

# CLEAR

POWERED BY ATLANTIUM

RS104

## Pure Performance, Inside & Out

### Inline system

Low footprint, no head-loss, easy to integrate in your design

### Electro-polished stainless steel

High quality materials for long lifespan

### 2 UV sensors + flow sensor

Real-time true UV dose calculation



### Real-time monitoring

Clear monitors the system remotely to ensure performance

### Single-lamp design

Less energy, less waste, less cost

### Powerful medium-pressure lamp

High level of purification even in large buildings

## Superior Purification

**Table 1:** Log Inactivation of Relevant Microbial Risks with Clear UV

Pathogen	Log Inactivation at Target UV dose (120mJ/cm <sup>2</sup> )	Percent Inactivation
<i>E. coli</i>	6	99.9999%
<i>Cryptosporidium</i>	6	99.9999%
<i>Giardia</i>	6	99.9999%
<i>Adenovirus</i>	5	99.999%
<i>Rotavirus</i>	5	99.999%
<i>Legionella</i>	6	99.9999%
<i>H. pylori</i>	6	99.9999%
<i>Faecal coliforms</i>	6	99.9999%
<i>Pseudomonas</i>	6	99.9999%
<i>Salmonella</i>	6	99.9999%
<i>M. avium</i>	6	99.9999%

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Lamps	1
Max Power Consumption ( <b>lamp only</b> )	1 kW
Unit length (mm/inch)	213/8.4
Unit weight (kg/lb)	17/38
Unit volume (liter/gallon)	0.9/0.2
Width at widest point (mm/inch)	405.4/16
Standard pipe connection options	DIN2576 DN150 PIN16 ANSIB 16.5 4" 150 lb
Maximum water temperature	125°C/257°F
Maximum flow rate	Application Dependent
Maximum working pressure	10 bars/145 PSI
Disinfection chamber material	High grade fused silica (quartz)
Housing material	Electro-polished stainless steel 316L
Controller	Integrated, with flat touch screen user interface
Electricity requirements	380/400/440/480VAC 3 phases + ground
Power Supply Enclosure Protection Rating	IP54/IP56