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> Fengind Salt Chlorine Generator Instruction Manual for 11,000 Gallon Pools

## Fengind B0GC7818T7

# Fengind Salt Chlorine Generator Instruction Manual

Model: B0GC7818T7 | For Pools up to 11,000 Gallons

## INTRODUCTION

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This manual provides detailed instructions for the installation, operation, maintenance, and troubleshooting of your Fengind Salt Chlorine Generator. This system is designed to automatically convert salt into chlorine for pools up to 11,000 gallons, providing a consistent and comfortable swimming environment. Please read this manual thoroughly before installation and use to ensure proper function and safety.

## SAFETY INFORMATION

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Always follow basic safety precautions when installing and operating this electrical equipment. Disconnect power before performing any service or maintenance. Ensure all electrical connections are made by a qualified professional and comply with local codes. Keep children away from the unit during operation. Do not operate the unit if any part is damaged.

## PACKAGE CONTENTS

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Verify that all components are present in the package:



Image: Contents of the Fengind Salt Chlorine Generator package, showing the main unit, power adapter, and various pipe adapters for installation.

- Salt Chlorine Generator Unit
- Power Adapter
- Universal Pipe Adapters (for 1.5"/50mm and 1.25"-1.5"/32mm-38mm pipes)
- User Manual

## SETUP AND INSTALLATION

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The Fengind Salt Chlorine Generator features an all-in-one design for simplified installation. It connects directly into your pool's filtration system.

## Pipe Connection

The unit is compatible with standard 1.5" (50mm) internal diameter pipes or 1.25"-1.5" (32mm-38mm) external diameter pipes using the provided universal adapters. Ensure a watertight connection.

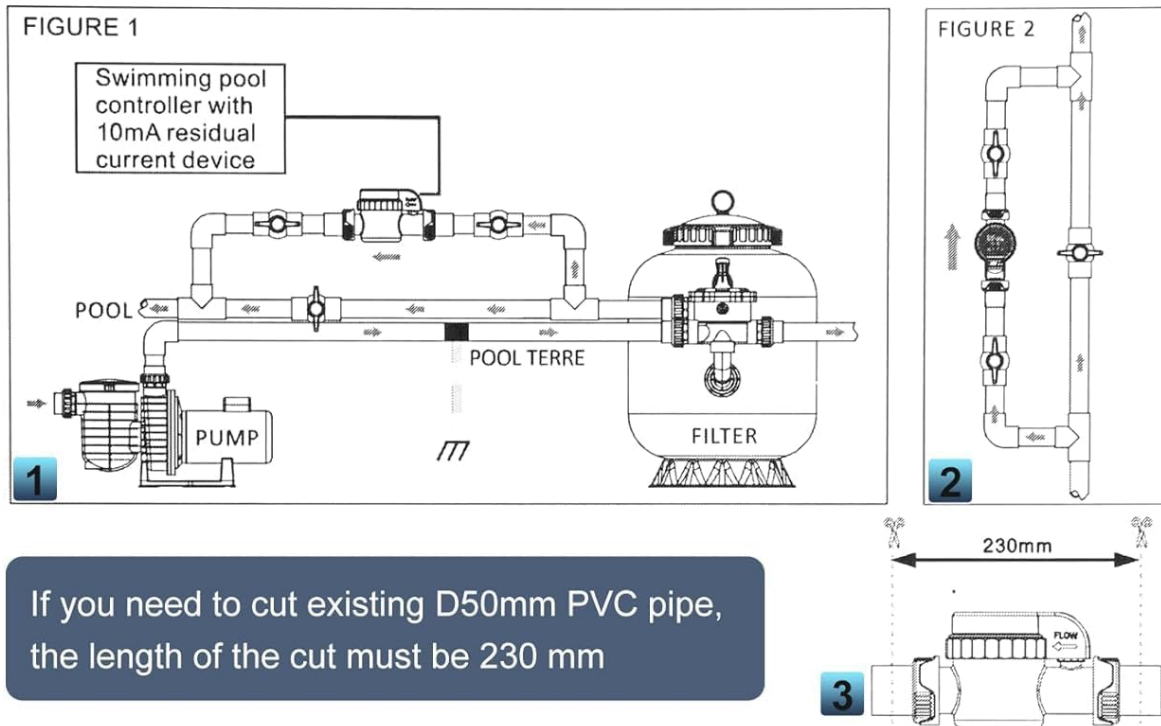


Image: This image illustrates the two pipe interface sizes supported by the chlorinator: 1.5 inch (50mm) for internal water pipes and 1.25-1.5 inch (32mm-38mm) for external water pipes, highlighting the versatility of the universal adapters.

## Installation Diagram

Refer to the diagram below for typical installation configurations. For internal pipe connections, if cutting an existing D50mm PVC pipe, the cut length must be 230mm. For external pipe connections, an additional 50cm pipe (not supplied) may be needed at the filter outlet, and installing a valve after the chlorinator is recommended for easier maintenance.

## Inside Pipe: Internal water pipes: 48.3mm and 50mm (1.5 "inner diameter)



If you need to cut existing D50mm PVC pipe, the length of the cut must be 230 mm

## Outside Pipe: External water pipe: 32mm (1.25 ") or 38mm (1.5")

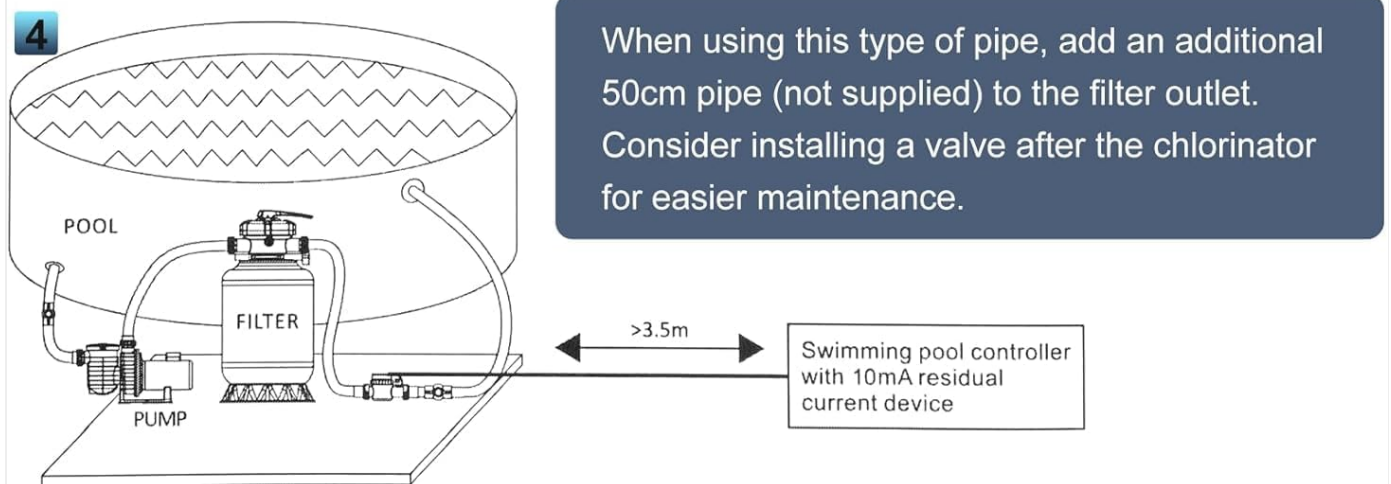


Image: Detailed installation diagrams for the salt chlorine generator, illustrating how to integrate it into both internal (Figure 1 & 2) and external (Figure 4) pool piping systems, including pipe cutting dimensions and recommended bypass setup.

### Installation Video Guide

Watch this video for a visual guide on installing the salt chlorine generator system.

Your browser does not support the video tag.

Video: This video demonstrates the step-by-step installation process for the Fengind Salt Chlorine Generator System, covering pipe connections and initial setup.

### OPERATING INSTRUCTIONS

The Fengind Salt Chlorine Generator offers intelligent control and monitoring for optimal pool water quality.

### Control Panel Overview

Familiarize yourself with the control panel buttons and indicators.

# Smartphone APP Remote Control

## Monitor system status in real-time

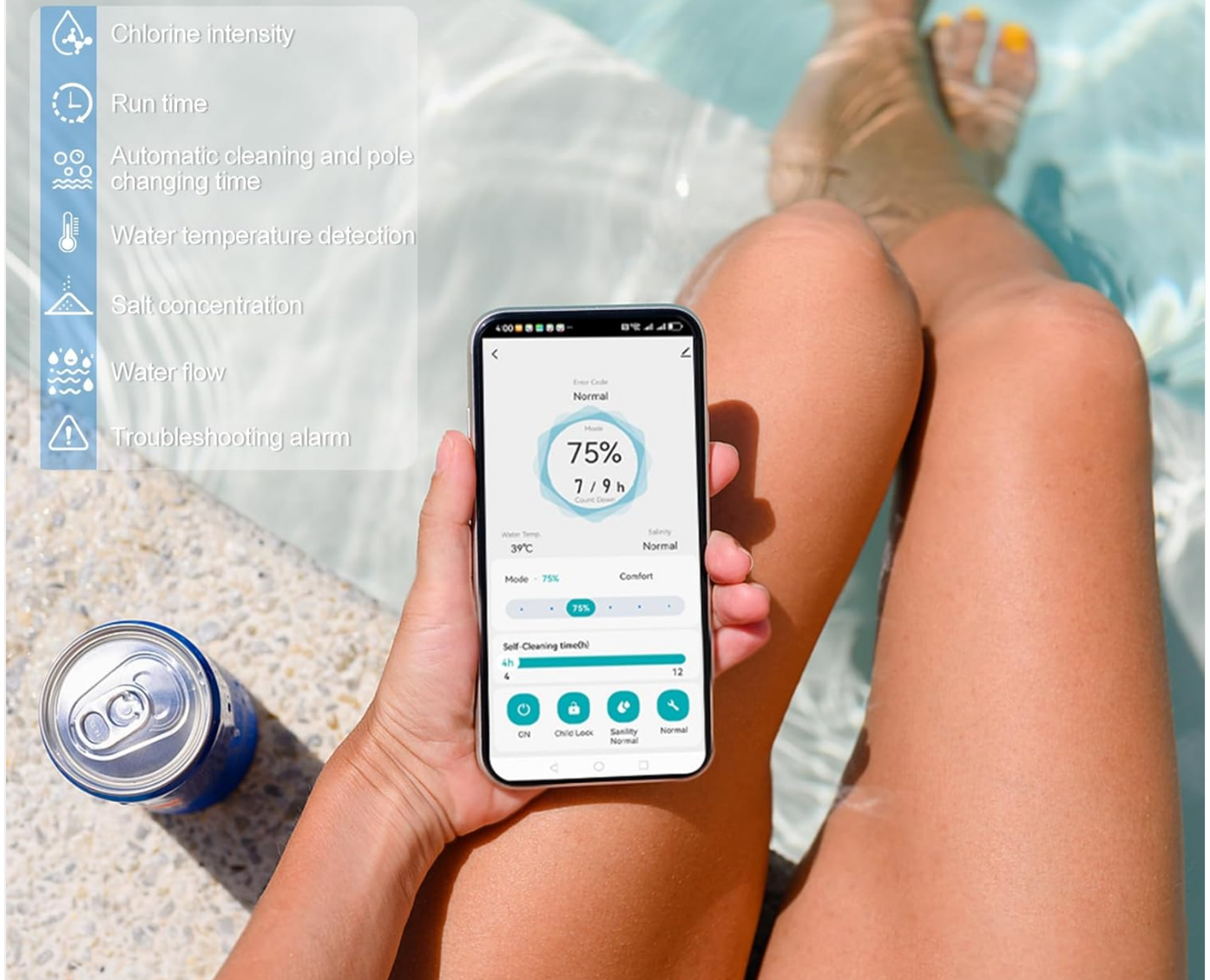


Image: This image displays the control panel of the salt chlorine generator, labeling the Polarity Switch Cycle Timer Button, Operator Selection Button, Salinity Button, Status Alarm Indicator/Troubleshooting Button, and ON/OFF button.

### Operation Modes

The system features two primary operation modes: Standard and Boost. These modes, along with a memory function, allow for personalized chlorine production (25%-100%) based on pool usage and weather conditions. Refer to the guidance table for recommended settings.

## WHAT'S IN THE PACKAGE



Image: This table provides guidance for 6 operation modes (Covered, Spring, Comfort, Summer, BOOST1, BOOST2), detailing recommended chlorine production percentages, water temperature ranges, treatment times, and filtration times for each mode.

### Wi-Fi Remote Control (Smart APP)

Monitor and control your chlorinator remotely using the dedicated Smart APP. The app provides real-time data on salinity, temperature, and power, and allows adjustment of chlorine production settings.



Image: A smartphone displaying the remote control app for the salt chlorine generator, which allows monitoring of chlorine intensity, run time, automatic cleaning schedule, water temperature, salt concentration, water flow, and troubleshooting alarms.

# Intelligently remind of the swimming pool status

Ensure your pool water stay gentle and safe!



**High Salt (>5000ppm)**  
Add Water | Hold Salt  
Button 3s

**F6**



**Low Flow (<2m<sup>3</sup>/h)**  
Reduced Flow | Check  
Circulation

**F2**



**Low Salt (<2500ppm)**  
Add Salt | Hold Salt  
Button 3s

**F5**

Image: The smartphone app interface demonstrating tri-sensor monitoring capabilities, displaying real-time salinity, temperature, and flow data, along with a low/high salinity alarm for proactive maintenance.

## MAINTENANCE

Regular maintenance ensures the longevity and efficiency of your salt chlorine generator.

### Self-Cleaning Titanium Electrodes

The unit features self-cleaning titanium plates with automatic polarity reversal settings (4h/8h/12h) to prevent scale buildup. This significantly extends the cell's service life and reduces manual cleaning frequency.

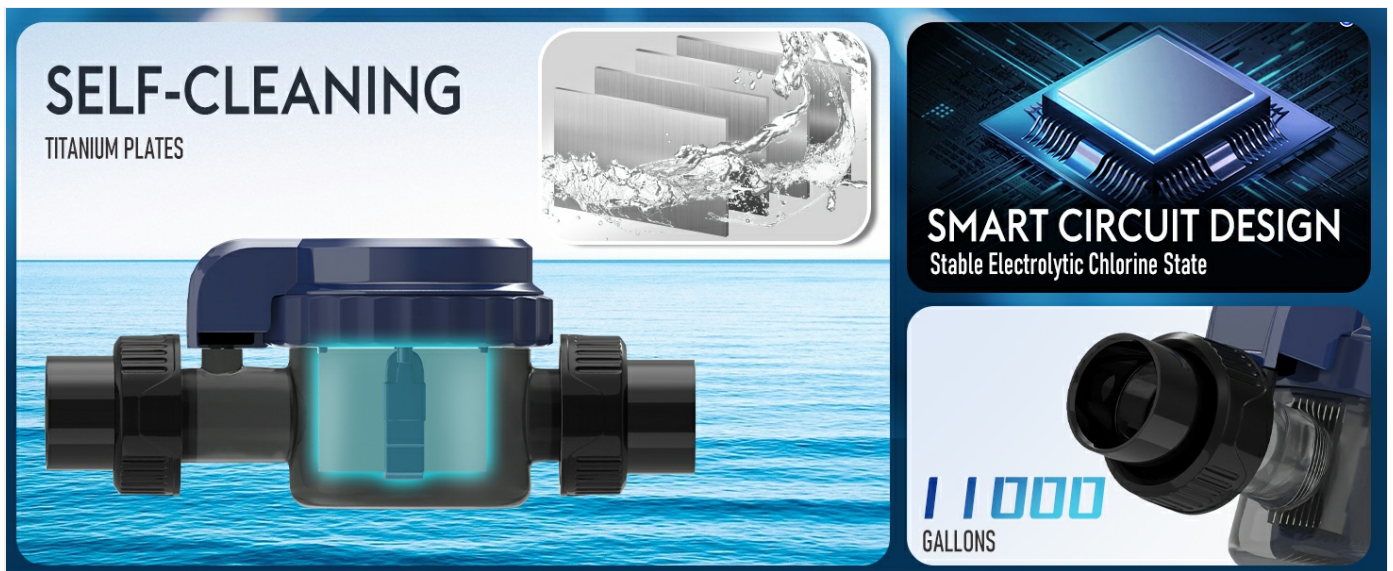


Image: This image highlights the self-cleaning titanium plates within the salt chlorinator, illustrating how water flow helps prevent mineral scale accumulation, ensuring efficient operation.

## General Cleaning

Periodically inspect the cell for any debris or excessive scale that may not be removed by the automatic cleaning cycle. If manual cleaning is required, refer to the detailed instructions in the full user manual. Always disconnect power before cleaning.

## TROUBLESHOOTING

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The chlorinator is equipped with advanced protection features and error codes to help diagnose issues. Below are common error codes and their solutions.

### Error Codes and Solutions

# Intelligently remind of the swimming pool status

Ensure your pool water stay gentle and safe!



**High Salt (>5000ppm)**  
Add Water | Hold Salt  
Button 3s

**F6**



**Low Flow (<2m<sup>3</sup>/h)**  
Reduced Flow | Check  
Circulation

**F2**



**Low Salt (<2500ppm)**  
Add Salt | Hold Salt  
Button 3s

**F5**

Image: This image displays the chlorinator's screen indicating various error codes: F6 for High Salt (>5000ppm) with instructions to add water or hold the salt button; F2 for Low Flow (<2m<sup>3</sup>/h) with instructions to check circulation; and F5 for Low Salt (<2500ppm) with instructions to add salt or hold the salt button.

- **F6 (High Salt):** If the display shows F6 and salinity is above 5000ppm, add fresh water to the pool to dilute the salt concentration. Hold the Salinity button for 3 seconds to clear the alarm.
- **F5 (Low Salt):** If the display shows F5 and salinity is below 2500ppm, add pool salt according to your pool volume. Hold the Salinity button for 3 seconds to clear the alarm.
- **F2 (Low Flow):** If the display shows F2, it indicates insufficient water flow (<2m<sup>3</sup>/h). Check your pool pump and filtration system to ensure proper circulation.

## Troubleshooting Video Guides

For specific error codes and general troubleshooting, refer to the following video guides:

Your browser does not support the video tag.

Video: This video provides solutions for F1 and F3 error codes that may appear on the salt chlorine generator, guiding users through diagnostic steps and fixes.

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Video: This video explains how to troubleshoot F5 and F6 error codes on the salt chlorine generator, offering practical steps to resolve issues related to salt levels.

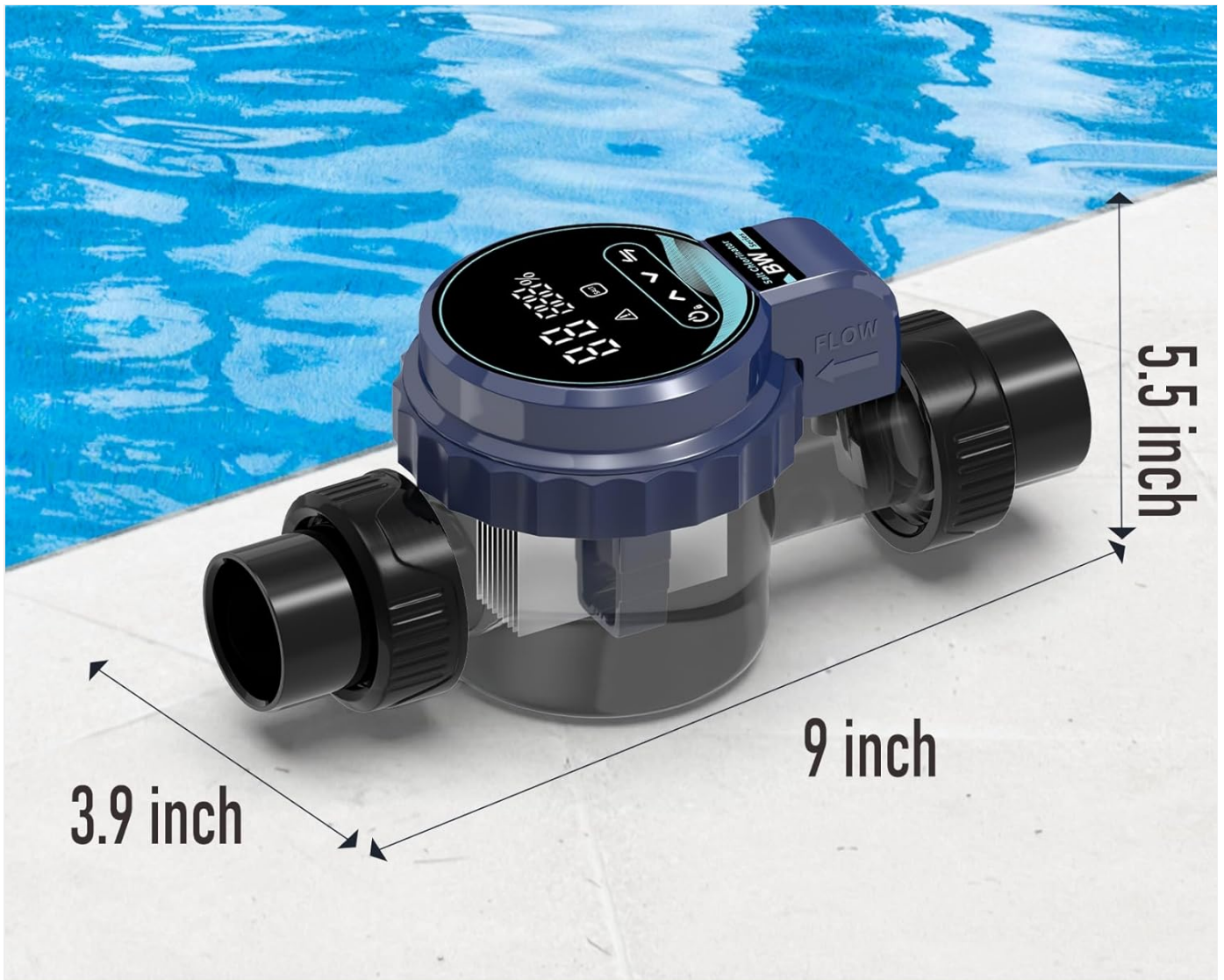
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Video: This video addresses the F8 error code and situations where the product shows no display, providing troubleshooting steps to restore functionality.

## SPECIFICATIONS

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Feature	Specification
Brand	Fengind
Model Number	B0GC7818T7
Chlorine Production	1.1 lb/day (stable output)
Max Pool Volume	11,000 Gallons (approx. 40 m <sup>3</sup> )
Working Voltage	DC24V
Power Input	AC100-240V/50-60HZ
Pipe Compatibility	1.5" (50mm) internal, 1.25"-1.5" (32mm-38mm) external
Self-Cleaning Cycle	4h/8h/12h automatic polarity reversal
Waterproof Rating	IPX5
Operating Temperature	10°C-42°C
Dimensions (approx.)	9 inches (length) x 3.9 inches (width) x 5.5 inches (height)



				
WiFi App Control	Low Salt Alert	IPX5 Waterproof	Self-Cleaning Electrodes	Boost Mode

Image: This diagram illustrates the physical dimensions of the salt chlorine generator (9 inches long, 3.9 inches wide, 5.5 inches high) and lists key specifications such as chlorine production (8 g/h), maximum pool volume ( $\leq 40 \text{ m}^3$ ), working voltage (DC24V), power input (AC100-240V/50-60HZ), pipe options (DN40 or 50 mm), and self-cleaning time settings (4h/8h/12h).

## WARRANTY AND SUPPORT

Your Fengind Salt Chlorine Generator comes with a **3-year service warranty**.

For any issues, questions, or support needs, please refer to the comprehensive user manual included with your product or contact our customer support team. We are committed to providing a fast and satisfactory solution within 12 hours.

Contact information can typically be found on our official website or through your purchase platform.



