

STOCKER 414

Stocker Geyser Evo 25 L Li-Ion Nebulizer User Manual

Model: 414

1. INTRODUCTION

The Stocker Geyser Evo 25 L Li-Ion Nebulizer is designed for effective pest management in gardens and outdoor areas. This manual provides essential information for the safe and proper use, setup, operation, and maintenance of your nebulizer. Please read all instructions carefully before use.

2. SAFETY PRECAUTIONS

To ensure safe operation and prevent injury or damage, observe the following precautions:

- Keep the sprayer at a safe distance during operation.
- Do not use with aggressive chemicals unless special FPM gaskets are installed.
- Keep out of reach of children and pets.
- Avoid spraying towards eyes or skin.
- Store in a cool, dry place after each use.
- Do not expose to extreme temperatures.
- Always follow the instructions in this user manual for safe and appropriate use.

3. PRODUCT OVERVIEW

The Stocker Geyser Evo 25 L Li-Ion Nebulizer is a battery-powered spraying device with a 25-liter tank, designed for efficient application of liquids in garden environments. It features an 18V Li-Ion battery for cordless operation.







Figure 1: Front view of the Stocker Geyser Evo 25 L Li-Ion Nebulizer.

Key Features:

- **Tank Capacity:** 25 Liters
- **Battery:** 18V Li-Ion, 2.2 Ah capacity
- **Power Source:** Battery Powered
- **Style:** Spray Gun

Included Components:

- Rechargeable Li-Ion Battery
- 25-liter Tank
- 3 Ultra-fine Nebulizing Nozzles
- Special FPM Gaskets
- Shoulder Strap
- Fast Click-in System
- Display for Settings

4. SETUP

Proper setup is crucial for optimal performance and coverage.

4.1 Planning Your Application Area

1. **Measure Your Garden:** Determine the perimeter of your garden and define the area you intend to protect.
2. **Positioning the Geyser:** Select a convenient location for the nebulizer. Plan a path that covers as much of the desired area as possible.
3. **Nozzle Placement:** Position the nozzles approximately 2.5 meters apart along the planned path. Use connectors to create angles for non-linear routes.



Figure 2: Planning and setting up the Geyser System for optimal coverage.

4.2 Choosing the Right Nebulizer

Based on your garden measurements, select the appropriate nebulizer model:

- For areas up to 20 sq meters, a smaller Geyser model may be sufficient.
- For larger areas, consider the 12-liter or 25-liter models.
- The 12-liter model is recommended for systems with linear lengths under 100 meters.
- The 25-liter model (this product) is recommended for systems exceeding 100 linear meters.

Note: Each nebulizer nozzle consumes approximately 0.04 liters per minute.

5. OPERATING INSTRUCTIONS

Follow these steps for proper operation of your nebulizer.

5.1 Charging the Battery

- Ensure the Li-Ion battery is fully charged before first use and subsequent operations.
- Connect the charger to the battery and a power outlet. The display will indicate charging status.

5.2 Filling the Tank

1. Ensure the nebulizer is turned off and disconnected from any power source.
2. Carefully open the tank lid.
3. Pour the chosen liquid into the 25-liter tank. Refer to the liquid manufacturer's instructions for dilution ratios.
4. Securely close the tank lid.

5.3 Choosing the Liquids

Select liquids appropriate for your pest control needs. Always follow the instructions and safety guidelines provided by the liquid manufacturer. Ensure the liquid is compatible with the nebulizer's FPM gaskets if using aggressive chemicals.

5.4 Programming and Operation

1. Attach the shoulder strap for comfortable carrying.
2. Use the display to set the desired spray intervals and duration. The system typically offers preset intervals (e.g., 3, 6, 12, 24 hours).
3. Activate the nebulizer. The system will automatically spray according to your programmed settings.
4. Monitor the liquid level and battery charge via the display.



6. MAINTENANCE

Regular maintenance ensures the longevity and efficiency of your nebulizer.

6.1 Cleaning

- After each use, empty any remaining liquid from the tank.
- Rinse the tank thoroughly with clean water.
- Run clean water through the nozzles to prevent clogging.
- Wipe down the exterior of the unit with a damp cloth.

6.2 Storage

- Store the nebulizer in a cool, dry place, away from direct sunlight and extreme temperatures.
- Ensure the battery is partially charged (around 50%) if storing for extended periods to prolong battery life.

6.3 Battery Care

- Avoid completely draining the Li-Ion battery regularly.
- Charge the battery using only the provided charger.
- Do not expose the battery to water or extreme heat.

7. TROUBLESHOOTING

This section addresses common issues you might encounter.

Problem	Possible Cause	Solution
Nebulizer not spraying	Low battery, empty tank, clogged nozzle, pump malfunction.	Charge battery, refill tank, clean/replace nozzle, contact support.
Low spray pressure	Partially clogged nozzle, low battery, pump issue.	Clean nozzle, recharge battery, contact support.
Battery not charging	Charger not connected, faulty charger/battery.	Ensure secure connection, test charger/battery, contact support.
Leakage	Loose connections, damaged gaskets, cracked tank.	Tighten connections, replace FPM gaskets, inspect tank for damage.

8. SPECIFICATIONS

Detailed technical specifications for the Stocker Geyser Evo 25 L Li-Ion Nebulizer.

- **Brand:** STOCKER
- **Model Number:** 414
- **Manufacturer Part Number:** 414
- **Tank Volume:** 25 Liters

- **Battery:** 18V Li-Ion
- **Battery Capacity:** 2.2 Ah
- **Power Supply:** Battery Powered
- **Maximum Pressure:** 6.5 Bar
- **Color:** Orange
- **Material:** FPM (Fluorocarbon Rubber)
- **Recommended Product Uses:** Garden
- **Style:** Spray Gun

9. WARRANTY AND SUPPORT

Warranty information for the Stocker Geyser Evo 25 L Li-Ion Nebulizer is typically provided separately with your purchase. Please refer to the documentation included in your product packaging for specific warranty terms and conditions.

For technical support, spare parts, or service inquiries, please contact your retailer or visit the official STOCKER website for customer service contact information.