

Technical details Saltmaster SM 22

This system utilize salt in the water to perform the sanitizing process but do not consume salt. **Recommended TDS concentration: 1.500 ppm.** This level will only change when fresh water is added e.g. if it rains or through backwashing the sandfilter.

Optimum conditions for user and operating: TAC - total alkalinity: 90 – 120 ppm, pH: 7,2 – 7,6, isocyanuric acid: 40 – 60 ppm!

Cl production	22 grams / hour
power consumption	max. 250 W
pool capacity	< 80.000 litres
primary input	voltage: 220 – 240 V AC – current: max. 10 Ampère (incl. pool pump supply)
secondary output	voltage: 7,4 V DC- current: max. 33 Ampère total power
dimensions	power supply: h 340 mm x w 310 mm x d 160 mm cell: I 300 mm x diameter 110 mm
material electrodes	high quality coated titanium electrodes
display	switches: main power on, cell on
controls	display: Cl production, 10 LED's, polarity display LED, no flow warning LED, control switches – and + to low and raise production rate, easy to program, manual flick switch 24 h timer: also to control circulation pump operation
plumbing	cells are installed in-line in the plumbing situated on the return-to-pool-line after the sandfilter. All pipes, fittings and valves are industrial grade PVC or CPVC and have been tested to 500 kPa. Cells are made from acrylic for easy inspection.
cell cleaning	self cleaning, reverse polarity cells
recommended water flow	min. flow = 3 litres/sec.
protection systems	current/voltage regulation, circuit breakers, water flow cut-off detection system (primary protection). Constant voltage control: current limiting, gas build up avoidance via careful placement of unit along water return lines (secondary protection).
maintenance warranty	cell material is designed for 10.000 max. op. hours wall mounted power supply: 2 years cells: 2 years* / * 1 year full – 1 year pro rata
approvals	RoHS Q93038 CE / DIN 19642