

Smart Chlorinator



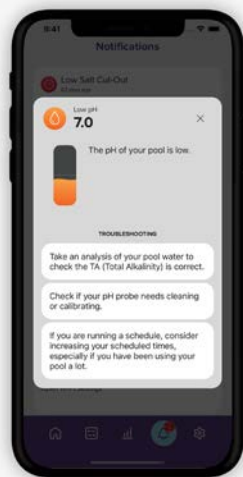
Combining all the great features of the Henden Salt and Mineral Chlorinator with the innovative Henden Water Quality Hub, this intelligent unit allows you to test, monitor and maintain the quality of the pool's water. The Henden Smart Chlorinator is the complete system to manage your pool's health on the go.

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



Features

- > **Wi-Fi Connectivity**
With a fully integrated app for remote monitoring and control directly from your iOS or Android smartphone
- > **App Functions**
Receive notifications on the status of the unit and condition of the pool's water
Switch between modes and set timers
Troubleshoot chemistry issues with simple recommendations
Control your Henden Heat Pump and Henden 400 VSD Pump



- > **pH Probe**
Monitors and maintains pH by controlling acid dosing, to achieve chosen set-point
- > **ORP Probe**
Monitors and maintains ORP by controlling cell output, to achieve chosen set-point
- > **Salt/Temperature Probe**
Reports and sends alerts on the salt and temperature level of the pool's water
- > **Probe Housing**
Includes a unique manifold to house the probes, with an injection point for acid
Eliminates unnecessary pipework for quick and easy installation
Ensures accurate probe readings
- > **Acid dosing pump included**
Allows you to maintain pH by controlling the dosage of diluted acid

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
HSMARTCHLOR15	15	23	60,000	45,000	30,000
HSMARTCHLOR15	25	38	110,000	80,000	55,000
HSMARTCHLOR15	35	53	160,000	110,000	80,000

Dimensions												
Salt and Mineral Chlorinator				Water Quality Hub				Cell Housing				
Height (mm)	Width (mm)	Depth (mm)	Mounting holes (mm)	Height (mm)	Width (mm)	Depth (mm)	Mounting holes (mm)	Height (mm)	Width (mm)	Diameter	Inlet	Outlet
320	240	113	164	153	240	97	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
Control Unit	4 years
Power Supply	4 years
Electrolytic Cell	3 years
Acid Dosing Pump	12 months
Probes	6 months

Important notes

> Modes for every application

Includes Spa, Cover, Boost and Winter modes as featured in the Salt and Mineral Chlorinator

Adds Backwash, Maintenance and Service modes to ensure safety when backwashing a media filter and carrying out maintenance or service in the pool equipment area

> Controls your Henden Heat Pump

When connected via RJ45, controls the temperature to maintain chosen set-point and on/off function

> Controls your Henden 400 VSD Pump

When connected via RJ45, controls speed, preferences, backwash and on/off function

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. Please note, chlorinator sizing is a guide only. The Chlorinator model for any given pool size (litres), is based on an average 8 hours run time.



Control unit warranty