



- Rainwater Harvesting
- Mineral water plants
- Homes and apartment complexes
- Commercial buildings
- Hospitals
- Hotels



- Beverage plants
- Food processing plants
- Dairies, CIP water
- Wineries
- Hatcheries



- Legionella control
- DM plants
- RO plants (for pre-RO and post-RO)
- Softening plants
- Water filtration plants
- Industrial water treatment plants
- Stormwater disinfection

Advance Ultra-Violet Disinfection Systems

ADV-F Series:

Reliable protection from pathogenic micro-organisms e.g. bacteria, viruses, yeast, algae, spores etc.

Easy to install, use and maintain. Certified to WaterMark Level1



Features & Benefits

- | | | |
|---|---|---|
| <ul style="list-style-type: none"> ✓ High and consistent UV dose ✓ High-performance quartz ultraviolet lamps ✓ Matched electronic ballasts ✓ High % UVT, fused silica quartz sleeves ✓ Horizontal (Vertical possible) installation | <ul style="list-style-type: none"> ✓ Turbulent flow design for uniform UV dose ✓ Compact size ✓ Easy piping ✓ Self-guiding quartz sleeves supports ✓ Easy-to-change UV lamps ✓ Service from one end | <ul style="list-style-type: none"> ✓ Ex-stock spares ✓ Trouble-free, long-life operation ✓ System status indicators ✓ SS316 electro-polished UV chambers ✓ Application support available ✓ Quartz sleeve wiper optional |
|---|---|---|

Wide Choice of Power Supply Boxes:

Different versions available, with wide range of options.

Version: PRO

Available from all ADV-F series models

Includes power on indicator, visible and audible lamp fail alarm, hours run meter, IP65 (IP54 for fan cooled versions).

Dimensions: 300 x 300 x 150 mm, Weight: 5.5 kg



Options: (additional cost)

- ✓ UV intensity monitor & sensor
- ✓ DVGW/ÖNorm certified digital UV intensity sensor
- ✓ Quartz sleeve wiper
- ✓ Spare set of volt free contacts (BMS)
- ✓ Stainless steel enclosure or glass reinforced polyester enclosure
- ✓ Longer lamp leads
- ✓ Chamber thermostat with solenoid valve for over-temperature protection
- ✓ Sampling ports
- ✓ Thermal Relief Valve
- ✓ U configuration (Water fittings on same side of chamber)
- ✓ Thin film design
- ✓ Custom built UV systems for your specific application

ADV-F Series: Sizing

Peak Flows @98%UVT₁₀ and 250J/m² EOL UV dose. Contact us for application specific sizing based on peak flow rate, UV dose requirement and %UVT₁₀ for your particular application.

Advance ADV-F Series UV System	Peak Flow @250J/m ² [m3/hr]	Elect. Power [W]	UV Reactor Dimensions L x W x H [mm]	Service Space [mm]	Connections
ADV-F-30	27	200	1350x340x260	1300	3" (80mm)
ADV-F-35	33	270	1350x340x260	1300	3" (80mm)
ADV-F-50	65	500	1540x340x260	1500	4" (100mm)
ADV-F-60	52	400	1350x340x260	1300	4" (100mm)
ADV-F-70	66	540	1350x340x260	1300	4" (100mm)
ADV-F-90	81	600	1350x340x260	1300	4" (100mm)
ADV-F-105	99	810	1350x340x260	1300	4" (100mm)
ADV-F-120	108	800	1350x340x260	1300	4" (100mm)
ADV-F-100	130	1000	1540x340x260	1500	4" (100mm)
ADV-F-140	132	1080	1350x340x260	1300	4" (100mm)
ADV-F-150	195	1500	1540x440x380	1500	4" (100mm)
ADV-F-200	260	2000	1540x440x380	1500	6" (150mm)

Dimensions are approximate and subject to change without notice.

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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

Web: www.advanceuv.com.au



Blue H₂O Filtration Pty Ltd

The Filtration Specialists

www.bhftechnologies.com.au

+61 (03) 9564 7029