

UV System		UVLX-1800-6
Performance		
3rd Party Validation	USEPA UVDGM (2006)	
Certification	CE Marked	

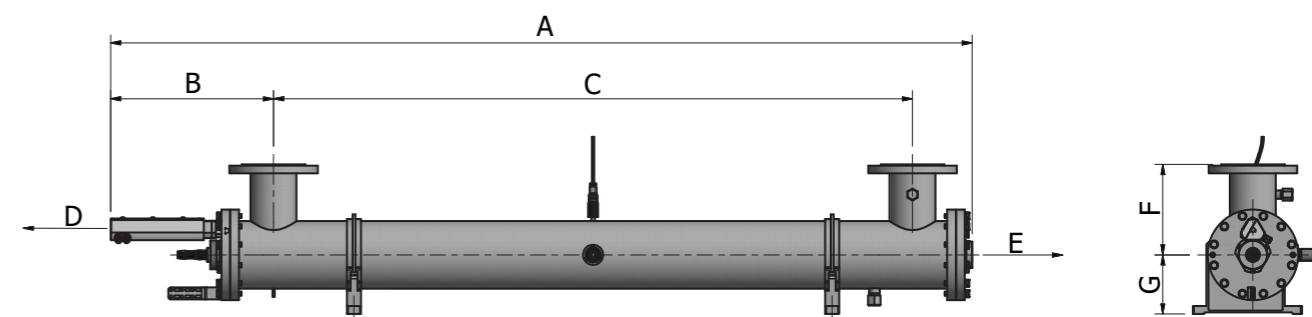
UV lamps and monitoring		
Lamp Power	800 W	
Lamp Number	1	
Lamp Life	16,000 Hours	
Lamp Design	TWISTLOK™ PLUS Connector - Quick Release, Enhanced Safety - 800 Watt High Output Amalgam Low Pressure	
Validated UV Monitoring	Validated UV Monitor - AT-900 (Calibrated) - IP66	
Variable Power	100% Power to 30% Power (Variable Automatic Dose Pacing)	

UV Chamber		
Connection Size (mm/inch)	DN100/4"	
Connection Type	BS4504 PN10 RF Flange	
Design Pressure	10 Barg Design (16 Barg Test)	
Material Construction	316L Stainless Steel	
Internal / External Finish	0.8 µm Ra Internal / Bead Blasted	
Lamp and Wiper Access	Open Access Chamber	
Quartz Type	High Purity Quartz Sleeve	
Mounting	Adjustable PVC Clips	
Wiper System	Automatic Wiper System (Optional)	
Temperature Probe	AT-487 (PT-100) - IP66	
Vent & Drain Ports	Yes	
Ingress Protection	IP66	
Installation	Horizontal	
Chamber Options	Electropolish Upgrade / Super Duplex 25% Chrome Steel / Connection Types	

Spectra II - Local Control Cabinet		
Design	Epoxy Coated Mild steel - IP54 Standard	
Control Type	Microprocessor	
Interface	Soft Touch Push Button with 4 Line Text Display / 7" Touch Screen HMI	
Communication Options	Ethernet / Modbus RTU / Data Stream (other fieldbus options available)	
Lamp Power Supply	800 Watt Electronic Ballast	
Power Consumption	880W	
Mains power	230 V (Other Voltages Available)	
Power Requirements	1 Phase + Neutral + Earth	
Frequency	50 Hz (60 Hz Optional)	
Protection	Door Locked Isolator, MCB Protection	
Operating Temperature	Max Working Ambient +45 °C	
Operational Information	Please See SPECTRA II Data Sheet (Upgrade to Spectra II Touch Optional)	

ATG-UV DISINFECTION SYSTEMS TECHNICAL DATA SHEET

UVLX - 800 WATT AMALGAM SYSTEMS KEY FOOTPRINT DIMENSIONS



For full dimensions please see the specific GA drawing.

UV System		UVLX 1800-06
Chamber dimensions		
A	2144 mm	
B	405 mm	
C	1590 mm	
D	1729 mm	
E	250 mm	
F	225 mm	
G	147 mm	
Dry Weight	64 kg	
Wet Weight	100 kg	

Spectra II - Dimensions		
Width	740 mm	
Height	600 mm	
Depth	250 mm	
Weight	50 kg	
Standard Cable Length	5 m	
Maximum Cable Distance	35 m	