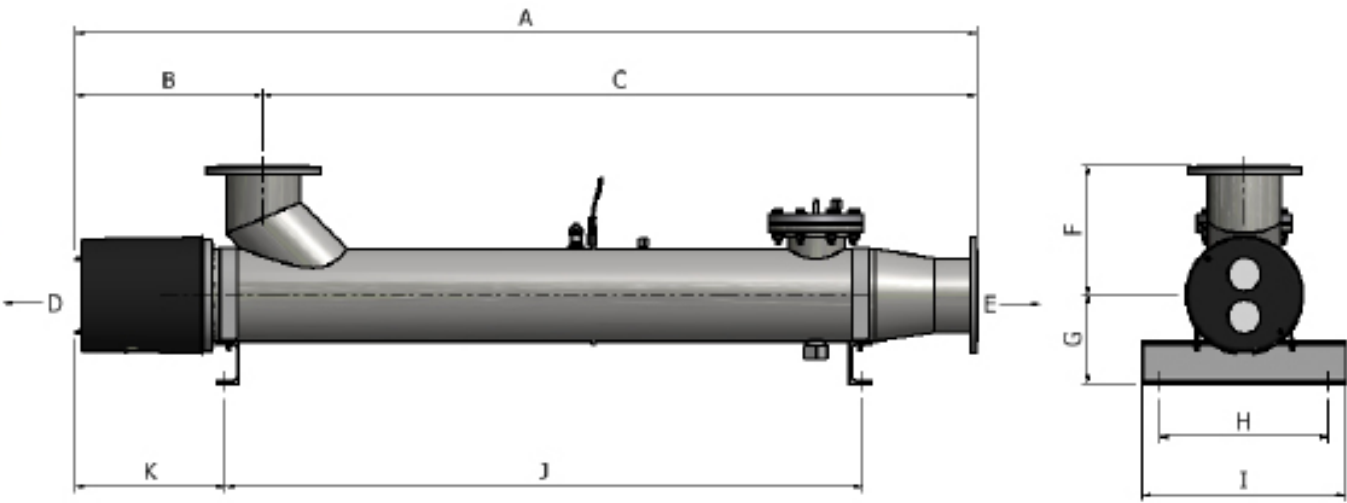


UVLX - 800 WATT AMALGAM SYSTEMS

UV System		UVLX 3800-10	UVLX 6800-14	UVLX 16800-20	UVLX 30800-30
Performance					
3rd Party Validation	USEPA UVDGM (2006)				
Certification	CE Marked				
UV lamps and monitoring					
Lamp Power	800 W	800 W	800 W	800 W	
Lamp Number	3	6	16	30	
Lamp Life	16,000 Hours				
Lamp Design	TWISTLOK™ PLUS quick Release, Enhanced Safety - 800 Watt High Output Amalgam Low Pressure				
Validated UV Monitoring	Validated ÖNORM UV Monitor - AT-900 (Calibrated) - IP66				
Variable Power	100% Power to 30% Power (Variable Automatic Dose Pacing)				
UV Chamber					
Connection Size (mm/inch)	DN200/8"	DN250/10"	DN400/16"	DN600/24"	
Connection Type	BS4504 PN10 RF Flange				
Design Pressure	7 Barg Design (10.5 Barg Test)				
Material Construction	316L Stainless Steel				
Internal / External Finish	0.8 µm Ra Internal / Bead Blasted				
Lamp and Wiper Access	Single Ended Access				
Quartz Type	High Purity Quartz Thimble				
Mounting	Legs				
Wiper System	Automatic Wiper System				
Temperature Probe	AT-487 (PT-100) - IP66				
Vent & Drain Ports	Yes				
Access Hatch	Yes				
Ingress Protection	IP66				
Installation	Horizontal				
Chamber Options	Electropolish Upgrade / Super Duplex 25% Chrome Steel / Connection Types				
Spectra II / Spectra II Touch - 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		7" Touch Screen HMI - Full Colour Display		
Communication Options	Ethernet / Modbus RTU / Data Stream (other fieldbus options available)				
Lamp Power Supply	800 Watt Electronic Ballast				
Power Consumption	2,640 W	5,280 W	14,080 W	26,400 W	
Mains power	230 V (Other Voltages Available)		400 V (Other Voltages Available)		
Power Requirements	1 Phase + Neutral + Earth		3 Phase + Neutral + Earth		
Frequency	50 Hz (60 Hz Optional)				
Protection	Door Locked Isolator, MCB Protection				
Operating Temperature	Max Working Ambient +45 °C				
Operational Information	Spectra II		Spectra II Touch		

KEY FOOTPRINT DIMENSIONS



* For full dimensions please see the specific GA drawing.

UV System	UVLX 3800-10	UVLX 6800-14	UVLX 16800-20	UVLX 30800-30
Chamber dimensions				
A	2587 mm	2796 mm	3079 mm	3092 mm
B	479 mm	586 mm	666 mm	806 mm
C	2108 mm	2210 mm	2413 mm	2286 mm
D	1760 mm	1640 mm	1640 mm	1640 mm
E	N/A	N/A	N/A	N/A
F	381 mm	483 mm	635 mm	889 mm
G	275 mm	350 mm	379 mm	506 mm
H	250 mm	350 mm	700 mm	900 mm
I	300 mm	400 mm	800 mm	1000 mm
J	1750 mm	1725 mm	Adjustable	
K	479 mm	475 mm	479 mm	493 mm
Dry Weight	175 kg	335 kg	460 kg	1145 kg
Wet Weight	285 kg	640 kg	1110 kg	2330 kg
Panel Dimensions				
		Spectra II Dimensions		Spectra II Touch Dimensions
Width	740 mm	940 mm	1400 mm	2000 mm
Height	1000 mm	1400 mm	2000 mm	2000 mm
Depth	340 mm	340 mm	600 mm	600 mm
Weight	85 kg	195 kg	680 kg	950 kg
Standard Cable Length	5 m			
Maximum Cable Distance	35m	35m	35m	35m