

Ramzonics Pty Limited

Model 1400 20Amp Reversing Salt Water Chlorinator

Model 1401 30Amp Reversing Salt Water Chlorinator



Ramzonics Model 1400 Salt water reversing chlorinator. Designed and manufactured in Australia by a company with over 20 years' experience in producing & servicing pool products for other agencies. We build with the highest quality components in our assembly plant in Moorebank NSW.

Part Number 1400 20A

Part Number 1401 30A

Specifications:

Inputs: 240V AC, 7A maximum (250Watts for the chlorinator at full power).

Outputs: Cell connections, 20A DC 6V reversing every 60 minutes to clean the cell.
Switched 8A socket for the pool pump (1HP maximum)
Chlorine output 35gm per hour.

Control 3 Position Switch,
UP Timer
Centre OFF
Down Manual
Potentiometer

Ramzonics PTY Ltd
2/12 Mitchell Rd, Moorebank, NSW 2170
PH 02 9824 1191, Mob 0433 405 930

Ramzonics Pty Limited

- Display:** Model dependant:
LED Blue, Output Current.
LED Red, No water flow.
- Isolation:** The 240AV Mains into the unit is fully isolated by the massive, cool running, 375VA toroid transformer. Isolation is a minimum of 1500V RMS for 1 minute with no leakage.
- Protection:** Mains earth is connected to the case and the negative cell terminal.
The chlorinator is protected by a 3A resettable thermal circuit breaker and an automatically resetting 110C thermal switch mounted on the transformer.
Internal wiring is current rated at minimum 3x its expected worst case fault condition and rated to 110C continuous.
- Case:** The case is designed for a 20 year lifespan in a harsh environment; the case is made from powder coated 1mm zinc steel.

A Lexan™ acrylic cover protects the board and timer from splash and impact damage.
- Colour:** The top cover is available in White, Cream, Blue, Grey,
Customer Specified colour MOQ 10.
- Unpacking:** Please ensure the carton contains all of the listed parts
- 1400 (1400B) chlorinator
 - Instruction Manual
 - Rear wall hanger.
- Installation:**
- The unit must be mounted on a wall.
 - The rear chassis has a return lip to place over the “J” bracket.
 - Note - the unit must not be operated without clear unobstructed airflow from underneath and at the rear.
 - Maintain 150mm clearance at the sides and top and 300mm below the unit.
 - Note: The unit weighs 13Kg and the centre hole MUST be screwed minimum 50mm into a stud. The outer holes are used when a wall noggin is available. The unit is weight balanced through the centre line and will sit level unless moved.
- Cell Connections:** Wiring to the cell must be suitable for the current supplied from this unit.
Peak current is 40% higher than the stated average current.
For 20A unit the wiring must be minimum 2.4mm² with 4.0mm² preferred.

Ramzonics Pty Limited

Caution: BURN HAZARD. In extreme conditions (100% output, >60C ambient temperature and **restricted airflow**), the right side temperature can exceed 110C.
Ensure the wall area is free of combustible materials. Free airflow must be maintained at all time between the unit and the wall.
Do not place any item on top of the unit.

Warranty

Your Chlorinator is manufactured to the highest standards employing the latest technologies and carries the following warranty should a fault occur due to faulty manufacture or materials

IMPORTANT:

Two year conditional manufacturer's warranty which covers faulty manufacture or material. This warranty covers DOMESTIC USE ONLY. Warranty does not cover 24hr and Commercial installations, such as public pools, hotels, schools, health clubs, hospitals, etc. Warranty for this type of use is 12 months only.

Should a fault covered by warranty occur the purchaser must in the first instance contact the supplier of the Ramzonics product, a Service Agent or Ramzonics direct. Ramzonics warrant the original purchaser of the Chlorinator Power Pack for a period of 24 months from the DATE OF PURCHASE. This warranty only applies to failure caused by faulty manufacture or materials. Ramzonics also warrants the original purchaser of the Ramzonics electrolytic cell against faults caused through manufacture or materials for a period of 24 months from the DATE OF PURCHASE. Ramzonics also warrant the electrolytic cell for a further 36 months to be repaired or replaced at a monthly pro-rata price from the DATE OF PURCHASE at the Recommended Retail Price.

The warranty is void if the following are deemed to apply or have not been adhered to:

1. The cell not being cleaned regularly. Refer to page 6 of this manual. This does not apply to the self-cleaning model.
2. A cell blocked or damaged with calcium causes the cell to fail prematurely, and is not covered by this warranty. This does not apply to the self-cleaning model.
3. Damage to the electrolytic cell resulting from:
 - (a) Matters beyond manufacturer's control.
 - (b) The cell or power pack are installed incorrectly by any person other than a person authorised to do so by the manufacturer or its agents.
4. The power pack must not be connected to a power supply other than 240 volt 50 Hz. Never plug more than one pool pump into your Chlorinator.
5. Water above the temperature of 45 degrees Celsius must not flow through the cell.
6. Water must flow freely through the cell when turned on.
7. The chlorinator must not be serviced by any other person other than the person authorised by Ramzonics.
8. The cell must never be cleaned other than with a recommended cell cleaner. Never use concentrated acid.
9. Running the chlorinator in less than 4000ppm salt in your pool will destroy the anode coating voiding warranty.
10. Damage during freight.
11. Noncompliance with installation instructions.
12. Damage by foreign objects (ie: insects).
13. Damage caused by chemicals being stored directly under or near the power pack.
14. Acts of God (ie: storms, lightning strikes, floods. etc.).
15. Warranty does not cover unauthorised alterations, modifications or work carried out by unauthorised technicians.
16. The manufacturer reserves the right to refuse a warranty claim if in its opinion the claim cannot be justified. If the repair is to be carried out outside the manufacturer or its authorised service agents, a service fee is applicable. It is the customer's responsibility for the cost of freight both ways in all other circumstances. This service fee cost is available on request from the manufacturer or its agents.
17. No warranty is applicable without proof of purchase.
18. This warranty is applicable to workmanship and materials only. The manufacturer will replace at no charge all parts returned freight paid, which display faulty workmanship or materials. The manufacturer accepts no responsibility for loss, damage or injuries to person or property arising from warranty failure of equipment, or installation of that equipment. Except with the authority of the manufacturer any replacement shall be provided only by the manufacturer or its authorised distributors and this warranty shall not extend to any expenditure otherwise incurred.