

EP-600 series

Engineered for Guaranteed Bio-Security and Reduced Energy Use



Waterproof Ballast Cupboard

- Easy access for maintenance
- Plug & Play: easy to connect
- Waterproofed for safety

Medium Pressure UV: Better Protection, Fewer Lamps

- Atlantium Medium Pressure high-intensity UV lamps more effective and cost-efficient
- More UV power
- Disables DNA proteins involved in cell repair
- Effective in cold & warm water too



Lower Energy Costs

- Engineered for optimal hydraulics
- UV dose automatically adjusts to real-time UVT and lamp intensity: no wasted energy

Guaranteed Bio-Security: Dedicated Sensor per Lamp

- Lamp intensity sensor for each lamp
- Additional sensor tracks UVT (water clarity)



Real-Time Monitoring

- Automatically adjusts UV dose to changes in real-time conditions
- Displays real-time data and status
- Displays current UV dose in real-time
- Tracks critical operational parameters

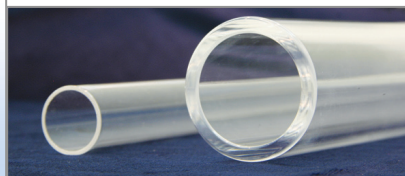


Customized Control

- User-friendly integration
- Option for remote monitoring
- Customized user setting for alarm values
- Touch-screen technology

Lamps Safer, Easier to Handle

- Quick & easy lamp replacement
- Robust lamp protection: thick quartz tubes, 5x thicker than conventional quartz sleeves, to separate the lamp from the water



| Medium Pressure High Intensity UV Systems | EP600-12 | EP600-14 |
|---|--|----------|
| Number of lamps * | 2 | 4 |
| Max Power Consumption (lamp only) | 24 kW | 48 kW |
| Length of lamp (mm/inch) | 867.8/ 34 | |
| Unit Length (mm/inch) ** | 1800/ 70.87 | |
| Unit Weight (kg/lb) | 280 /618 | |
| Unit volume (liter/gallon) | 430 / 114 | |
| Unit chamber width at widest point (mm/inch) | 1032 / 41 | |
| Required service clearance on sides (mm/inch) | 1550 / 61 | |
| Minimum Height above floor (mm/inch) | 750 / 29.5 | |
| Standard pipe connection options | Flange DIN2633 DN600. Standard thickness reduced to 20mm/0.8" | |
| Operating water temperature | 0-60°C / 32-140°F | |
| Maximum ambient temperature | 40°C / 104°F | |
| Maximum Flow Rate | Application dependent | |
| Maximum working pressure | 2 bar / 28 PSI | |
| Disinfection chamber material | Stainless Steel 316L | |
| Housing material | Electro-polished stainless steel 316L | |
| Controller | Integrated, with flat touch screen user interface. Remote monitoring & control optional | |
| Electricity requirements | 400VAC 3 phase | |

* Number of lamps needed depends on application requirements **Flange to flange User to provide a flow signal (flow switch/flow meter)



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