

# Heavy Duty Mineral and Salt Chlorinator

The high performance automatic pool sanitiser for a safe and sparkling pool with a choice of salt water or mineral water. Ideal for in-ground and above ground residential pools up to 160,000 litres.

- > **EziSet digital timer and controls makes it simple to use**
- > **Large, easy to read digital chlorine production display and LED indicators**
- > **Built with strong corrosion and UV-resistant polypropylene materials for long service life**
- > **Strong and durable, UV stabilised controller enclosure**
- > **Hinged self-closing door protects control panel from the elements**
- > **High flow cells designed for simple replacement of cell heads and rapid pool water turnover**



## Features

- > Suitable for use with all available pool salts, including mineral salts containing Magnesium and Potassium
- > Maximises the value and enjoyment of your pool
- > Eziset digital timer for quick and simple set-up with large, easy to read digital display and LED indicators
- > Reverse polarity electrolytic cells for low maintenance
- > Large surface area of cell plates for high rate chlorine production
- > High flow rate cell design for rapid pool turnover
- > Made with corrosion resistant, UV stabilised materials for long service life
- > Winter mode setting to reduce sanitiser output during the colder months, saves energy and protects equipment
- > 'Low salt', 'no flow' indicators and overload protection
- > Flow detector stops electrolysis if no flow is present, preventing dangerous gas build-up
- > Pump 'cut out' protects the pump when no water detected (on reverse polarity models)



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	Hot & Tropical Climates >30°C
HHDMSC24	24	37	120,000	75,000	55,000
HHDMSC36	36	55	180,000	112,000	80,000

Dimensions									
Model	Controller				Cell Housing				
	Height (mm)	Width (mm)	Depth (mm)	Mounting holes	Height (mm)	Width (mm)	Diameter	Inlet/Outlet	Plumbing Holes
HHDMSC24	390	235	130	66 (centre to centre)	141	376	123	50	194 (centre to centre)
HHDMSC36									

Electrical Data All Models	
Voltage (V)	220-240
Phase	1
Supply Frequency (Hz)	50
Enclosure Class (IP)	34
Approval No.	TUV16001EA

Warranty	
Component	Coverage
Power Supply	4 years
Electrolytic In Line Cell	3 years
Sensor Probe	1 year

## 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. A 24 hour super chlorination is recommended after heavy pool use.

Please read instruction manual for further pool size and running time information.



Power supply warranty