

EMEA/ APAC

Certification/Approvals CE Marked, NSF 50 - 3 Log Crypto, NSF61, NVI, USEPA DGM

Common Option Features

Features	Standard Chamber Specification	Options
Lamp Life	9,000 Hours	
Lamp design	TWISTLOK™ Quick Release, Enhanced Safety - Medium Pressure	
Lamp and Wiper Access	Single Ended Access	
Design Pressure	10 Barg Design (15 Barg Test)	16 Bar (All models excluding SX-1873-30)
Number of Sensors	1-off per 2 lamps (except SX-1250 which has 1 per 3 lamps)	
UV Intensity Monitoring	Validated ONORM UV Monitor - AT-900 (Calibrated)	
Variable Power	100% to 30% Power (Automatic Dose Pacing)	
Connection Type	PN10 Flanged (EN1092-1-BS4504)	PN16 Flanged (EN1092-1-BS4504), ANSI 150, AS 4087 (PN16), JIS B2220 - 10K (Triclamp connections for SX-115-4 & SX-215-6)
Generator Material	316L Stainless Steel	Superduplex (25Cr) Stainless Steel
Internal Surface Finish	0.8 Ra	0.4 Ra (SX-115-4, SX-215-6, SX-225-8 & SX-425-10)
Quartz Type	High Purity Quartz Sleeves	TiO2 Doped quartz
Mounting	Fixed Brackets	
Cleaning system	Automatic Wiper System (SX-635-15, SX-850-20, SX-1250-20 & SX-1873-30)	
Temperature Probe	AT-487 (PT-100)	
Vent Port	Included	
Drain Port	Included	
Ingress Protection (UV Chamber)	IP55	
Installation	Horizontal or Vertical (Lamps must be Horizontal)	

Common Option Features (continued)

Features	Standard Control Panel Specification	Options
Material	Epoxy Coated Mild steel - RAL 7035	Stainless Steel (304)
Control Type	Spectra 3 Microprocessor	
Lamp Driver	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 Isolator	
Operating Temperature	Max Working Ambient +45°C	
Digital Inputs	3-off selectable	Additional 3-off selectable
Digital Outputs	3-off selectable	Additional 3-off selectable
Analogue Inputs	1-off selectable	Additional 1-off selectable
Analogue Outputs	1-off selectable	Additional 1-off selectable

Unique Features

UV System	SX-115-4	SX-215-6	SX-225-8	SX-425-10	SX-635-16	SX-850-20	SX-1250-20	SX-1873-30
Number of Lamps	1	2	2	4	6	8	12	18
Connection Size (mm/inch)	DN 100/4"	DN 150/6"	DN 200/8"	DN 250/10"	DN 400/16"	DN 500/20"	DN 500/20"	DN 800/30"
*Power Consumption (Variable)	0.5 - 1.6 kW	1.0 - 3.3 kW	1.7 - 5.5 kW	3.3 - 11kW	7 - 23kW	13 - 44 kW	20 - 66kW	44 - 144kW
200v - 50/60hz	Standard	Standard						
208 - 240v 50/60hz	Standard	Standard						
380v - 480v 50/60hz	Option	Option	Standard	Standard	Standard	Standard	Standard	Standard

Cable length

10 metres / 30'	Standard	Standard	Standard	Standard	Standard	Standard	Standard	Standard
15 metres / 45'	Option	Option	Option	Option	Option	Option	Option	Option
30 metres / 90'	Option	Requires local JB	Option	Option	Requires local JB	Requires local JB	Requires local JB	Option

*Based on 30% - 100% power



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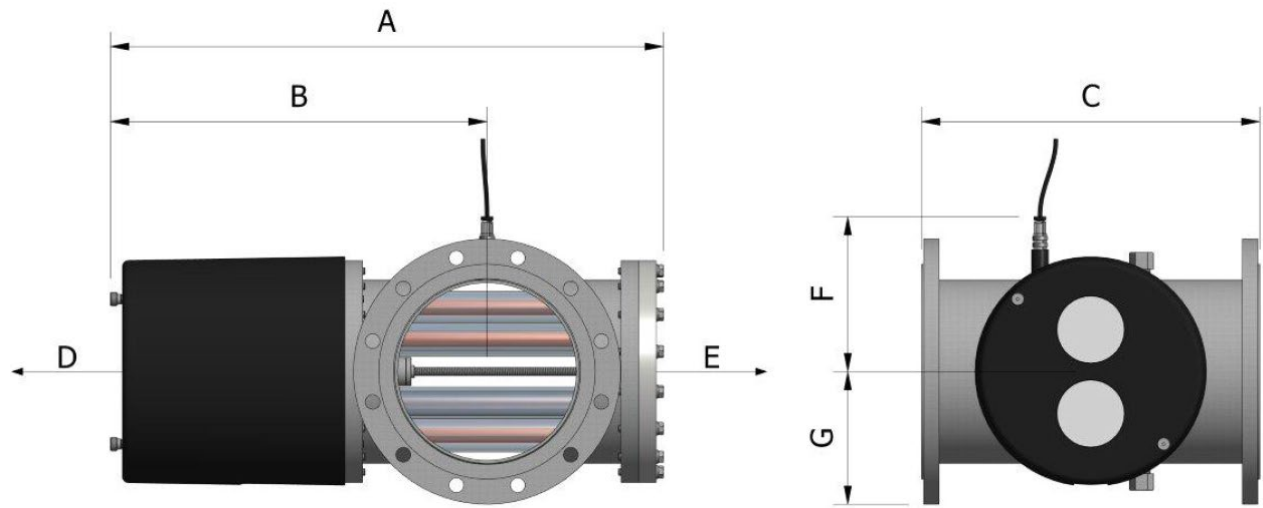
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Dimensions



UV System	SX-115-4	SX-215-6	SX-225-8	SX-425-10	SX-635-16	SX-850-20	SX-1250-20	SX-1873-30
Chamber Dimensions								
A (mm / inches)	678 / 26.4	678 / 26.4	816 / 31.8	816 / 31.8	925 / 36.1	1078 / 42.0	1078 / 42.0	1545 / 60.3
B (mm / inches)	422 / 16.5	422 / 16.5	555 / 21.6	555 / 21.6	614 / 23.9	694 / 27.1	694 / 27.1	900 / 35.1
C (mm / inches)	400 / 15.6	400 / 15.6	400 / 15.6	500 / 19.5	600 / 23.4	800 / 31.2	800 / 31.2	1340 / 52.3
D (mm / inches)	300 / 11.7	300 / 11.7	350 / 13.7	350 / 13.7	400 / 15.6	550 / 21.5	550 / 21.5	800 / 31.2
E (mm / inches)	250 / 9.8	250 / 9.8	250 / 9.8	250 / 9.8	250 / 9.8	250 / 9.8	250 / 9.8	-
F (mm / inches)	178 / 6.9	178 / 6.9	204 / 8.0	230 / 9.0	297 / 11.6	348 / 13.6	348 / 13.6	595 / 23.2
G (mm / inches)	125 / 4.9	143 / 5.6	170 / 6.6	198 / 7.7	283 / 11.0	335 / 13.1	335 / 13.1	508 / 19.8
Dry Weight (kg / lbs)	41 / 90	59 / 130	71 / 157	98 / 216	210 / 463	391 / 862	391 / 862	905 / 1995
Wet Weight (kg / lbs)	51 / 112	61 / 134	93 / 205	132 / 291	292 / 644	568 / 1252	568 / 1252	1605 / 3538
Spectra - Dimensions								
Width (mm / inches)	500 / 20	600 / 23	600 / 23	600 / 23	740 / 29	740 / 29	1000 / 39	2000 / 78
Height (mm / inches)	500 / 20	800 / 31	800 / 31	1200 / 47	1300 / 51	1600 / 62	2000 / 78	2000 / 78
Depth (mm / inches)	250 / 10	300 / 12	300 / 12	300 / 12	660 / 26	660 / 26	650 / 25	650 / 25
Weight (kg / lbs)	30 / 66	50 / 110	55 / 121	90 / 198	155 / 342	200 / 441	380 / 838	840 / 165



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