



Atlas UV

Atlas 'H' Range

The **Atlas 'H' range** is designed for reliable disinfection of drinking water and can treat flows from 38 l/min (2.3 m³/hr) up to 151 l/min (9.1 m³/hr). These **WRAS Approved** compact units benefit from axial flow polished 316L stainless steel UV chambers coupled to a unique and innovative controller featuring a user friendly colour LCD display that provides 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*
H38	38 L/min (2.3 m ³ /hr)
H53	53 L/min (3.2 m ³ /hr)
H95	95 L/min (5.7 m ³ /hr)
H151	151 L/min (9.1 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



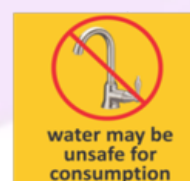
Lamp life remaining



Lamp change warning



Low UV warning screen



Unsafe water screen



QR code screen



Atlas UV

Atlas 'H' Range

Technical Specifications

Model	H38	H53	H95	H151
Flow rate @ 30 mJ/cm ² and 95% T ₁₀	37.9 L/min (2.3 m ³ /hr)	53 L/min (3.2 m ³ /hr)	95 L/min (5.7 m ³ /hr)	151 L/min (9.0 m ³ /hr)
Connection size	3/4" NPT*	1" NPT*	1" NPT*	1 1/2" NPT
Lamp Power Watts	34	45	67	101
Unit Power Watts	36	48	72	108
Lamp Life	10000 hours			
Replacement lamp	RL-H38	RL-H53	RL-H95	RL-H151
Replacement Quartz	RQ-H38	RQ-H53	RQ-H95	RQ-H151
UV Unit Dimensions	8.9 x 46 cm	8.9 x 55 cm	8.9 x 73 cm	8.9 x 108 cm
Controller Dimensions	217 x 107 x 90 mm			
Power Supply	90-265V / 50-60 Hz			
Chamber Material	316L Stainless Steel			
Operating Pressure	Up to 10.3 bar / 150 psi			
Water temperature	2-40°C / 36-104°F			
UV Sensor upgrade	Yes (optional)			
Volt Free Contact upgrade	Yes (optional)			
4 - 20 mA output upgrade	Yes (optional)			
Shipping Weight	5.4 Kg	6.0 Kg	7.2 Kg	9.7 Kg
Alarm	Audio and visual alarms for lamp change and lamp out			

* NPT and BSP fittings are sensibly interchangeable upto and including 1" sizes

Options



UV Sensor Module



Volt Free Contact Module



4-20 mA Module
(use with UV sensor)



Temperature management fan



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

UVO3 Ltd Unit 25 Stephenson Road, St Ives, Cambs. PE27 3WJ

T: 01480 355446

sales@uvo3.co.uk

www.uvo3.co.uk