Solaxx CLGE40

Solaxx CLGE40 Resilience E Series 40K Gal All-in-1 User Manual

Model: CLGE40

1. INTRODUCTION

This manual provides comprehensive instructions for the installation, operation, and maintenance of the Solaxx CLGE40 Resilience E Series 40K Gal All-in-1 system. Please read this manual thoroughly before attempting to install or operate the unit to ensure safe and efficient use.

The Solaxx CLGE40 is designed to provide efficient water treatment for pools up to 40,000 gallons, integrating multiple functions into a single, compact unit.

2. SAFETY INFORMATION

Always observe the following safety precautions to reduce the risk of injury, electric shock, fire, or damage to the unit.

- **Electrical Safety:** Ensure the unit is connected to a properly grounded outlet. Do not operate with damaged cords or plugs. Disconnect power before servicing.

- **Chemical Handling:** Follow all manufacturer's instructions for handling pool chemicals. Avoid direct contact with skin and eyes.

- **Installation:** Installation must be performed by a qualified professional in accordance with all local and national electrical and plumbing codes.

- **Water Quality:** Maintain proper water chemistry as specified in this manual to ensure optimal performance and longevity of the unit.

- **Children and Pets:** Keep children and pets away from the unit during operation and maintenance.

3. PRODUCT OVERVIEW

Figure 3.1: Front view of the Solaxx CLGE40 Resilience E Series 40K Gal All-in-1 unit. This image displays the main body of the unit, including the control panel with various indicators and buttons, and the transparent cell housing below.

Figure 3.2: Angled view of the Solaxx CLGE40 Resilience E Series 40K Gal All-in-1 unit. This perspective provides a clearer view of the transparent cell, which allows for visual inspection, and the plumbing connection points on either side.

The CLGE40 system integrates a salt chlorine generator with advanced control features. Key components include the control unit, the electrolytic cell, and various sensors for optimal performance.

4. SETUP AND INSTALLATION

4.1 Pre-Installation Checklist

- Verify all components are present and undamaged.
- Ensure adequate space for installation and maintenance.
- Confirm power supply meets unit requirements (refer to specifications).
- Have necessary plumbing tools and materials ready.

4.2 Plumbing Installation

1. Select an appropriate location in the return line after the filter and heater.
2. Cut the existing PVC pipe and install the provided unions.
3. Securely attach the electrolytic cell to the unions, ensuring proper flow direction as indicated on the cell.
4. Apply PVC cement to all connections for a watertight seal. Allow adequate curing time.

4.3 Electrical Connection

1. Ensure power is OFF at the circuit breaker.
2. Connect the control unit to a dedicated, grounded electrical outlet or circuit as per local electrical codes.
3. Connect the cell cable to the control unit.
4. Do not restore power until all connections are secure and the system is filled with water.

5. OPERATING INSTRUCTIONS

5.1 Initial Startup

1. Ensure pool water chemistry is balanced (pH, alkalinity, calcium hardness).
2. Add pool salt to achieve the recommended salinity level (typically 3000-3500 ppm). Allow salt to dissolve completely.
3. Turn on the pool pump.
4. Restore power to the Solaxx CLGE40 unit.
5. Press the "ON/OFF" button to activate the unit.

5.2 Adjusting Chlorine Output

The unit features an adjustable output level to control chlorine production. Use the "+" and "-" buttons on the control panel to increase or decrease the output percentage. Monitor your pool's free chlorine level and adjust as needed to maintain desired sanitation.

5.3 Indicator Lights

- **ON/OFF:** Indicates power status.
- **OUTPUT:** Bar graph showing current chlorine production level.
- **LOW SALT:** Illuminates when salt level is below optimal. Add salt.
- **NO FLOW:** Indicates insufficient water flow through the cell. Check pump and plumbing.
- **COLD WATER:** Illuminates if water temperature is too low for efficient operation.
- **CLEAN CELL:** Indicates the cell requires cleaning.
- **CELL LIFE LOW:** Indicates the electrolytic cell is nearing the end of its lifespan and may need replacement

soon.

6. MAINTENANCE

6.1 Cell Cleaning

The electrolytic cell may accumulate scale deposits over time, reducing efficiency. The "CLEAN CELL" indicator will illuminate when cleaning is required.

1. Turn off the unit and pool pump, and disconnect power.
2. Remove the electrolytic cell from the plumbing.
3. Prepare a cleaning solution of 1 part muriatic acid to 4 parts water in a plastic container *Always add acid to water, never water to acid.*
4. Submerge the cell plates in the solution, ensuring the electrical connections remain dry.
5. Allow to soak until bubbling stops (typically 5-15 minutes). Do not over-soak.
6. Rinse the cell thoroughly with fresh water.
7. Reinstall the cell and restore power.

6.2 Winterization

In areas subject to freezing temperatures, the unit must be properly winterized to prevent damage.

- Disconnect power to the unit.
- Drain all water from the electrolytic cell and plumbing lines connected to the unit.
- Remove the cell and store it in a dry, temperature-controlled environment.

7. TROUBLESHOOTING

Problem	Possible Cause	Solution
"LOW SALT" indicator on	Low salt level in pool water.	Test salt level and add salt as needed. Allow time for dissolution.
"NO FLOW" indicator on	Insufficient water flow through cell.	Check pool pump operation, filter cleanliness, and ensure valves are open.
"CLEAN CELL" indicator on	Scale buildup on cell plates.	Clean the electrolytic cell as per Section 6.1.
Low chlorine output	Low salt, dirty cell, low water temperature, or incorrect output setting.	Check salt level, clean cell, ensure water temperature is adequate, increase output setting.
Unit not powering on	No power supply, tripped breaker, or faulty connection.	Check power outlet, reset circuit breaker, ensure all electrical connections are secure.

8. SPECIFICATIONS

Model: CLGE40 Resilience E Series

Maximum Pool Size: 40,000 Gallons

Manufacturer: Solaxx

Package Dimensions: 12 x 12 x 8 inches

ASIN: B0B96WPR34

Recommended Salt Level: 3000-3500 ppm

Note: Specifications are subject to change without notice.

9. WARRANTY AND SUPPORT

For warranty information, please refer to the warranty card included with your product or visit the official Solaxx website. Keep your proof of purchase for warranty claims.

For technical support, troubleshooting assistance, or to order replacement parts, please contact Solaxx Customer Service:

Website: www.solaxx.com

When contacting support, please have your product model number (CLGE40) and serial number ready.

Documents - Solaxx – CLGE40

[pdf]

Solaxx Resilience E Series All In One Salt System Up to 40 000 Gallons CLGE40 185594 20225249856 poolsupplyunlimited Products Manuals |||
Control panel Replaceable electrolysis cartridge Built in temperature salinity sensors Bi-directional flow sensor Clear cell Order these wonderful alternative sanitizers while supplies last **CLGE40** Resilience E Series 40K All-In-One Try Me Price: 786 Revolutionary Inline Salt System Simplest ...
lang:en score:37 filesize: 1017.32 K page_count: 1 document date: 2022-05-24