



Atlas UV

Atlas 'L' Range

The **Atlas 'L' range** is designed for reliable disinfection of drinking water and can treat flows from 11.4 l/min (0.7 m³/hr) up to 79 l/min (4.8 m³/hr). These **WRAS Approved** units benefit from axial flow polished stainless steel chambers coupled to a unique and innovative controller featuring a user friendly colour LCD display which gives meaningful user feedback messages.

Why choose Atlas UV?

- Intuitive colour user interface
- Simple plug and play installation
- Upgradeable platform (you can add a UV sensor or other options in the future if your needs change)
- QR codes allow a direct link for service support and spare parts
- Simple twist and turn lamp change
- Superb warranty
- Quality Canadian manufacture with full UK based sales support, spares and backup



| Model | Maximum treatment capacity* |
|-------|-------------------------------------|
| L8 | 8.0 L/min (0.5 m ³ /hr) |
| L12 | 11.4 L/min (0.7 m ³ /hr) |
| L22 | 22.7 L/min (1.4 m ³ /hr) |
| L41 | 41.0 L/min (2.5 m ³ /hr) |
| L57 | 56.8 L/min (3.4 m ³ /hr) |
| L79 | 79.0 L/min (4.8 m ³ /hr) |

* at a UV dosage of 30 mJ/cm² and a transmission (T₁₀) of 95%.

Examples of controller display screens



Home screen



Start-up Check



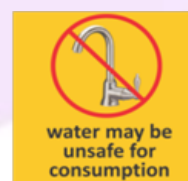
Lamp life remaining



Lamp change warning



Low UV warning screen



Unsafe water screen



QR code screen



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Technical Specifications

| Model | L8 | L12 | L22 | L41 | L57 | L79 |
|---|--|------------------------|------------------------|------------------------|------------------------|------------------------|
| Flow rate @ 30 mJ/cm ² and 95% T ₁₀ | 8.0 lpm | 11.4 lpm | 22.7 lpm | 41 lpm | 56.8 lpm | 79 lpm |
| | 0.5 m ³ /hr | 0.7 m ³ /hr | 1.4 m ³ /hr | 2.5 m ³ /hr | 3.4 m ³ /hr | 4.8 m ³ /hr |
| Connection size | 1/2" NPT* | 1/2" NPT* | 3/4" NPT* | 3/4" NPT* | 1" NPT* | 1" NPT* |
| Lamp Power Watts | 12 | 15 | 22 | 39 | 50 | 42 |
| Unit Power Watts | 17 | 20 | 30 | 49 | 62 | 51 |
| Lamp Life | 9000 hours | | | | | |
| Replacement lamp | RL-8 | RL-12 | RL-22 | RL-41 | RL-57 | RL-79 |
| Replacement Quartz | RQ-8 | RQ-12 | RQ-22 | RQ-41 | RQ-57 | RQ-79 |
| UV Unit Dimensions | 6.4 x 38 cm | 6.4 x 45 cm | 6.4 x 61 cm | 6.4 x 96 cm | 6.4 x 115 cm | 8.9 x 101 cm |
| Controller Dimensions | 171 x 82 x 76 mm | | | | | |
| Power Supply | 90-265V / 50-60 Hz | | | | | |
| Chamber Material | 304 Stainless Steel | | | | | |
| Operating Pressure | Up to 10.3 bar / 150 psi | | | | | |
| Electrical | 90-265 V / 50-60 Hz | | | | | |
| Water temperature | 2-40°C / 36-104°F | | | | | |
| UV Sensor upgrade | No | | Yes | | | |
| Shipping Weight | 3.0Kg | 3.3 Kg | 4.2 Kg | 6.8 Kg | 8.0 Kg | 7.5 Kg |
| Alarm | Audio and Visual for lamp change and/or lamp failure | | | | | |
| * NPT and BSP fittings are sensibly interchangeable upto and including 1" sizes | | | | | | |

Options



UV Sensor Module



Volt Free Contact Module



4-20 mA Module (used with UV sensor)



Solenoid Connection Module

Notes

- UV Chamber mounting brackets are supplied with every UV unit
- Atlas UV units should be installed in dry areas only and should be protected from frost

We accept no responsibility for any errors which may appear in this document and reserve the right to change devices or specifications detailed herein at any time without notice