

VX Midi UV System

EMEA/ APAC

Certification/Approvals: UL, CE Marked

Common Option Features

Features	Standard Chamber Specification	Options
Lamp Life	12,000 hours (340w lamps) 16,000 hours (200w lamps)	
Lamp design	TWISTLOK™ Quick Release, Enhanced Safety	
Lamp and Wiper Access	Single Ended Access (Excl VX-1200-4 + VX-1340-4)	
Design Pressure	10 Barg Design (15 Barg Test)	
Number of Sensors	1 UV Monitor Package Incl NIST UV Monitor	
Variable Power	100% to 60% Power (Automatic Dose Pacing)	
Connection Type	EN 1092	AS 4087, DIN 32676, ASME BPE (excluding VX-8200-10 + VX-8340-10)
Material Construction	316L Stainless Steel	
Internal / External Finish	0.8 Ra	0.4 Ra
Internal / External Surface Treatment	Machine Polish	Electropolish
Quartz Type	High Purity Quartz Sleeves	
Installation/Mounting	Adjustable Inlet/Outlet Orientation Suitable for Vertical Mounting excl VX-0340-00	
Wiper System	Not as standard	Automatic Wiper System
Temperature Probe	1 Temperature Monitor Package	
Vent Port	Yes	
Drain Port	Yes	
Seals	EPDM	FDA Viton

Common Option Features (continued)

Features	Standard Control Panel Specification	Options
Material	Epoxy Coated Mild steel - RAL 7035	Stainless Steel (304)
Control Type	Microprocessor	
Power supply	Electronic Ballast	
Ingress Protection	IP54	IP56
Ventilation	Forced Air cooled (Fan)	
Interface	Spectra Membrane	Spectra Touch
Communication	Modbus (RS-422 / RS-485)	Profibus DP
Protection	Door Locked MCCB Isolator	
Operating Temperature	Max Working Ambient +40°C	
Digital Inputs	3 selectable	Additional 3
Digital Outputs	3 selectable	Additional 3
Analogue Inputs	1 selectable	Additional 1
Analogue Outputs	1 selectable	Additional 1
Voltage	200-240V (50/60 Hz)	
Cable Length	10m	15m, 30m

Unique Features

UV System	VX-1200-4	VX-2200-6	VX-4200-8	VX-8200-10	VX-1340-4	VX-2340-6	VX-4340-8	VX-8340-10
Number of Lamps	1	2	4	8	1	2	4	8
Connection Size (mm/inch)	DN 50/2"	DN 75/3"	DN 150/6"	DN 200/8"	DN 75/3"	DN 100/4"	DN 150/6"	DN 200/8"
Power Consumption (W)	230	460	920	1840	375	750	1500	3000
200 - 240v 50/60hz	Standard	Standard	Standard	Standard	Standard	Standard	Standard	Standard



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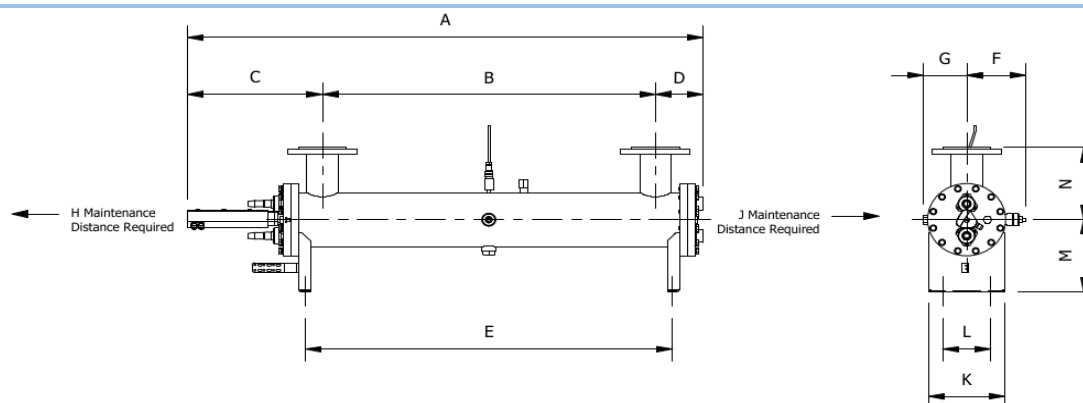
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Dimensions



* Wiper motor fitted on opposite end.
For full dimensions please see specific GA drawing

UV System	VX-1200-4-2*	VX-2200-6-3	VX-4200-8-6	VX-8200-10-8	VX-1340-4-3*	VX-2340-6-4	VX-4340-8-6	VX-8340-10-8
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Chamber Dimensions

A (mm / inches)	1563 / 61.5	1487 / 58.5	1487 / 58.5	1487 / 58.5	1986 / 78.2	1910 / 75.2	1910 / 75.2	1910 / 75.2
B (mm / inches)	1000 / 39.4	960 / 37.8	870 / 34.3	810 / 31.9	1390 / 54.7	1360 / 53.5	1240 / 48.8	1300 / 51.2
C (mm / inches)	194 / 7.6	389 / 15.3	434 / 17.1	464 / 18.3	210 / 8.3	401 / 15.8	461 / 18.1	431 / 16.9
D (mm / inches)	369 / 14.5	214 / 8.4	259 / 10.2	289 / 11.4	386 / 15.2	225 / 8.9	285 / 11.2	255 / 10.1
E (mm / inches)	1066 / 42	1058 / 41.7	1050 / 41.3	1042 / 41	1489 / 58.6	1481 / 58.3	1465 / 57.7	1473 / 58
F (mm / inches)	137 / 5.4	170 / 6.7	195 / 7.7	220 / 8.7	137 / 5.4	171 / 6.7	220 / 8.7	196 / 7.7
G (mm / inches)	99 / 3.9	126 / 4.9	151 / 5.9	177 / 7	99 / 3.9	126 / 4.9	177 / 7	151 / 5.9
H (mm / inches)	1297 / 51.1	1297 / 51.1	1297 / 51.1	1297 / 51.1	1720 / 67.7	1720 / 67.7	1720 / 67.7	1720 / 67.7
J (mm / inches)	250 / 9.8	250 / 9.8	250 / 9.8	250 / 9.8	250 / 9.8	250 / 9.8	250 / 9.8	250 / 9.8
K (mm / inches)	170 / 6.7	220 / 8.7	270 / 10.6	320 / 12.6	170 / 6.7	220 / 8.7	320 / 12.6	270 / 10.6
L (mm / inches)	120 / 4.7	140 / 5.5	180 / 7.1	220 / 8.7	120 / 4.7	140 / 5.5	220 / 8.7	180 / 7.1
M (mm / inches)	155 / 6.1	185 / 7.3	220 / 8.7	245 / 9.6	155 / 6.1	185 / 7.3	245 / 9.6	220 / 8.7
N (mm / inches)	175 / 6.9	225 / 8.9	250 / 9.8	275 / 10.8	175 / 6.9	225 / 8.9	250 / 9.8	275 / 10.8

Panel

Standard Enclosure								
H mm	500	500	600	600	500	500	600	600
W mm	500	500	600	600	500	500	600	600
D mm	250	250	300	300	250	250	300	300
SS/IP56 Enclosure								
H mm	500	500	600	600	500	500	600	600
W mm	500	500	600	600	500	500	600	600
D mm	210	210	300	300	210	210	300	300



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