

Intelligent Salt & Mineral Chlorination with WiFi Control

Enjoy sparkling, low-maintenance water all year round with the Madimack InverCHLOR Salt & Mineral Pool Chlorinator. WiFi-enabled and self-cleaning, this system revolutionises pool care by combining advanced inverter technology with user-friendly controls. Built for both salt and mineral pools, it ensures accurate, convenient, and efficient sanitisation through real-time updates and adjustable settings.



The high-performance cell guarantees over 10,000 hours of use, while the intelligent control system minimises strain and extends life. Compact, robust, and UV-protected with a touch screen LCD, InverCHLOR makes pool maintenance simpler than ever – ensuring optimal conditions across all Australian seasons.

InverMAC Technology

Madimack's enhanced inverter technology, InverMAC, provides precise control of motor speed and energy usage across the range. By adapting power output to demand, InverMAC delivers greater efficiency, quieter operation, and longer equipment life. This proprietary technology underscores Madimack's leadership in sustainability and innovation for modern pool systems.

Key Features

- **High-performance self-cleaning cell:** Guarantees over 10,000 hours of operation, with intelligent control that minimises strain and extends cell life.
- **Low TDS compatibility:** Efficient chlorine production from ultra-low salt or mineral levels (1200–6000 ppm), keeping pools sanitised even at reduced concentrations.
- **WiFi app control:** One-click simplicity with real-time status, water chemistry updates, and remote adjustments from your smartphone.

- **Smart alerts & notifications:** Stay informed with reminders for low salt or abnormal conditions, removing the guesswork from pool care.
- **Modular cell design:** Streamlined installation for both new and retrofit pools, with integrated electrode, flow switch, and optional pH control.
- **Adaptive inverter technology (InverMAC):** Controlled performance with full inverter output for greater efficiency, lower running costs, and longer equipment life.
- **Synchronised intelligence:** Coordinates seamlessly with Madimack heat pumps, allowing them to run independently of filtration/chlorination cycles on the same pump.
- **UV-protected touch screen LCD:** Durable, outdoor-ready front cover with intuitive controls and easy configuration.
- **Compact, robust design:** Built for reliable operation and simple installation in Australian conditions.
- **Peace of mind warranty:** Backed by a 4-year replacement warranty covering all critical components.

Optional Upgrade: InverCHLOR pH Doser

Enhance your system with the [InverCHLOR pH Doser](#) – an automated acid dosing accessory that keeps your water chemistry balanced at all times. By precisely delivering diluted acid during operation, it eliminates the need for manual dosing, protects pool surfaces and equipment, and improves chlorine efficiency. The Doser integrates seamlessly with the InverCHLOR controller via the DOSER port, providing hands-free pH management with simple installation and minimal maintenance.

Smarter Pool Care Made Simple

Pool care shouldn't feel like hard work. InverCHLOR combines smart technology, robust design, and inverter efficiency to keep your water sparkling with less effort. From ultra-low salt compatibility to real-time app control, it delivers consistent results and long-term savings while protecting your pool equipment. Backed by a 4-year replacement warranty, InverCHLOR is the intelligent choice for hassle-free, energy-efficient sanitisation.



Technical Specifications

Model	<u>InverCHLOR 10</u>	<u>InverCHLOR 20</u>	<u>InverCHLOR 30</u>
Chlorine g/hr 3000ppm	10	20	30
Chlorine g/hr 1200ppm	4	9	14
Cell amps (A) (3000ppm)	4	7	11
Cell amps (A) (1200ppm)	2.6	4.6	7
Cell voltage	12		
Power supply (Vac)	100-240v (50/60hz)		
Flow rate L/Min	80-400		
IP Rating	65		
Operating temp (C)	-5 ~ 42		
Water temp (C)	5 ~ 40		

Control unit dimensions (mm)	245 x 200 x 80
Cell dimensions (mm)	327 x 117 x 150
Water connection (mm)	50/40mm
Retro-Fits	Astral E, VX, V, eQ, and Halo series
Warranty	Salt & Mineral Chlorinator – 4 years* Control Box – 4 years *or 10,000 hours, whichever comes first

All measurements calculated at 25 °C water temperature.

Sizing Your Chlorinator



Note: Sizing chart provided as a guide only. [Contact us](#) for the correct systems, size, and specifications to suit your needs.

Frequently Asked Questions

How do I install the InverCHLOR?

- **Controller placement:** Mount vertically in a well-ventilated area, away from chemical fumes and direct weather.
- **Cell housing:** Install horizontally as the last component before water returns to the pool; keep ~200 mm of straight pipe on inlet/outlet and position at the highest point of the return line.

- **Flow direction & unions:** Follow the marked flow direction. Use the supplied 40/50 mm unions; avoid primer/cement on O-rings and threads.
- **Start-up tip:** Add salt/minerals with the pump running and allow to dissolve before switching on; then set clock, timers, and output.

