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Fengind 15,000 Gallons

Fengind Smart Saltwater Pool Chlorinator System (15,000 Gallons) User Manual

Product Overview

This manual provides instructions for the Fengind Smart Saltwater Pool Chlorinator System, designed for pools up to 15,000 gallons. This system utilizes saltwater electrolysis to produce chlorine, maintaining pool cleanliness without the need for traditional chemical additions. Key features include Wi-Fi app remote control, self-cleaning titanium plates, and compatibility with common pipe sizes.



Image showing a pool before and after using the chlorinator, illustrating improved water clarity. The system converts salt and water into chlorine, reducing skin irritation, red eyes, and hair damage.

Installation Guide

Proper installation is crucial for the optimal performance of your saltwater chlorinator.

Pipe Connection Options

The chlorinator supports two common pipe sizes:

- 2-inch adapter for PVC pipes with an outer diameter of 60.3mm.
- 1.5-inch adapter for PVC pipes with an outer diameter of 48.3mm.

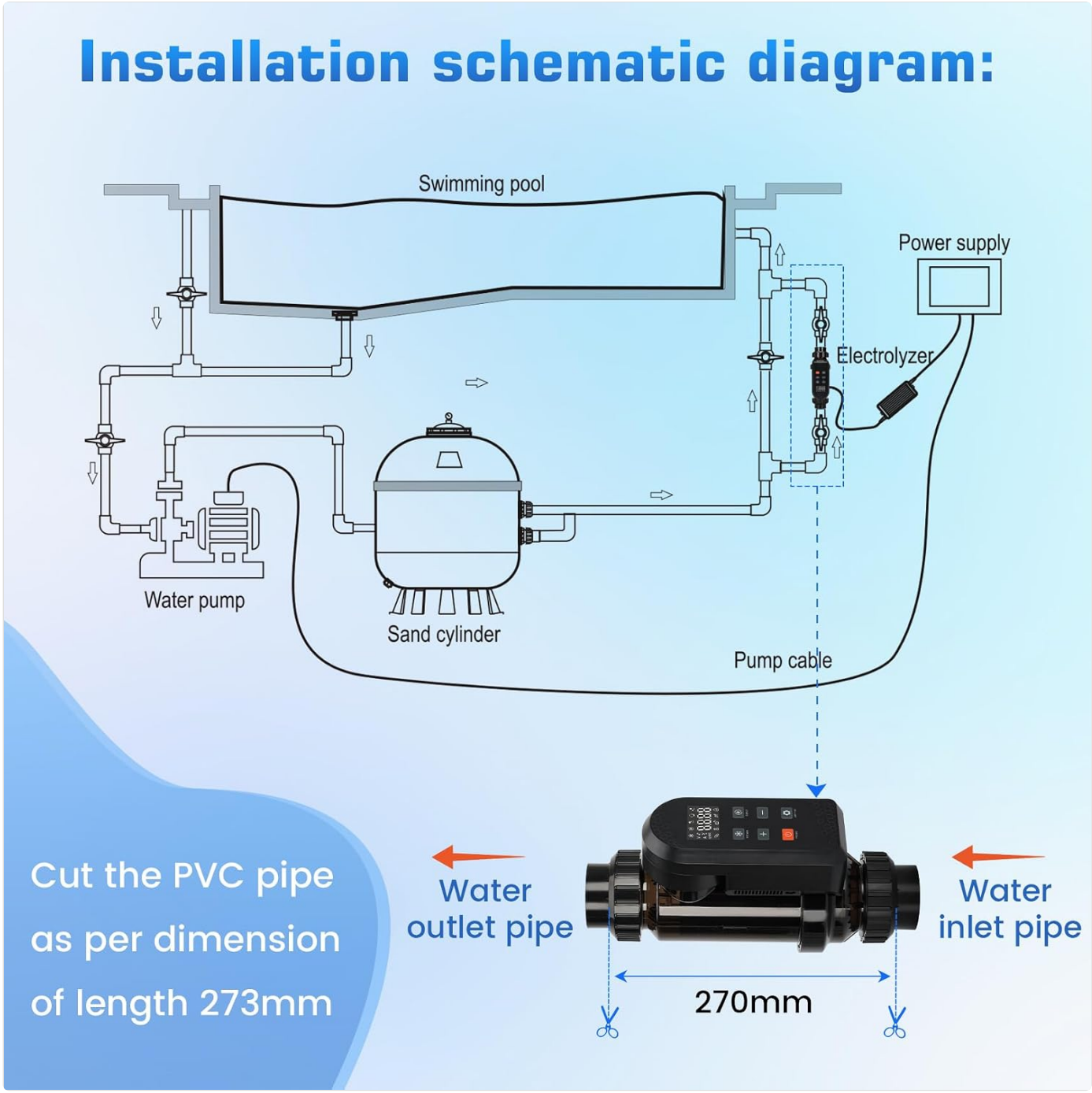


Diagram illustrating the two pipe connection options: 2-inch adapter for 60.3mm PVC pipe and 1.5-inch adapter for 48.3mm PVC pipe.

Installation Diagram

Refer to the schematic diagram for correct placement within your pool's filtration system. Ensure the flow sensor is installed at the top as per the updated manual to prevent issues.

Improving Water Quality

Electrolytic plates convert chloride water into chlorine gas



Before



After



say goodbye to dry skin

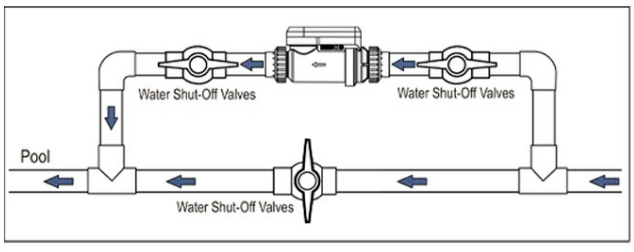
say goodbye to red eye

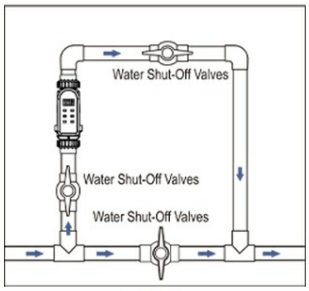
say goodbye to hair damage

Enjoy healthy swimming

Schematic diagram showing the connection of the electrolyzer to the water pump, sand cylinder, and swimming pool, indicating water inlet and outlet pipes.

Installation Diagram





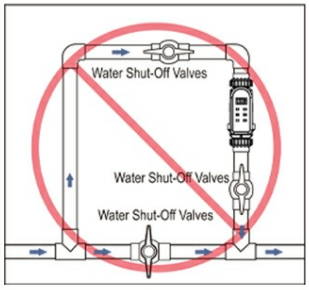


Diagram showing correct and incorrect installation configurations for the chlorinator with water shut-off valves.

Installation Video

Your browser does not support the video tag.

An instructional video demonstrating the installation process of the Fengind Smart Saltwater Pool Chlorinator System.

Operating Instructions

Wi-Fi App Remote Control

The system features built-in Wi-Fi for remote monitoring and control via a mobile application. This allows for adjustment of chlorine levels, run time, and cleaning schedules. The app provides real-time water quality updates, alerts, and maintenance reminders.



Image showing a mobile phone screen displaying the control app interface, with options for chlorine intensity, run time, water flow, water temperature detection, salt dosage control, and salt concentration.



Image depicting the chlorinator unit alongside a smartphone displaying the Wi-Fi remote control app, highlighting its remote monitoring capabilities.

Low Salt Alarm

The system includes a low salt alarm feature that promptly alerts you when salt levels need adjustment to maintain optimal chlorine generation.



Image showing a swimmer in a pool with a smartphone displaying a 'Low Salt' alert, indicating the need to adjust salt levels.

Control Panel Indicators

The chlorinator unit features various indicators to display its status and operational modes.

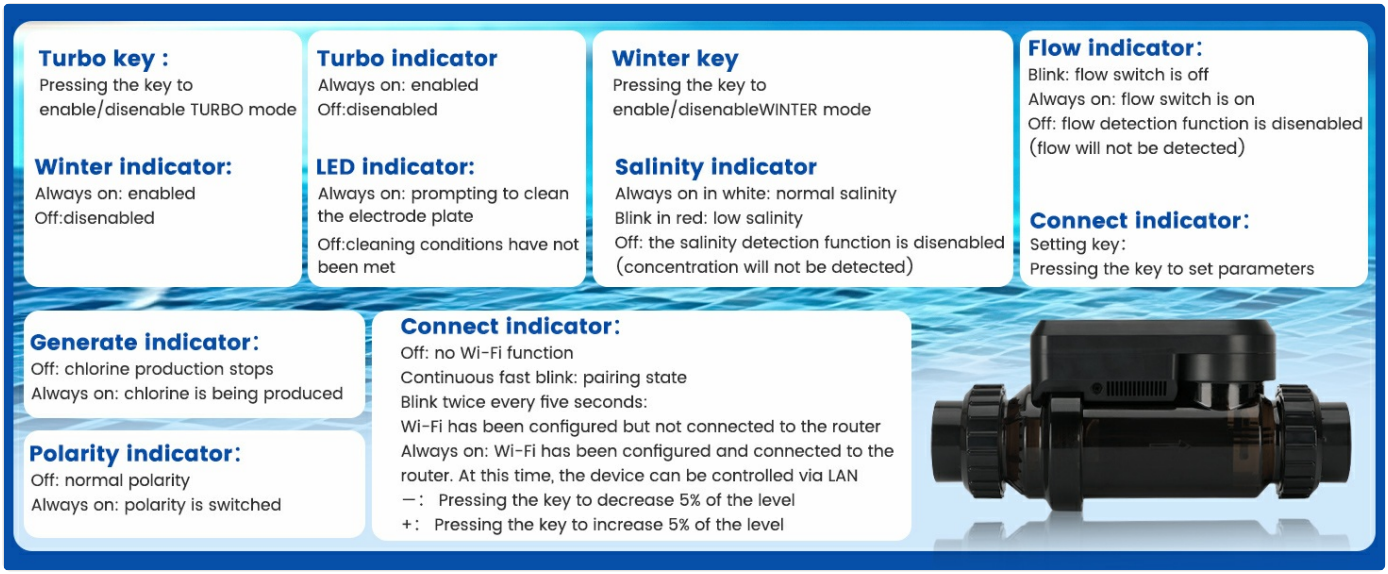


Diagram explaining the functions of the control panel indicators: Turbo key/indicator, Winter key/indicator, LED indicator, Salinity indicator, Flow indicator, Connect indicator, Generate indicator, and Polarity indicator.

- **Turbo Key/Indicator:** Activates or deactivates TURBO mode.
- **Winter Key/Indicator:** Activates or deactivates WINTER mode.
- **LED Indicator:** Illuminates to prompt cleaning of the electrode plate.
- **Salinity Indicator:** Displays white for normal salinity and blinks red for low salinity.
- **Flow Indicator:** Blinks when the flow switch is off, remains on when the flow switch is active, and is off when flow detection is disabled.
- **Connect Indicator:** Off for no Wi-Fi function, fast blink for pairing mode, blinks twice every five seconds when configured but not connected to the router, and remains on when Wi-Fi is configured and connected.
- **Generate Indicator:** Off when chlorine production stops, and remains on when chlorine is being produced.
- **Polarity Indicator:** Off for normal polarity, and remains on when polarity is switched.

Maintenance

Self-Cleaning Titanium Plates

The chlorinator is equipped with a self-cleaning function that automatically reverses electrode polarity every 8 hours of operation. This process reduces scale deposition and extends the lifespan of the electrolytic cell. After 500 hours of operation, a cleaning icon will illuminate to remind you of accumulated usage.

Electrolytic Cell Cleaning

While the system has a self-cleaning function, periodic manual cleaning of the electrolytic cell may be required, especially in areas with hard water. Specialized chlorinator cleaning solutions are available for this purpose.

Troubleshooting Common Issues

Low Salt Alert

If the low salt alarm activates, check your pool's salt level and add salt as needed to reach the recommended range (3000-4500ppm).

Flow Sensor Issues

Ensure the chlorinator is installed with the flow sensor positioned at the top. Incorrect orientation can lead to flow detection problems. The system uses a Hall induction switch designed to be unaffected by high water flow, unlike

mechanical switches.

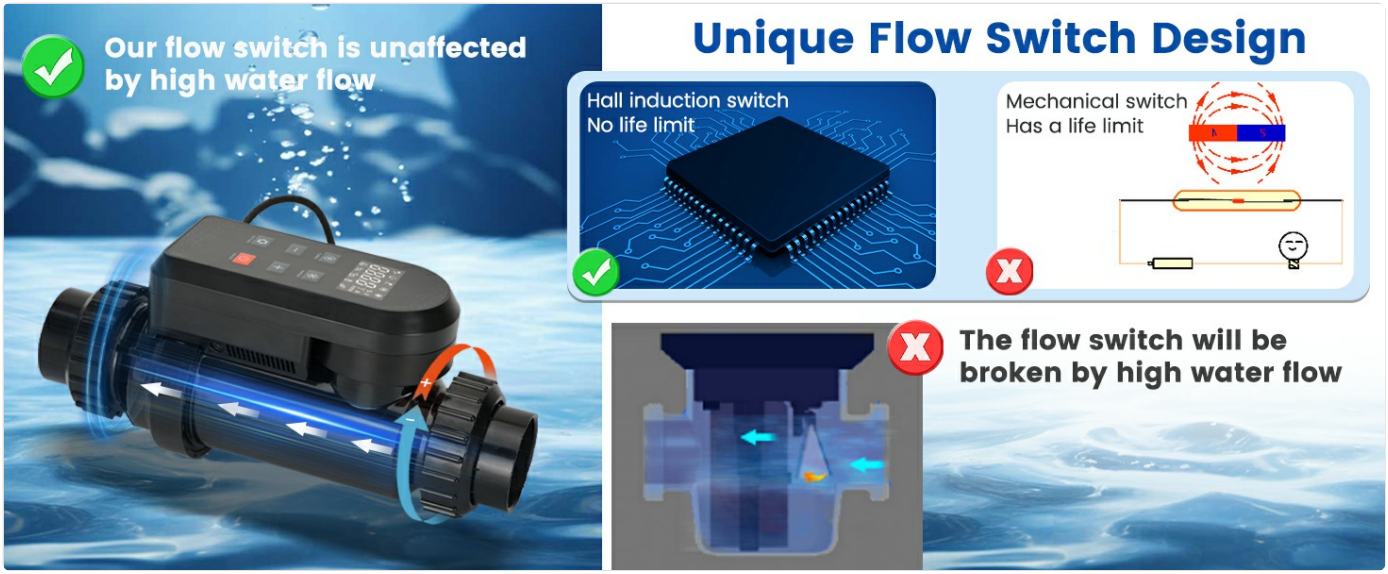


Image comparing the chlorinator's Hall induction flow switch (unaffected by high water flow) with a mechanical switch (prone to breakage by high water flow), and an illustration of a broken mechanical flow switch.

Unit Not Powering On

If the unit fails to power on, verify all power connections and ensure the power supply is functioning correctly. If the issue persists, contact customer support.

Technical Specifications

Feature	Detail
Rated Voltage	AC100-240V
Rated Frequency	50/60Hz
Water Pressure	0.05-0.4Mpa
Insulation Resistance	>20MΩ
Waterproof Rating	IPX4
Model	LC200-LC200A
Specifications	DC30V
Chlorine Output	20g/h
Rated Power	120W
Recommended Salinity	3000-4500ppm
Water Temperature	59°F - 86°F
Control Mode	Manual button / remote APP control
Recommended Pool Volume	10,000-30,000 Gallons



Image displaying a table of working conditions and technical information for the chlorinator, including rated voltage, frequency, water pressure, insulation resistance, waterproof rating, model, specifications, chlorine output, rated power, recommended salinity, water temperature, control mode, and recommended pool volume.

Warranty and Customer Support

Warranty Information

This product comes with a 2-year service period.

Customer Support

For any usage problems or inquiries, please refer to this user manual. If further assistance is needed, navigate to "Your Orders" on the platform, locate this order, and click "Contact Seller" to send a message. A response is typically provided within 24 hours with a satisfactory solution.



Image showing customer service representatives, indicating professional support availability.

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