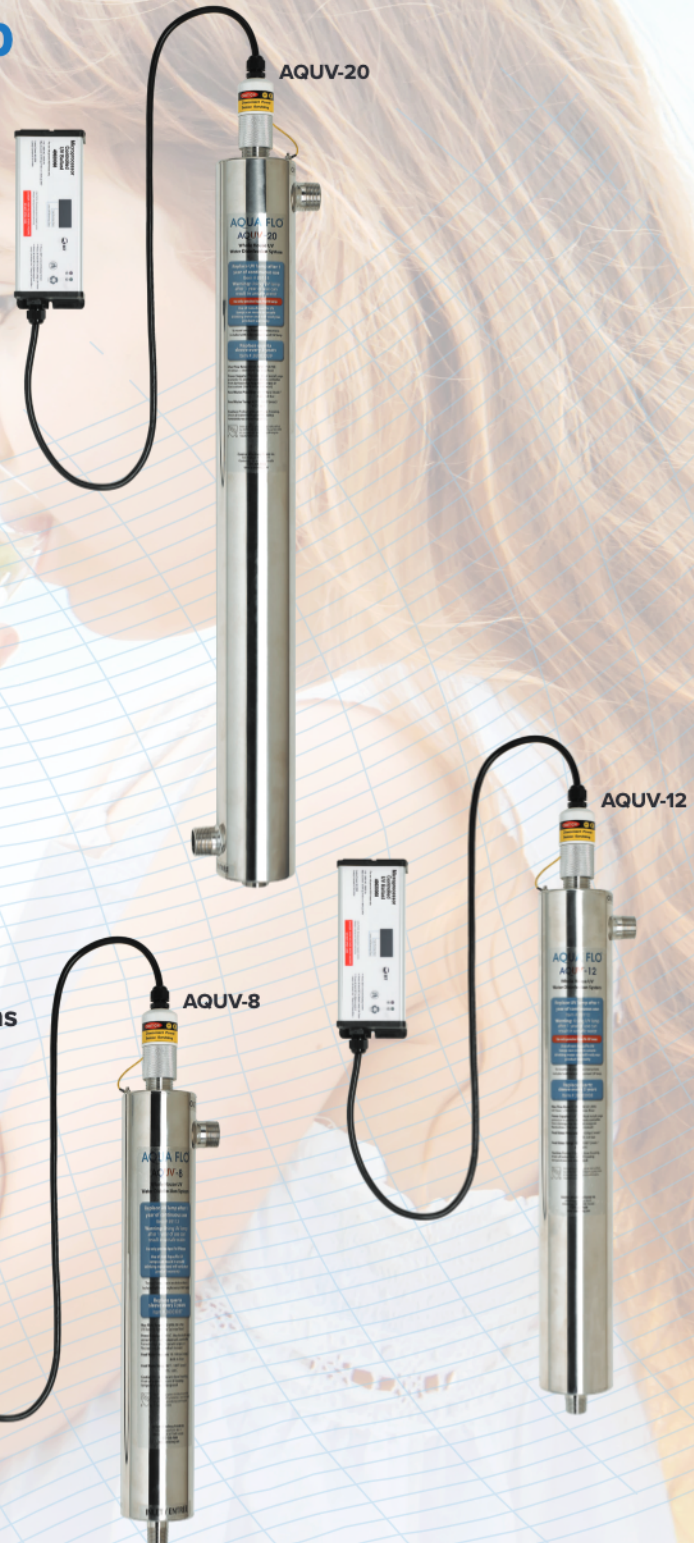
Models: AQUV-8, AQUV-12, AQUV-20

A Security System For Your Water


UV technology provides additional security for your water supply. It is proven to control microbiological (bacteria & virus) issues in water including **E.coli**, **Cryptosporidium**, and **Giardia Lamblia** without the use of chemicals.

Residential Systems Features:

- ◆ Three models available (8gpm, 12gpm, & 20gpm)
- ◆ Treats water for whole house without chemicals
- ◆ Integral lamp life monitor with digital display. Includes both audible and visual lamp life indicator.
- ◆ Compact design with high quality stainless steel chamber
- ◆ Flow rates stated at 95% UVT at a dose of 30mJ/cm2
- ◆ Maintenance is simple and can be performed in minutes without use of tools
- ◆ Patented high output UV lamps designed and engineered for high disinfection performance
- ◆ Efficient microprocessor controlled ballast (one controller for all systems) with audible alarm and visual lamp failure indicator to show end of lamp life
- ◆ Consistent UV output over voltage and frequency variations



Item #	Description
40030101	UV,AQUV-8
40030102	UV,AQUV-12
40030103	UV,AQUV-20

 Certified by IAPMO R&T against NSF/ANSI/CAN 61, 372 and CSA B483.1 for material safety, structural integrity and lead free requirement.

Category	AQUV-8	AQUV-12	AQUV-20
Maximum flow rate @ 30 mJ/cm ²	8 gpm / 30 lpm	12 gpm / 45 lpm	20 gpm / 75 lpm
Maximum flow rate @ 40 mJ/cm ²	5 gpm / 19 lpm	8 gpm / 30 lpm	12 gpm / 45 lpm
Lamp service life	9000 Hours		
Lamp Power	35 watt	45 watt	65 watt
Power Consumption	35 watt	45 watt	65 watt
Annual lamp change timer	Yes		
Lamp-ON Indicator	Yes		
Audio/Visual alarms	Yes		
Chamber material	304 Stainless Steel		
Chamber dimensions (D x L)	3.5" x 16.0"	3.5" x 20.0"	3.5" x 31.125"
Controller dimensions (L x W x D)	8" x 3" x 2.25"		
Inlet/Outlet port size	3/4" NPT		1" NPT
AC supply voltage	120V, 50/60Hz, 0.8A		
Maximum operating pressure	100psi		
Water temperature range	2 - 40°C (36-104°F)		
Shipping Weight	9lb / 4kg	10lb / 4.5kg	13lb / 5.9kg

For optimum performance of the system, water entering the UV System should meet the following parameters*:

Hardness: < 7.0 gpg (120 ppm)

Iron: < 0.3 ppm

Manganese: < 0.05 ppm

Turbidity: < 1 NTU

Tannins/Colour: None

UV Transmissivity: > 85%

**Water quality exceeding above parameters may require additional pre-treatment prior to UV disinfection.*

CERTIFICATION

AQUV UV Systems are tested and certified by IAPMO R&T against NSF/ANSI/CAN 61, 372 and CSA B483.1 for material safety, structural integrity and lead free requirement.

UV dose performance validated by independent laboratory.

WARRANTY

(refer to Owner's Manual for complete details including conditions & exclusions):

Reactor Chamber: Seven (7) Year Limited

Electronics: One (1) Year Limited

UV Lamps: 30 days against manufacturing defects

Quartz Sleeves: 30 days against manufacturing defects

REPLACEMENT PARTS

System	AQUV-8	AQUV-12	AQUV-20
Item #	40030101	40030102	40030103
Lamp	89112	89113	89114
Quartz Dome	36003037	36003038	36003039
Controller	40020068	40020068	40020068



AQUV[®]
by AQUA FLO

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