

RZ104 Series

Ultraviolet Technology

The RZ104 Series Hydro-Optic™ UV system features the unique Total Internal Reflection technology that recycles UV light energy, ensures homogenous UV dose distribution and provides superior power (kW) efficiency compared to traditional UV.



RZ104 Series Specifications

Hydro-Optic™ UV System	RZ104-11	RZ104-12
Number of Lamps *	1	2
Max Power Consumption (Lamps Only)	1kW	2 kW
Unit Length (mm/inch) **	1039 / 40.9	1565 / 61.6
Unit Chamber Width at Widest Point (mm/inch)	405 / 16	
Unit Weight (kg/lb)	37 / 82	58 / 28
Unit Volume (liter/gallon)	8.9 / 2.3	13.3 / 3.5
Standard Pipe Connection Options	Flange DIN 2527 DN100 PN16 / Flange ANSI B 16.5 4" 150lb Tri-Clamp FERRULE DIN 32676 DN 100	
Maximum Water Temperature- Lamps On (°C / °F)	60° / 140°	
Maximum Water Temperature- Lamps Off (°C / °F)	125° / 257°	
Maximum Ambient Temperature (°C / °F)	45° / 113°	
Maximum Flow Rate	Application dependent	
Maximum Working Pressure (bar/PSI)	10 / 145	
Disinfection Chamber Material	High grade fused silica (quartz)	
Housing Material	Electro-polished Stainless Steel 316L	
Controller	Integrated with flat touch screen user interface	
Power Supply Enclosure	Ballast Mode	
Enclosure Protection Rating	IP54 / IP56	
Electricity Requirements	200/380/400/440/480/600VAC 3 phases	

Specifications subject to change without notice. User to provide a flow signal (flow switch/flow meter).

* Number of lamps determined by application

**Flange to flange