

WHOLE HOUSE 3 STAGE AQUA BIG UV SYSTEM “HIGH OUTPUT”

Residential Crossover - High Flow Rates. Not only is it safe and highly effective, UV does not change the taste, colour, or odour of water. It simply removes the risk of illness caused by microbial contamination, making water safe.



1ST AND 2ND STAGE: SEDIMENT FILTRATION

- Coarse/Fine Filtration includes dual grade depth cartridges for removal of very fine particles and more importantly, removal of Giardia and Cryptosporidium cysts

OPTIONAL: CARBON FILTER

- Carbon Filter removing chlorine, asbestos, chemicals, and unwanted taste and odours from your water

3RD STAGE: UV STERILISATION

- UV Sterilisation to ensure the destruction of 99% of bacteria and viruses, including E-coli and Giardia

UV CONTROLLER



AUVC-HO

AUVC-STD

- Constant current electronic controller (one controller for all systems) is in a splash-proof case.
- A colour user interface allows for easy visual identification of remaining lamp life and any fault codes or errors such as diagnostics, status, warnings, and QR codes for a link back to Aqua Synergy Group's website.
- Sample Screen Shots:

BENEFITS

- Cost effective
- Safe technology
- No chemicals required
- Easy installation (When using a specialist)
- Treats every tap in the line
- 100% peace of mind

PRODUCT CODE

WHUV-B3M (Standard)
WHUVH-B3M (High Output)

APPLICATION/SIZING

- WHAUV-B3M suits Whole House 1 Bathroom
- WHAUVH-B3M suits Whole House 2-3 Bathroom



UV Output Screen



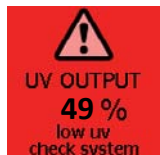
Home Screen



Lamp Life Remaining Screen



Lamp Expiration Screen



Low UV Warning Screen



Unsafe Water Screen



QR Code Screen



Lamp Failure Screen



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Phone 09 414 5600 Fax 09 414 5601
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UV LIGHT SPECIFICATIONS

| Model | AUV-30.4 (WHAUV-B3M System) | AUVH-52 (WHAUVH-B3M System) |
|---------------------------------------|--|---|
| Description | Normal Output | High Output |
| Flow Rate (@16 mJ/cm ²) | | 113.6 lpm |
| Flow Rate (@30 mJ/cm ²) | | 56.8 lpm |
| Flow Rate (@40 mJ/cm ²) | | 45.4 lpm |
| Port Size | | 1" MNPT |
| Electrical | | 110-220V / 50-60Hz |
| Lamp Watts | | 45 |
| Power (watts) | | 57 |
| Chamber Material | 304 Stainless Steel, A249 Pressure Rated Tubing, Polished & Passivated | 316L Stainless Steel, A249 Pressure Rated Tubing, Polished & Passivated |
| Replacement Lamp | AUVL-434 | AUVL-434HO |
| Replacement Sleeve | AUVQ-466 | AUVQ-466 (UV Quartz Sleeve Domed 22.5x20x466mm) |
| Chamber Dimensions | 8.9 x 50.8 cm (3.5 x 20.0") | 8.9 x 50.8 cm (3.5 x 20.0") |
| Controller Dimensions | 171.5 x 92.1 x 76.2 mm (6.8 x 3.6 x 3") | 217.4 x 107.5 x 88.7 mm (8.6 x 4.2 x 3.5") |
| Maximum Operating Pressure | 150 psi (10 bar) | 150 psi (10.3 bar) |
| Operating Temperature Range | 2-40° C (36-104° F) | 2-40° C (36-104° F) |
| UV Monitor | | Upgradeable, includes visual glow plug |
| Dry Contacts (solenoid ready) | Optional | Optional |
| 4-20 mA Output | Optional | Optional |
| Lamp Age Counter | Yes | Yes |
| Lamp-Out Indicator (audible & visual) | Yes | Yes |
| Shipping Weight | | 6.0 kg (13.2 lbs) |

UV FEATURES

- A premium UV system with many features, the Aqua UV System is truly different from everything else in the market.
- UV technology is proven to control microbiological (bacteria & virus) issues in water including E.coli, Cryptosporidium and Giardia lamblia. If you are unsure of the microbiological quality of your water source and is looking for additional security from your town water, then look no further.
- The Aqua UV is modular in its design, it allows easy upgradeability in the future.
- Axial flow, 316L stainless steel chamber, polished chambers with integral sensor port to allow for sensor upgradeability in the future (comes standard with visual glow plug).
- The single-end design allows for lamp change without the need to drain the chamber.
- True gland seal retaining nut with positive stop.
- User friendly bayonet style lamp connector (quick 1/4 turn removal with no extra tools needed)
- Reliable, industry proven, high quality low pressure (LP) coated UV lamps with ceramic bases are used for durability, offering a consistent output, a 10,000 hour life.
- Designed & manufactured to ASME pressure vessel standards
- Flow rates stated at 95% UVT at a dose of 30mJ/cm²

UV SENSOR MODULE (OPTIONAL UPGRADE)



- Allows the 254nm UV wavelength to be measured and displayed via the controller. The sensor plugs directly into the controller and is mounted in the sensor port located on all Aqua UV POE chambers. Order AUVS-2.5 for 22 & 38 lpm (6 & 10 gpm) systems and AUVS-3.5 for 75 lpm (20 gpm) systems.

SERVICING FREQUENCY

| | |
|----------------------------------|---------------------------|
| 1st Stage: Sediment Filter | Replace every 6-12 Months |
| 2nd Stage: Sediment Filter | Replace every 6-12 Months |
| Optional Addition: Carbon Filter | Replace every 6-12 Months |
| 3rd Stage: UV Lamp | Replace every 12 Months |

MANUFACTURER'S WARRANTY

- Chambers - 10 Year Limited Warranty
- Electronics - 3 Year Limited Warranty
- UV Lamps - 1 Year Limited Warranty
- Quartz Sleeves - 1 Year Limited Warranty



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WHOLE HOUSE 3 STAGE JUMBO AQUA UV SYSTEM “HIGH OUTPUT”

Residential Crossover - High Flow Rates. Not only is it safe and highly effective, UV does not change the taste, colour, or odour of water. It simply removes the risk of illness caused by microbial contamination, making water safe.



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PRODUCT CODE

WHAUVH-J3M

WHAUVHC-J3M

APPLICATION/SIZING

- Suits Whole House/multiple dwellings (2-3 Bathrooms), and small/large commercial requirements



UV Output Screen



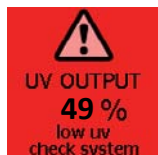
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