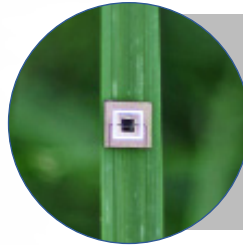


Automate UV Treatment with the Flow of Water



Flow sensor package allows for the full benefits of LEDs with instant on/off and unlimited cycling.



Utilizes small, state of the art UV-C LEDs to provide pathogen reduction¹ without the use of harmful chemicals or mercury-based UV lamps.



Advanced patented design featuring UVinaire® LED module. Easy product integration with continuous monitoring and optional UV PulseCare™.



Full in-house optical, electrical, and mechanical design capabilities. ISO 9001:2015 certified manufacturing facility located in Kentucky, USA.



Features

Mercury Free	Low Power Consumption
Automated Start/Stop	UV PulseCare (optional)
Instantaneous On	Thermal Monitoring
Consistent Performance Across Water Temperature Range	

System Specifications

Specifications provided as a guide. Variations possible based on customer requirements.

Product Name		PearlAqua Micro				
Model Number		3B	6B	9C	12C	
Max Flow ¹ [lpm (gpm)]	UV Dose (mJ/cm ²)	10	1.2 (0.3)	2.0 (0.5)	5.3 (1.4)	8.0 (2.1)
		16	On Request			
		40				
Headloss at Max Flow [mbar (psi)]		160 (2.3)	250 (3.6)	681 (9.9)	1310 (19)	
Inlet/Outlet Water Connection		Inlet: 3/8" Male Push-to-fit		Outlet: 3/8" Stem		
Weight [g (oz)]		146 (5.15)		231 (8.15)		
Max Operating Pressure ² [bar (psi)]		8.3 (120)				
Environmental Protection		IP45 (Standalone PearlAqua Micro - IP64)				
Lamp Life ³ [hours]		60 months @ 2.5 hours/day [5,000 hours]				
Max Ambient Temp [°C (°F)]		45 (113)				
Fluid Temperature [°C (°F)]		0-45 (32-113)				
Input Voltage [V DC]		12				
Input Power ³ [W]		4	6	9	12	

Notes

¹ 3rd party bioassay tested with T1 Phage and MS-2 Phage at 98% UV-T with reference to 254 nm. Not verified or tested by NSF International

² 3rd party tested at 2.4x greater, 19.8 bar (288 psi) at temperature 19 °C (67 °F)

³ Dependent on product configuration and application

Specifications subject to change

Dimensions

