

Salt and Mineral Chlorinator

Sanitise pools with your choice of salt water or mineral water for highly crystal clear water. Ideal for in-ground and above ground residential pools, plunge pools and large swim spas up to 175,000 litres.

- > Full digital LCD display screen for easy operation
- > Strong and durable enclosure made with corrosion resistant, UV stabilised materials
- > One plug cell power connection for quick and simple installation and maintenance
- > High performance reverse polarity electrolytic cell
- > Integrated safety flow switch to protect against gas generation when no flow is detected
- > 40/50mm barrel unions for low maintenance and easy connection



Features

Energy Efficient Modes

- > Spa – reduces chlorine output by 80% of the chlorinator’s manual chlorine output setting
- > Cover – reduces chlorine output by 80% of the chlorinator’s manual chlorine output setting **(with added functionality to remotely switch to this mode using an automated pool cover controller)**
- > Boost – sets chlorine output to 100% for 24 hours and overrides the chlorinator’s manual chlorine output setting
- > Winter – reduces cell current output to 85%, the chlorinator’s manual chlorine output setting remains the same
- > Alarms for add salt, low salt and no flow
- > Two independent timers
- > Adjustable chlorine output in 5% increments
- > Extended memory save with battery blackout protection
- > Switchmode power supply to minimise wasted energy
- > Operating Salt Level: 3,000 – 6,000ppm



Sanitiser Output

Model	Chlorine Gas Production (g/hr 100%)	Calcium Hypochlorite (g/hr 65% equivalent)	Maximum Pool Size (Litres)		
			Cool Climates <25°C	Temperate Climates 25°C to 30°C	Tropical Climates >30°C
HSMC15	15	23	60,000	45,000	30,000
HSMC25	25	38	110,000	80,000	55,000
HSMC35	35	53	160,000	110,000	80,000

Dimensions

Controller				Cell Housing				
Height (mm)	Width (mm)	Depth (mm)	Mounting holes (mm)	Height (mm)	Width (mm)	Diameter	Inlet	Outlet
320	240	113	164	239	390	119	50	50

Electrical Data All Models

Voltage (V)	220-240
Phase	1
Supply Frequency (Hz)	50/60
Enclosure Class (IP)	34
Approval No.	GMA-504803-EA

Warranty

Component	Coverage
Power Supply	4 years
Electrolytic Cell	3 years

Important notes

In 'hard water' applications (above 275ppm), reverse polarity systems will require regular (monthly) inspection and manual cleaning.

If using mineral salts in areas with hard water, reverse polarity systems may require occasional manual cleaning. Mineral salts can form scale on the cell that isn't removed through the polarity reversal process, therefore more frequent manual cleaning may be required. In some cases this scale is soft enough to remove with a strong jet of water if acid cleaning proves ineffective.

The appropriate chlorinator size for your pool is dependent on the local climate and the bather load of the pool. Please note that chlorinator cell life can be increased with shorter running times during winter and lower output settings. Henden recommends that a chlorinator is run for between 6-8 hours a day during summer, and between 2-4 hours during winter.



Power supply warranty