

## Advance Ultra-Violet Disinfection Systems Fish Farms & Aquaculture Industries:

Reliable Protection From Pathogenic Micro-organisms E.g. Bacteria, Viruses, Yeast, Algae, Spores Etc.

Easy to Install, Use and Maintain. Certified to Watermark Level1



### Protect your fish stock & grow yield

Waterborne diseases caused by pathogenic microorganisms represent a major commercial threat to Aquaculture Industry.

### Ultra-Violet Disinfection

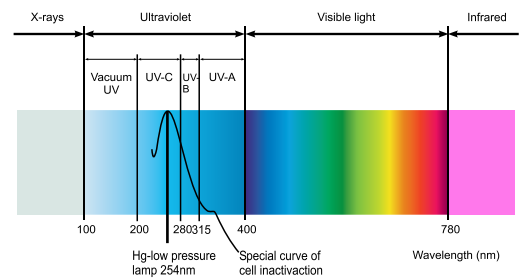
UV radiation of wavelengths between 200 to 280 nm (UV-C) has proved to damage DNA molecules of most pathogenic micro-organisms including bacteria, viruses, yeasts, protozoa, fungi, cysts, spores, etc.

The microorganisms with damaged DNA lose their ability to cause infections.

No pathogenic micro-organism is known to resist correctly applied and sufficient dose of UV-C radiation.

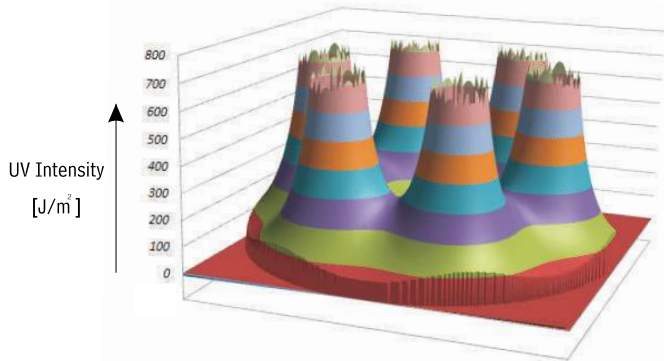
### Advance UV System Offer Protection from

Aeromonas, Enterovirulent e-coli, Pseudomonas, Streptococcus, Vibrio, etc.



## The Advance Edge

- ✓ Certified to WaterMark Level 1
- ✓ Reliable Disinfection Performance
- ✓ Extensive Australian UV Market Experience & Proven Expertise
- ✓ High UV Dose Delivery for Reliable Performance
- ✓ Choice of Low Pressure, LPHO, Amalgam or Medium Pressure UV Technologies
- ✓ Designed with Internationally Respected UV Dose Modeling Software



- ✓ High Performance, Long Life UV Lamps with Tuned Electronic Ballasts
- ✓ SS316L Electro-polished UV Reactors for Long Life
- ✓ Turbulent Flow Optimizers for Uniform UV Dose Distribution
- ✓ Standard UV Models for Flows  $\leq 500\text{m}^3/\text{hr}$
- ✓ Ex-Stock Spares at Advance Sydney Warehouse
- ✓ Custom Units Available
- ✓ Compact Sizes
- ✓ Options
  - DVGW/ÖNorm UV Sensors & Monitors for Online Performance Monitoring
  - PLC/BMS/SCADA Integration with PLCs
  - Variable Power High Efficiency Electronic Ballasts
  - IP65 Power Supply
  - Quartz Sleeve Wipers
  - Polymer Reactors for Highly Corrosive Environments



## Advance UV Systems Are Perfect for Reliable Protection from Pathogenic Microorganisms in

- ✓ Hatcheries
- ✓ Fish & Seafood Farms
- ✓ Tank Water
- ✓ Feed Water
- ✓ Process Water
- ✓ Fish & Seafood Transportation & Processing
- ✓ Aquaria
- ✓ Effluent Water, etc.

## Advance UV Range includes

- ✓ Low Pressure, LPHO & Amalgam UV Systems & Spare Parts
- ✓ Medium Pressure UV Systems & Spare Parts
- ✓ Polymer UV Systems & Spare Parts



**Replacement Spare Parts: We carry extensive inventory of spare parts for most common brands of UV units in Australia**

Contact us for high quality replacement spare parts for your UV Units including

- UV Lamps: Low Pressure, LPHO, Amalgam & Medium Pressure
- Quartz Sleeves/Thimbles
- Ballasts
- UV Sensors, Windows, etc.
- O Rings, Gaskets, UV Lamp Connectors and Misc. Parts



## Service & Upgrade

Could your UV Unit do with some TLC? Contact us for a quote for upgrade or service of any brand of UV unit and we would be glad to help with the help of our network of Sales & Service Partners throughout Australia. ?



Dimensions are approximate and subject to change without notice.

All information contained in this brochure is subject to change without notice and shall not be used to create any liability on the part of Advance UV Systems Pty Ltd. Republication of this brochure is permitted with the consent of Advance UV Systems Pty Ltd.

Technical changes reserved

## Advance UV Systems Pty. Ltd.

Unit 22/17A, Amax Avenue  
Girraween NSW 2145 Australia

Ph: (02) 9896 1165 Fax: (02) 9896 4465

Email: [advance@advanceuv.com.au](mailto:advance@advanceuv.com.au)

Web: [www.advanceuv.com.au](http://www.advanceuv.com.au)



## Blue H<sub>2</sub>O Filtration Pty Ltd

The Filtration Specialists

[www.bhftechnologies.com.au](http://www.bhftechnologies.com.au)

+61 (03) 9564 7029