

SPECTRUM

Powerful, eco-friendly and cost-effective sanitation for large scale, high-use commercial pools. Reduce chemical disinfectants and promote water clarity, swimmer health and environmental sustainability.



FEATURES

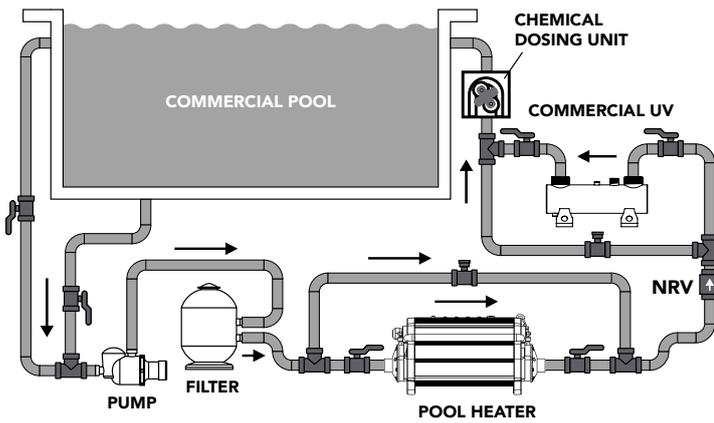
- **Standard** - LED indicator and lamp life counter
- **Classic** - 7" touch screen display with UV intensity monitor
- **Pro** - 7" touch screen display with dosage rate monitor
- Optimised design using Computational Fluid Dynamics (CFD) analysis
- Quick Fit Connection (QFC) - lamp installation and replacement in seconds
- Stainless Steel 316L / Titanium* chamber for maximum corrosion resistance
- Wi-Fi and cloud connectivity (Classic & Pro)
- Sea** and salt chlorinated water compatible
- Temperature#, flow sensor and pump interlock
- UV intensity port (Classic & Pro)
- Low pressure amalgam lamps with 16,000 hours lamp life expectancy
- 6 bar pressure tolerance
- Plug & Play controller with advanced monitoring / notifications
- Easy integration to existing systems via RS485

* Titanium chamber available on request. ** Compatible with Titanium chamber only.
Not included with Standard model.

MODELS

PRODUCT CODE			LAMP OUTPUT (W)	NO. OF LAMPS	TOTAL POWER (W)	REACTOR SIZE			INLET / OUTLET PORT
STANDARD	CLASSIC	PRO				LENGTH A (mm)	WIDTH B (mm)	VOLUME (Ltr)	
SP-S-57-102	SP-C-57-102	SP-P-57-102	57	1	70	358	102	2.7	1.5"/50mm & 2"/63mm
SP-S-150-102	SP-C-150-102	SP-P-150-102	150	1	170	990	102	7.4	1.5"/50mm & 2"/63mm
SP-S-200-102	SP-C-200-102	SP-P-200-102	207	1	230	990	102	7.4	1.5"/50mm & 2"/63mm
SP-S-150-170	SP-C-150-170	SP-P-150-170	150	1	150	990	170	21.8	2.5" & 75mm
SP-S-200-170	SP-C-200-170	SP-P-200-170	200	1	230	990	170	21.8	2.5" & 75mm
SP-S-300-170	SP-C-300-170	SP-P-300-170	150	2	350	990	170	21.1	DN80
SP-S-400-170	SP-C-400-170	SP-P-400-170	200	2	460	990	170	21.1	DN80
SP-S-450-212	SP-C-450-212	SP-P-450-212	150	3	510	990	212	32.8	DN125
SP-S-620-212	SP-C-620-212	SP-P-620-212	200	3	660	990	212	32.8	DN125
SP-S-600-260	SP-C-600-260	SP-P-600-260	150	4	680	990	260	49.7	DN150
SP-S-800-260	SP-C-800-260	SP-P-800-260	200	4	880	990	260	49.7	DN150
SP-S-960-310	SP-C-960-310	SP-P-960-310	320	3	1050	1539	310	112.8	DN250
SP-S-1600-310	SP-C-1600-310	SP-P-1600-310	320	5	1720	1539	310	110.7	DN250
SP-S-2240-310	SP-C-2240-310	SP-P-2240-310	320	7	2450	1539	310	108.5	DN250

SYSTEM SETUP



SPECIFICATIONS

- Power supply:** Single Phase 220 ~ 240V
- Flow rate:** Up to 590m³/h
- Power consumption:** 70 - 2450W
- Lamp:** Low pressure Amalgam lamps
- Lamp life:** Up to 16,000 hours
- Dosing rate:** 30mj/cm², 40mj/cm² and 60mj/cm² at rated flow rate
- IP rating:** IP44
- Frequency:** 50/60 Hz
- Working pressure:** 6 Bar maximum
- Water connections:** See table below
- Salt water:** 100% chlorinated salt and sea water safe
- Mounting:** Horizontal wall/floor mounting dependant on model size

PERFORMANCE

PRODUCT CODE			REACTOR SIZE			FLOW RATE m ³ /h (AVERAGE IRRADIANCE)		
			LENGTH	WIDTH	VOLUME	30mj/cm ²	40mj/cm ²	60mj/cm ²
STANDARD	CLASSIC	PRO	A (mm)	B (mm)	(Ltr)			
SP-S-57-102	SP-C-57-102	SP-P-57-102	358	102	2.7	5.7	4.2	2.8
SP-S-150-102	SP-C-150-102	SP-P-150-102	990	102	7.4	20	14	9
SP-S-200-102	SP-C-200-102	SP-P-200-102	990	102	7.4	25	18	12
SP-S-150-170	SP-C-150-170	SP-P-150-170	990	170	21.8	34.5	26	17
SP-S-200-170	SP-C-200-170	SP-P-200-170	990	170	21.8	43	32	21.5
SP-S-300-170	SP-C-300-170	SP-P-300-170	990	170	21.1	62	46	31
SP-S-400-170	SP-C-400-170	SP-P-400-170	990	170	21.1	77	58	38.5
SP-S-450-212	SP-C-450-212	SP-P-450-212	990	212	32.8	112	83	55
SP-S-620-212	SP-C-620-212	SP-P-620-212	990	212	32.8	133	102	68
SP-S-600-260	SP-C-600-260	SP-P-600-260	990	260	49.7	170	127	85
SP-S-800-260	SP-C-800-260	SP-P-800-260	990	260	49.7	212	159	106
SP-S-960-310	SP-C-960-310	SP-P-960-310	1539	310	112.8	279	209	139
SP-S-1600-310	SP-C-1600-310	SP-P-1600-310	1539	310	110.7	428	320	213
SP-S-2240-310	SP-C-2240-310	SP-P-2240-310	1539	310	108.5	590	442	294

TECHNICAL DRAWINGS

