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› [VEVOR](#) /

› [VEVOR Salt Water Chlorinator System 25,000 Gallons \(Model 89420005\) Instruction Manual](#)

VEVOR 89420005

VEVOR Salt Water Chlorinator System 25,000 Gallons (Model 89420005) Instruction Manual

1. INTRODUCTION

This manual provides essential information for the safe and efficient installation, operation, and maintenance of your VEVOR Salt Water Chlorinator System, Model 89420005. This system is designed for in-ground swimming pools up to 25,000 gallons, converting salt into chlorine to maintain water sanitation.

Designed for In-Ground Pools



Image 1.1: VEVOR Salt Water Chlorinator System for 25,000-gallon pools.

2. SAFETY INFORMATION

- Always disconnect power to the pool pump and chlorinator before performing any service or maintenance.
- Ensure proper grounding of all electrical components.
- Keep the chlorinator and its power cord away from direct sunlight and extreme temperatures.
- Maintain proper pool chemistry, including salt levels, as specified in the operation section.
- Consult a qualified pool professional for any complex installation or repair procedures.

3. PACKAGE CONTENTS

Upon opening the package, verify that all components are present and undamaged:

- VEVOR Salt Water Chlorinator Cell (Model 89420005)
- 15 ft (4.6 m) Power Cord with Quick-Connect Plug
- 4 x O-ring Seals
- 1 x Pipe Cleaning Hook



Image 3.1: Contents of the VEVOR Salt Water Chlorinator System package.

This video provides an overview of the VEVOR Salt Water Chlorinator System, including unboxing and initial setup considerations for your pool.

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Video 3.1: Unboxing and overview of the VEVOR Salt Water Chlorinator System.

4. SPECIFICATIONS

Feature	Specification
Item Model Number	89420005

Feature	Specification
Applicable Pool Capacity	25,000 Gallons, In-Ground Pools
Chlorine Output	1.01 lbs/day (19.1 g/h)
Power Cord Length	15 ft / 4.6 m
Material (Shell)	ABS
Material (Electrodes)	Titanium Metal
Product Dimensions	13.3 x 4.3 x 5.0 inches (339 x 109 x 128 mm)
Net Weight	4.2 lbs / 1.9 kg



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Chlorine Output: **1.01 lbs/day (19.1 g/h)**

Power Cord Length: **15 ft / 4.6 m**

Material: **Shell: ABS, Electrodes: Titanium Metal**

Product Dimensions: **13.3 × 4.3 × 5.0 in / 339 × 109 × 128 mm**

Net Weight: **4.2 lbs / 1.9 kg**

Accessories:

4 x O-ring Seals

1 x Pipe Cleaning Hook



Image 4.1: Detailed specifications and dimensions of the chlorinator.

5. INSTALLATION

The VEVOR Salt Water Chlorinator System is designed for straightforward installation without requiring modifications to existing plumbing. It should be installed in-line after the pool filter.

5.1 System Flow Diagram

Ensure the chlorinator is installed in the correct sequence within your pool's circulation system: Pool > Pump > Filter

Automatically Convert Salt into Chlorine

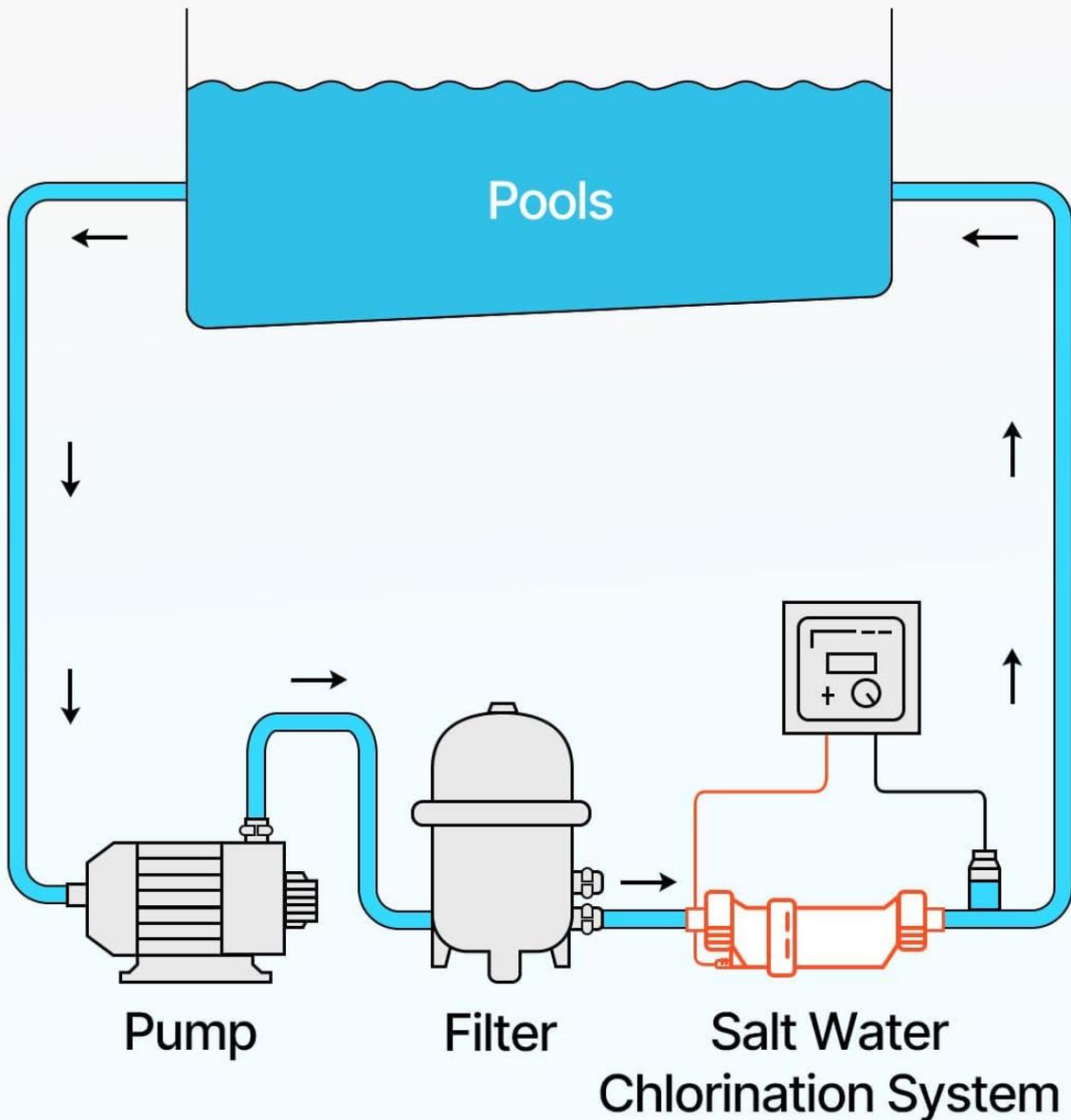


Image 5.1: System flow diagram for chlorinator installation.

5.2 Installation Steps

1. **Prepare the System:** Turn off the pool pump and remove the battery from your existing control system, if applicable.
2. **Remove Old Cell (if applicable):** Disconnect and remove any old salt cell from your plumbing.
3. **Connect New Cell:** Insert the VEVOR Salt Water Chlorinator Cell into the plumbing line after the filter. Ensure the flow direction matches the arrows on the unit. Use the provided O-rings to ensure a watertight seal.
4. **Connect Power:** Plug the quick-connect power cord into the chlorinator and then into the compatible control system.

5. **Verify Compatibility:** This system is compatible with various popular pool systems, including AquaRite, AquaRite Pro, SwimPure Plus, Hayward AquaPlus, ProLogic, and OmniLogic automation systems. Ensure your adapted system version is r1.5 or higher. To check the version, press the diagnostics button on your control 7 times.



Image 5.2: Quick 10-minute installation steps.

6. OPERATION

The VEVOR Salt Water Chlorinator System uses advanced electrolytic technology with titanium plates to convert salt into chlorine, providing continuous water purification.

Pure Chlorine for Lasting Water Purification

Continuous Chlorine Production Without Frequent Cleaning



Image 6.1: Pure chlorine production for water purification.

6.1 Initial Setup and Salt Levels

- Ensure your pool's salt level is maintained between **2700-3400 ppm** (parts per million).
- For pools up to 15,000 gallons, set the chlorinator to operate for approximately **10 hours daily**.
- For pools between 15,000-25,000 gallons, set the chlorinator to operate for approximately **12 hours daily**.
- Adjust operating times based on pool usage, weather conditions, and chlorine demand to maintain desired chlorine levels.

A Clean Swim Environment



No Eyes Irritation



No Bad Smell



Non-Allergic Skin



No Damage to Hair



Color Fast Swimsuit

Image 6.2: Benefits of a clean swim environment with salt chlorination.

7. MAINTENANCE

Regular maintenance ensures the longevity and optimal performance of your chlorinator system.

7.1 Cell Cleaning

It is recommended to clean the chlorinator cell every three months, or more frequently if calcium buildup is observed. Use the included pipe cleaning tool to remove any deposits from the titanium plates. Always follow safety

precautions when handling pool chemicals and cleaning solutions.

Titanium Metal

Efficient and Stable



ABS Case

Corrosion-Resistant



Quick-Connect

Plug System



15 ft/4.6 m

Extended Power Cord



Image 7.1: Features of the chlorinator, including titanium electrodes for efficient operation.

8. TROUBLESHOOTING

If you encounter issues with your VEVOR Salt Water Chlorinator System, consider the following common solutions:

- **Low Chlorine Output:** Check pool salt levels. Ensure they are within the recommended 2700-3400 ppm range. Inspect the cell for scale buildup and clean if necessary. Verify the system's operating hours are sufficient for your pool size.

- **Error Codes:** Refer to your pool control system's manual for specific error code interpretations. Ensure the chlorinator is properly connected and receiving power.
- **Water Flow Issues:** Confirm the pool pump is running and the filter is clean. Ensure there are no obstructions in the plumbing leading to or from the chlorinator cell.
- **Leaking Connections:** Check all pipe connections for tightness. Replace O-rings if they appear worn or damaged.

If problems persist after attempting these steps, contact VEVOR customer support for further assistance.

9. WARRANTY AND SUPPORT

For warranty information and technical support, please refer to the documentation included with your product or visit the official VEVOR website. Keep your purchase receipt for warranty claims.

Contact Information:

- Website: www.vevor.com
- Support: Refer to the website for contact options.