



# Professional Grade Ultraviolet Disinfection Systems

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

## A Security System For Your Water

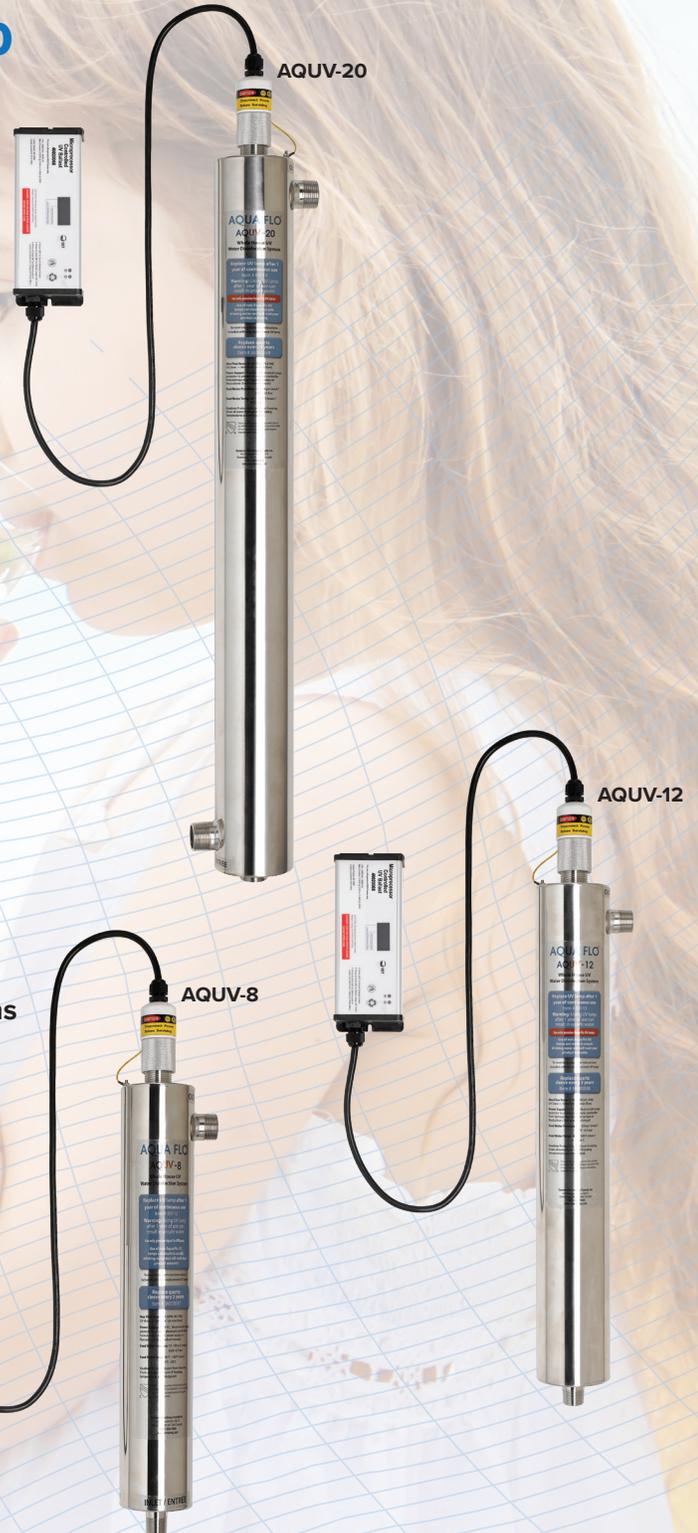
UV technology provides additional security for your water supply. It is proven to control microbiological (bacteria & virus) issues in water including ***E.coli***, ***Cryptosporidium***, and ***Giardia Lamblia*** without the use of chemicals.

## 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 <sup>2</sup>	8 gpm / 30 lpm	12 gpm / 45 lpm	20 gpm / 75 lpm
Maximum flow rate @ 40 mJ/cm <sup>2</sup>	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**<sup>®</sup>  
by AQUA FLO<sup>®</sup>

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