



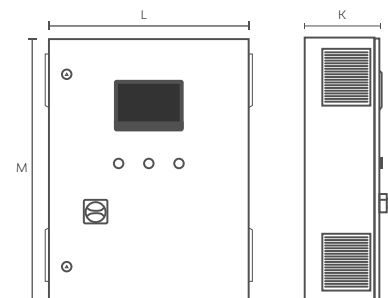
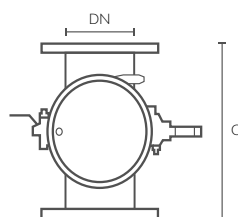
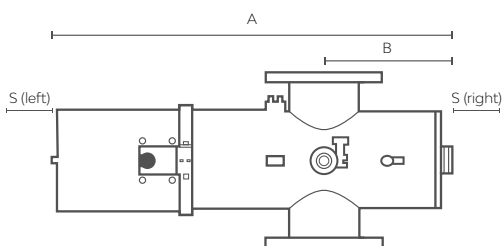
UVShield UV Pool Treatment

Engineered for Performance. Designed for Simplicity.

UVShield is engineered for economical, low-maintenance performance, combining power-saving efficiency with a compact, flexible design that installs easily in even the tightest plant rooms.

Built-in safety features and fully integrated design and manufacturing ensure reliable operation, a secure supply chain and minimal downtime, delivering consistent protection and a better experience for every user.

Dimensions (mm)	S2-101	S3-101	S4-151	S6-201	S6-301	S8-301	S8-202	S10-302	S12-303	S14-303
Chamber										
A	590	590	720	720	910	910	780	955	955	955
B	183	183	242	242	297	297	242	300	300	295
C	370	380	380	380	440	440	440	520	520	545
DN	50	80	100	150	150	200	200	250	300	350
IO Connection (inches)	2	3	4	6	6	8	8	10	12	14
S (left / right)	200 / 300	200 / 300	300 / 300	300 / 300	350 / 300	350 / 300	350 / 300	350 / 300	350 / 300	350 / 300
Cabinet (fan cooled)										
K	300	300	300	300	300	300	320	320	320	320
L	570	570	570	570	570	570	670	670	700	700
M	750	750	750	750	750	750	960	960	1100	1100
Approx. Weight (kg)										
Chamber (standard / in operation)	26.5 / 33.5	28.5 / 36.2	32 / 43.2	39 / 52.8	50 / 74.7	57 / 85	61 / 84.5	101 / 145	118 / 167	120 / 172.5
Cabinet (fan cooled)	55						86		110	





Scan to discover how **UVShield** keeps your aquatic venue clean, clear, and safe for everyone.

UVShield Model	S2-101	S3-101	S4-151	S6-201	S6-301	S8-301	S8-202	S10-302	S12-303	S14-303	
Secondary Disinfection (Flow m ³ /hr)	21.6	35.3	72	132.4	162	198.6	329	507	773.5	852	
Supplemental Disinfection (Flow m ³ /hr)	22.9	45.4	87.5	170	199	259	345.2	544.6	773.5	935.3	
Chloramine Reduction (Flow m ³ /hr)	22.9	50.6	87.5	173.2	199.0	287.0	345.2	544.6	773.5	935.3	
Lamps and Monitoring											
No. of Lamps	1	1	1	1	1	1	2	2	3	3	
Lamp Power (kW)	1	1	1.5	2.2	3.2	3.2	4.4	6.4	9.6	9.6	
Lamp Design	Medium Pressure										
Lamp Life	9000 hours										
Max Dimming (% of max power)	70%	70%	50%	50%	50%	50%	50%	50%	50%	50%	
UV Chamber											
IO Connection (inches)	2	3	4	6	6	8	8	10	12	14	
Connection Type	Flange EN 1092-1 PN10,										
Chamber Material	316L stainless steel										
Internal Finish	<=0.8um										
IP Rating	IP55										
Working Fluid Temperature	5 to 45oC										
Maximum Operating Pressure	6 bar										
UV Monitor	Dry Sensor										
Temperature Sensor	Yes										
Vent Port	1/4" BSPT socket										
Drain Port	1/4" BSPT socket										
Sacrificial Anode	Included										
Wiper	Included										
Strainer	Included										
Seals	EPDM										
Installation	Horizontal or vertical (lamps must be Horizontal)										
Chamber Dimensions (mm) (A x B x C)	590 x 183 x 370	590 x 183 x 380	720 x 242 x 380		910 x 297 x 440		780 x 242 x 440	955 x 300 x 520		955 x 295 x 545	
Chamber Weight (kg) (Standard / In Operation)	26.5 / 33.5	28.5 / 36.2	32 / 43.2	39 / 52.8	50 / 74.7	57 / 85	61 / 84.5	101 / 145	118 / 167	120 / 172.5	
Cabinet											
Cabinet Material	Coated carbon steel, RAL 7035										
IP Rating	IP54										
Power Supply All Voltages +/-10%	208V 2L 220V 1L+N 230V 1L+N 240V 1L+N 277V 1L+N					208V 3L 380V 3L+N 400V 3L+N 415V 3L+N 480V 3L+N		380V 3L+N 400V 3L+N 415V 3L+N 480V 3L+N			
Dimensions (mm) (K x L x M)	300 x 570 x 750					320 x 670 x 960			320 x 700 x 1100		
Operating Temperature	5 to 45oC										
Relative Humidity	90% non-condensing										
Ventilation	Forced air (fans)										
Variable Power	Yes										
Cable Length (m)	Standard 3m cable with ability to shorten on site (optional 10m cable kit on request)										
Controls Display	7" touch screen										
I/Os (VFC)	Remote On/Off, Remote Reset, Any Warning, Any Alarm, Water leakage in Quartz, Lamp Connector Removed, Low UV dose, ELCB, Low Power Mode										
I/Os (4-20mA)	UV Dose Output, UVT Input, Flow Input										
Alarm & Warning	Touch screen dose display, audible alarm and red, yellow and green LED indicator										
Safety	Door Interlock, Water leakage detection, Lamp position switch, ELCB, High Temp alarm										
Certifications											
Approvals	CE, UKCA										