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**

WRAS APPROVED PRODUCT

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/cm^2 and a transmission (T$_{10}$) 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
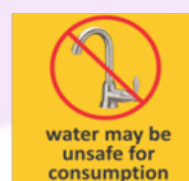
Home screen: Atlas UV www.atlasuv.co.uk
Start-up Check: Start-up Complete System Operational
Lamp life remaining: 375 Days
Lamp change warning: DANGER lamp expired 7 days ago contact Atlas UV at www.atlasuv.co.uk
Low UV warning screen: UV OUTPUT 50% low UV check system
Unsafe water screen: water may be unsafe for consumption
QR code screen: Contact Atlas UV at www.atlasuv.co.uk

Quality UV Disinfection Systems

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 m3/hr)	53 L/min (3.2 m3/hr)	95 L/min (5.7 m3/hr)	151 L/min (9.0 m3/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 42 cm	8.9 x 51 cm	8.9 x 69 cm	8.9 x 104 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