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Pilipane 16g/h Saltwater Chlorinator

Pilipane 16g/h Saltwater Chlorinator User Manual

Model: 16g/h Saltwater Chlorinator

1. Introduction

Thank you for choosing the Pilipane 16g/h Saltwater Chlorinator. This device is designed to provide efficient and automatic chlorine generation for your swimming pool, hot tub, or spa, ensuring clean and healthy water. This manual provides essential information for the safe and effective installation, operation, and maintenance of your new chlorinator. Please read this manual thoroughly before use and retain it for future reference.

2. Important Safety Information

Always observe the following safety precautions to reduce the risk of injury or damage:

- Read all instructions before installing or operating the chlorinator.
- Ensure the power supply voltage matches the specifications of the device (100-240V, 50/60Hz).
- Do not operate the chlorinator if it has a damaged cord or plug, or if it is not functioning properly.
- Keep children away from the device and ensure proper supervision.
- Disconnect power before performing any maintenance or cleaning.
- Installation should be performed by a qualified professional where necessary, following all local electrical and plumbing codes.
- This device is designed for use with swimming pools, spa pools, and swimming tanks up to 80 .

3. Product Overview and Components

The Pilipane Saltwater Chlorinator system consists of the main chlorinator unit and a power adapter. Understanding its components is crucial for proper installation and operation.



Figure 3.1: Main components of the Pilipane Saltwater Chlorinator, including the chlorinator cell, power adapter, and two black pipe connectors.

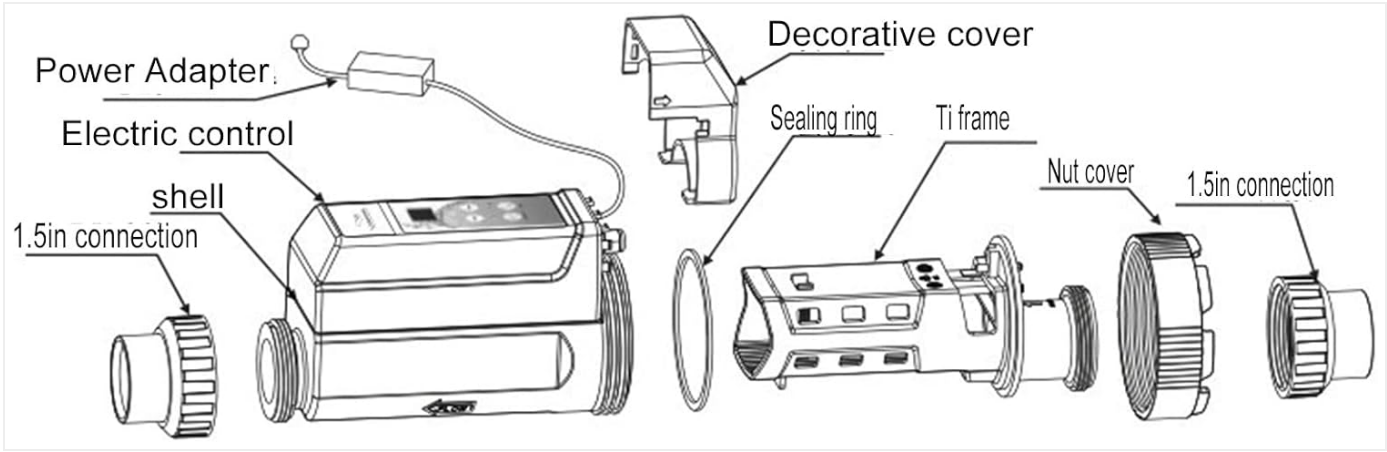


Figure 3.2: Exploded diagram illustrating the various parts of the chlorinator, including the shell, electric control unit, power adapter, decorative cover, sealing ring, Ti frame, nut cover, and 1.5-inch connections.

Package Contents:

- 1 x Salt Chlorinator Unit
- 1 x Buck Transformer (Power Adapter)
- 2 x Black Connectors
- 1 x Instruction Manual (this document)

4. Technical Specifications

Feature	Specification
Item Type	Salt Chlorinator
Material	Plastic
Overall Size	Approx. 387x152x122mm (15.24x5.98x4.8in)
Distance Between Two Ends	Approx. 298mm (11.73in)
Weight	Approx. 2911g (6.4 pounds)
Applicable Specification	16g/h
Input Voltage	100-240V
Voltage Frequency	50/60Hz
Applicable Pool Size	Up to ≤80 (cubic meters)
Water Temperature Protection	10 to 40°C



Figure 4.1: The product may ship with either the new or old type power adapter, both are compatible and function identically.

5. Setup and Installation

Proper installation is critical for the performance and longevity of your chlorinator. It is recommended to have this unit installed by a qualified pool technician.

Installation Steps:

1. **Choose Location:** Select a suitable location for the chlorinator unit, typically after the filter and heater in the pool's circulation system. Ensure it is easily accessible for maintenance and away from direct sunlight or extreme weather.
2. **Prepare Plumbing:** Turn off the pool pump and close all necessary valves to prevent water flow. Cut into the existing PVC plumbing at the chosen installation point. The chlorinator is designed for 1.5-inch connections.
3. **Connect Unit:** Use the provided black connectors to securely attach the chlorinator unit into the plumbing line. Ensure all connections are watertight using appropriate sealants (not included).

4. **Electrical Connection:** Connect the power adapter to the chlorinator unit. Plug the power adapter into a grounded electrical outlet that meets the specified voltage requirements (100-240V, 50/60Hz). Ensure the outlet is protected by a Ground Fault Circuit Interrupter (GFCI) for safety.
5. **Initial Water Balance:** Before operating, ensure your pool water is properly balanced, especially the salt level. Refer to your pool chemical guidelines for optimal salt concentration for saltwater chlorinators.



Figure 5.1: The chlorinator unit installed in a pool environment, demonstrating its compact size and integration. The device features water level detection, ensuring it only operates when water is present.

6. Operating Instructions

The Pilipane Saltwater Chlorinator is designed for automatic and hassle-free operation.

Key Features and Operation:

- **Automatic Operation:** Once powered on, the chlorinator automatically begins operation and memorizes its last working status. It will resume operation based on previous settings after a power cycle.

- **Water Grade Detection:** The unit is equipped with a water grade detection function, ensuring it only operates when water is detected flowing through the cell. This prevents dry running and extends the lifespan of the device.
- **Salt Grade Prompt:** The system includes a salt grade prompt feature that alerts you if the salt level in the pool water is too low or too high, ensuring optimal chlorine production.
- **Fault Alarm Functions:** Built-in obstacle alarm functions provide alerts for various operational issues, simplifying maintenance and troubleshooting.
- **Water Temperature Protection:** The device has a water temperature conservation feature, operating optimally between 10℃ and 40℃. It also includes protection against water shortage.
- **Automatic Washing:** The chlorinator features an automatic washing function to help keep the cell clean and efficient.



Figure 6.1: The control panel allows for simple manipulation of settings, including power, boost mode, and chlorine output adjustment.

Control Panel Functions:

- **STANDBY/ON Button:** Press to turn the unit on or put it into standby mode.

- **'+' Button:** Increases the chlorine output level.
- **'-' Button:** Decreases the chlorine output level.
- **BOOST Button:** Activates a temporary boost in chlorine production for situations requiring higher sanitization.

7. Maintenance

Regular maintenance ensures the optimal performance and longevity of your Pilipane Saltwater Chlorinator.

- **Cell Cleaning:** Although the unit has an automatic washing function, periodic manual inspection and cleaning of the chlorinator cell may be necessary, especially in areas with hard water. Turn off power and remove the cell. If scale buildup is present, soak the cell in a mild acid solution (e.g., diluted muriatic acid or a commercial cell cleaning solution) following the solution's instructions. Rinse thoroughly with water before reinstallation.
- **Water Chemistry:** Regularly test and maintain proper pool water chemistry, including pH, alkalinity, calcium hardness, and especially salt levels. Incorrect water chemistry can reduce the efficiency and lifespan of the chlorinator.
- **Winterization:** In colder climates, ensure the chlorinator is drained and removed from the plumbing system before freezing temperatures occur to prevent damage. Store the unit in a dry, protected area.

8. Troubleshooting

This section addresses common issues you might encounter with your chlorinator.

Problem	Possible Cause	Solution
Chlorinator not producing chlorine	Low salt level; dirty cell; insufficient water flow; power issue.	Check salt level and adjust; clean the cell; ensure pump is running and water flow is adequate; verify power connection.
Salt level alarm/prompt	Actual salt level is too low or too high; sensor issue.	Test pool water salt level and adjust accordingly; if salt level is correct, contact support.
Unit not turning on	No power; faulty power adapter.	Check power outlet and connections; test power adapter if possible.
Water temperature protection activated	Water temperature outside 10-40°C range.	Ensure pool water temperature is within the operating range.

If you encounter issues not listed here or if the suggested solutions do not resolve the problem, please contact customer support.

9. Customer Support

For technical assistance, warranty claims, or general inquiries, please visit the official Pilipane store on Amazon or contact their customer service directly.
Pilipane Store: Visit the Pilipane Store on Amazon
Please have your product model (16g/h Saltwater Chlorinator) and purchase information ready when contacting support.

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