



MODEL		SM-15	SM-22	SM-33
TYPE		Domestic Salt-water Chlorination System		
SYSTEM PRODUCTION AND CONSUMPTION	Chlorine Production	15 grams/hour	22 grams/hour	33 grams/hr
	Power Consumption	180 Watts Maximum		
RECOMMENDED WATER CONDITIONING		<p>These systems utilize salt in the water to perform the sanitizing process but do not consume salt. Salt concentration can vary between 3,000 ppm and 35,000 ppm. These levels will only change when fresh water is added, for example, if it rains or, through backwashing the system. In either instance, salt should be added to regain the optimum concentration.</p> <p>Optimum conditions for user and operation require the following pool characteristics:</p> <p>Total Alkalinity 90-120ppm; pH 7.2-7.6; Chlorine Stabilizer (Isocynuric Acid) 50-80 ppm.</p>		
TYPICAL WATER TREATMENT CAPACITY	Cool Climate	<63,500 litres	<92,000 litres	<140,000 litres
	Hot Climate	<50,000 litres	<74,000 litres	<110,000 litres
POWER SUPPLY SPECIFICATION	Supply Specification	Primary Input: Voltage: 220-240 V AC Current: 10 Amps Max. (inc. pool pump supply) Secondary Output: Voltage: 28 V DC Current: 6.3 Amps Max. Total Power: 180 Watts Max.		
	Dimensions Power Supply: Cell Unit:	230mm x 200mm x 110mm 320mm (length) x 120mm (diameter)		
	Display and Controls	Chlorine Production rate: 10 LEDs; Polarity Display LED; No Flow Warning LED. Control Switches < and > to lower and raise production rate. Easy to program, manual flick switch 24 hour Timer: also to control circulation pump operation.		
CELL SPECIFICATION	Cell Material	High quality Coated Titanium electrodes		
	Plumbing	Cells are installed in-line in the plumbing situated on the return-to-pool line after the filter. All pipes, fittings and valves are industrial grade PVC or CPVC and have been tested to 500kPa. Cells are made from Acrylic for easy inspection.		
	Cell Cleaning	Self-cleaning, Reverse polarity cells.		
	Recommended Water Flow	Minimum Flow = 10 litres/second		
PROTECTION SYSTEMS		Primary Protection: - Current/Voltage Regulation; Circuit Breakers; Water flow cut-off detection system. Secondary Protection: - Constant Voltage Control; Current Limiting; Gas build-up avoidance via careful placement of unit along water return lines.		
MAINTENANCE		Periodic cell cleaning should be between 5-10 weeks, subject to local conditions; Cell Material is designed for 10,000 maximum-power operating hours. Refurbishment of cell can be done at a reduced cost.		
WARRANTIES		Wall mounted power supply – 3 years . Cells – 3 years*. *One year full warranty, two years pro-rata.		
APPROVALS		  RoHS 