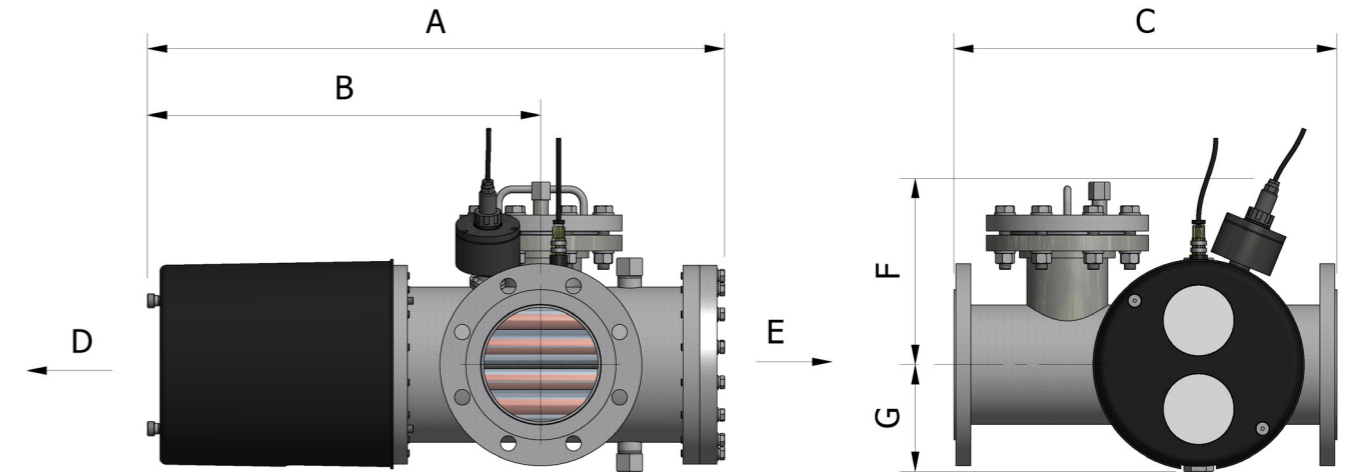


## SW - MEDIUM PRESSURE SYSTEMS

UV System	SW-213-4	SW-225-6	SW-425-6	SW-625-8	SW-635-14	SW-835-14	SW-1235-14	SW-1850-20
<b>Performance</b>								
Certification	CE Marked							
UV Dose Range	Minimum Wall Dose / Average UV Dose							
<b>UV lamps and monitoring</b>								
Lamp Power	1.3 kW	2.5 kW	2.5 kW	2.5 kW	3.5 kW	3.5 kW	3.5 kW	5.0 kW
Lamp Number	2	2	4	6	6	8	12	18
Lamp Life	9,000 Hours							
Lamp Design	TWISTLOK™ Quick Release, Enhanced Safety - Medium Pressure							
UV Monitoring	AT-463 (4-20 mA) IP66							
Variable Power	100% Power To 50% Power (Variable Automatic Dose Pacing)							
<b>UV Chamber</b>								
Connection Size (mm/inch)	DN 100/4"	DN150/6"	DN150/6"	DN200/8"	DN350/14"	DN350/14"	DN350/14"	DN500/20"
Connection Type	BS4504 PN10 RF Flange							
Design Pressure	10 Barg Design (15 Barg Test)							
Material Construction	316L Stainless Steel							
Internal / External Finish	1.6 µm Ra / 1.6 µm Ra							
Lamp and Wiper Access	Single Sided Access							
Quartz Type	High Purity Quartz Thimble							
Mounting	Feet (Optional)							
Wiper System	Automatic Wiper System (Optional)							
Temperature Probe	AT-487 (PT-100) - IP66							
Vent & Drain Ports	Yes							
Ingress Protection	IP66							
Installation	Horizontal or Vertical							
Access Hatch	Chamber Mounted Access Hatch (Optional)							
Chamber Options	0.4 µm and 0.8 µm Ra Internal Polish Upgrade / Electropolish Upgrade / Super Duplex 25% Chrome Steel / Connection Types							

<b>Spectra II - Local Control Cabinet</b>								
Design	Epoxy Coated Mild Steel - IP54 Standard							
Control Type	Microprocessor							
Interface	Soft Touch Push Button With Text Display / 7" Touch Screen HMI - Full Colour Display (Optional)							
Communication Options	Modbus / Data Stream (other fieldbus options available)							
Lamp Power Supply	Choke				Electronic Ballast			
Power Consumption	2,860 W	5,500 W	11,000 W	16,500 W	23,100 W	30,800 W	46,200 W	99,000 W
Mains Power	230 V	400 V ( Other Voltages Available)						
Power Requirements	1 Ph + N + E	3 Ph + N + E						
Frequency	50 Hz (60 Hz Optional)							
Protection	Door locked isolator , MCB & Earth Leakage Protection							
Operating Temperature	Max Working Ambient +45 °C							
Operational Information	Please see SPECTRA II datasheet for further information & upgrade options							

## KEY FOOTPRINT DIMENSIONS



Please note that the hatch is optional

For full dimensions please see the specific GA drawing.

UV System	SW-213-4	SW-225-6	SW-425-6	SW-625-8	SW-635-14	SW-835-14	SW-1235-14	SW-1850-20
<b>Chamber Dimensions</b>								
A	715 mm	816 mm	816 mm	818 mm	927 mm	927 mm	927 mm	1080 mm
B	505 mm	557 mm	557 mm	557 mm	616 mm	616 mm	616 mm	696 mm
C	420 mm	540 mm	540 mm	600 mm	750 mm	750 mm	750 mm	900 mm
D	350 mm	350 mm	350 mm	350 mm	350 mm	350 mm	350 mm	450 mm
E	250 mm	250 mm	250 mm	250 mm	250 mm	250 mm	250 mm	250 mm
F	283 mm	283 mm	283 mm	300 mm	340 mm	342 mm	344 mm	454 mm
G	151 mm	151 mm	151 mm	177 mm	253 mm	253 mm	253 mm	335 mm
Dry weight	58 kg	85 kg	83 kg	107 kg	210 kg	203 kg	208 kg	387 kg
Wet weight	70 kg	106 kg	103 kg	140 kg	290 kg	290 kg	290 kg	579 kg

<b>Spectra II - Dimensions</b>								
Width	740 mm	740 mm	940 mm	1200 mm	740 mm	1000 mm	2000 mm	2000 mm
Height	1000 mm	1000 mm	1400 mm	1200 mm	1300 mm	2000 mm	2000 mm	2000 mm
Depth	340 mm	340 mm	340 mm	400 mm	660 mm	550 mm	550 mm	550 mm
Weight	110 kg	110 kg	250 kg	350 kg	155 kg	180 kg	420 kg	840 kg
Standard Cable Length	5 metres							
Maximum Cable Distance	Other Cable Lengths Available On Request							