

UV SYSTEM	WF-115-3	WF-115-4	WF-125-6	WF-215-6	WF-215-8	WF-225-8	WF-230-10	WF-430-12
Certification	CE Marked, NSF-50							
Approvals	MET UL							

CHAMBER SPECIFICATION								
Lamp Power Range (kW)	0.45 - 1.5	0.45 - 1.5	0.75 - 2.5	0.45 - 1.5	0.45 - 1.5	0.75 - 2.5	0.90 - 3.0	0.9 - 3.0
Lamp Number	1	1	1	2	2	2	2	4
Lamp Life	9,000 Hours							
Lamp Design	TWISTLOK™ PLUS Connector - Quick Release, Enhanced Safety - Medium Pressure							
UV Monitoring	AT-900 - Validated Probe							
Variable Power	100% to 30% Power (Automatic Dose Pacing)							
Connection Size (mm/inch)	DN 80/3"	DN 100/4"	DN 150/6"	DN 150/6"	DN 200/8"	DN 200/8"	DN 250/10"	DN 300/12"
Connection Type	BS4504 PN10 RF Flange							
Design Pressure	10 Barg Design (15 Barge Test)							
Material Construction	316L Stainless Steel							
Internal / External Finish	Electropolished							
Internal Surface Finish	3.2 Ra							
Lamp and Wiper Access	Single Ended Access							
Mounting	Fixed Brackets							
Wiper System	Automatic Wiper System							
Temperature Probe	AT-487 (PT-100)							
Vent & Drain Ports	Yes							
Ingress Protection	IP 55							
Installation	Horizontal or Vertical (Lamps Must be Horizontal)							

PANEL SPECIFICATION								
Design	Epoxy Coated Mild Steel - RAL 7035							
Control Type	Microprocessor							
Ingress Protection	IP54							
Ventilation	Forced Air Cooled (Fan)							
Interface	Spectra Membrane							
Communication	Modbus (RS-422 / RS-485)							
Number of Ballasts	1					2		4
Power Consumption	1650 W	1650 W	2750 W	3300 W		5500 W	6600 W	13200 W
1Ph 208V	x	x	x	x	x	x		
1Ph 220V	x	x	x	x	x	x		
1Ph 230V	x	x	x	x	x	x		
1Ph 240V	x	x	x	x	x	x		
3Ph 380V							x	x
3Ph 400V							x	x
3Ph 415V							x	x
3Ph 480V							x	x
Frequency	50 Hz / 60Hz							
Protection	Door Locked MCCB Isolator							
Operation Temperature	Max Working Ambient +45°C							
Digital Inputs	Remote Start/Step +2 x Selectable Inputs (Boost / Low Power / Process Interlock)							
Digital Outputs	2 x Selectable Outputs							
Analogue Inputs	1 x Selectable Input (Flow Rate / UVT)							
Analogue Outputs	1 x Selectable Output (Intensity / Dose)							

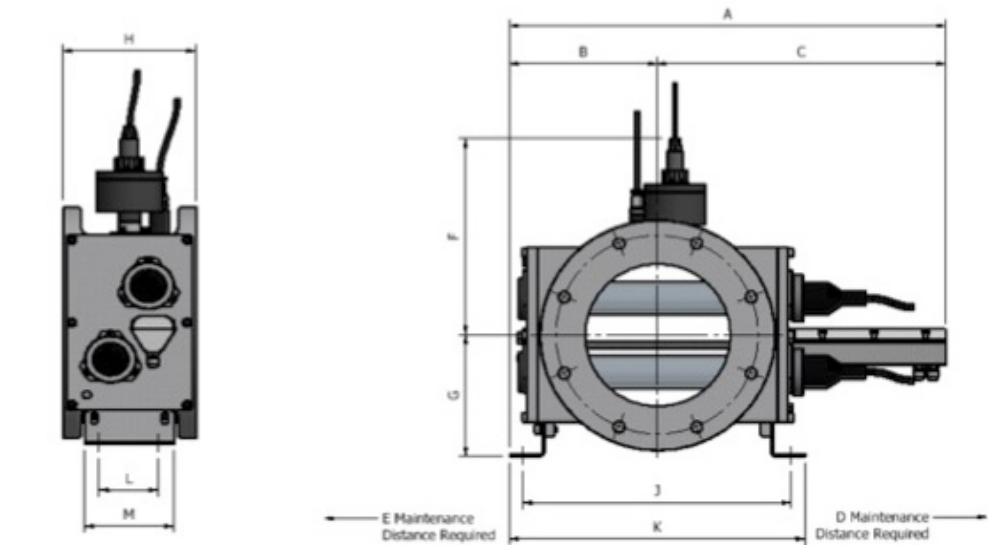
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ULTRAVIOLET DISINFECTION SYSTEMS

TECHNICAL DATA SHEET

WAFER™ 1-4 LAMP MEDIUM PRESSURE UV SYSTEMS

KEY FOOTPRINT DIMENSIONS



UV SYSTEM	WF-115-3	WF115-4	WF-125-6	WF-215-6	WF-215-8	WF-225-8	WF-230-10	WF-430-12
Chamber Dimensions								
A (mm)	520	520	635	635	635	635	795	795
B (mm)	158	158	215	215	215	215	305	305
C (mm)	362	362	420	420	420	420	490	490
D (mm)	370	370	485	485	485	485	625	625
E (mm)	250	250	250	250	250	250	250	250
F (mm)	232	232	292	292	292	292	321	346
G (mm)	122	122	180	180	180	180	233	258
H (mm)	160	160	180	180	180	180	190	190
J (mm)	275	275	390	390	390	390	560	560
K (mm)	315	315	430	430	430	430	610	610
L (mm)	80	80	80	80	80	80	140	140
M (mm)	120	120	120	120	120	120	180	180
Dry Weight (kg)	27	26	57	58	53	53	78	88
Wet Weight (kg)	30	28	67	68	64	64	99	112

CONTROL PANEL								
Width (mm)	500	500	600	600	600	600	600	600
Height (mm)	500	500	800	800	800	800	800	1200
Depth (mm)	250	250	300	300	300	300	300	300
Weight (kg)	30	30	50	50	50	55	55	<75
Standard Cable (m)	10							
Max Cable Length* (m)	28	28	28	14	14	28	28	28

*It may be possible to extend the cable length beyond the figures given, if this is required please contact us for details