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EVIKA DO EVER BETTER EJ

EVIKA DO EVER BETTER 3.1 Gallon Backpack Battery-Powered Sprayer User Manual

Model: EJ

Introduction Safety Information Components Setup Operation Maintenance Troubleshooting Specifications Warranty & Support

1. Introduction

Thank you for choosing the EVIKA DO EVER BETTER 3.1 Gallon Backpack Battery-Powered Sprayer. This electric sprayer is designed for efficient and convenient application of liquids in your garden and lawn, suitable for weed control, disinfection, and general watering tasks. Its powerful electric pump system and long-lasting lithium battery ensure reliable performance. Please read this manual thoroughly before use to ensure safe and optimal operation.



Figure 1: EVIKA DO EVER BETTER 3.1 Gallon Backpack Battery-Powered Sprayer with accessories.

2. Safety Information

WARNING: Always read and understand all safety warnings and instructions before operating this product. Failure to follow the warnings and instructions may result in electric shock, fire, and/or serious injury.

- Wear appropriate personal protective equipment (PPE) such as gloves, eye protection, and a mask when handling chemicals.
- Do not spray flammable liquids, strong acids, or highly corrosive substances.
- Keep children and pets away from the spraying area.
- Ensure the battery is fully charged before use and disconnect the charger once charging is complete.
- Do not immerse the sprayer's electrical components in water.
- Store the sprayer in a cool, dry place, away from direct sunlight and extreme temperatures.
- Thoroughly clean the sprayer after each use, especially when switching between different types of liquids.

3. Components and Parts List

The EVIKA DO EVER BETTER Backpack Sprayer comes with the following components:

1. Main Sprayer Unit (3.1 Gallon Tank)
2. 10.8V Lithium Battery (pre-installed or separate)
3. Fully-Automatic AC Charger
4. Shoulder Straps (Thickened and Widened)
5. Spray Wand (2 types: 20.47" Stainless Steel Wand, 16.54" PP Wand for Bleach)
6. Multiple Nozzles (5 types: Downward, Fan, Round, Cone, Brass)
7. Instruction Guide (this manual)
8. Washable Water Filter (built-in)



Figure 2: Key features including thickened shoulder straps, hook spring ring design, washable water filter, and thickened back foam pad.



Figure 3: The two included spray wands: 20.47" Stainless Steel Wand and 16.54" PP Wand for Bleach.

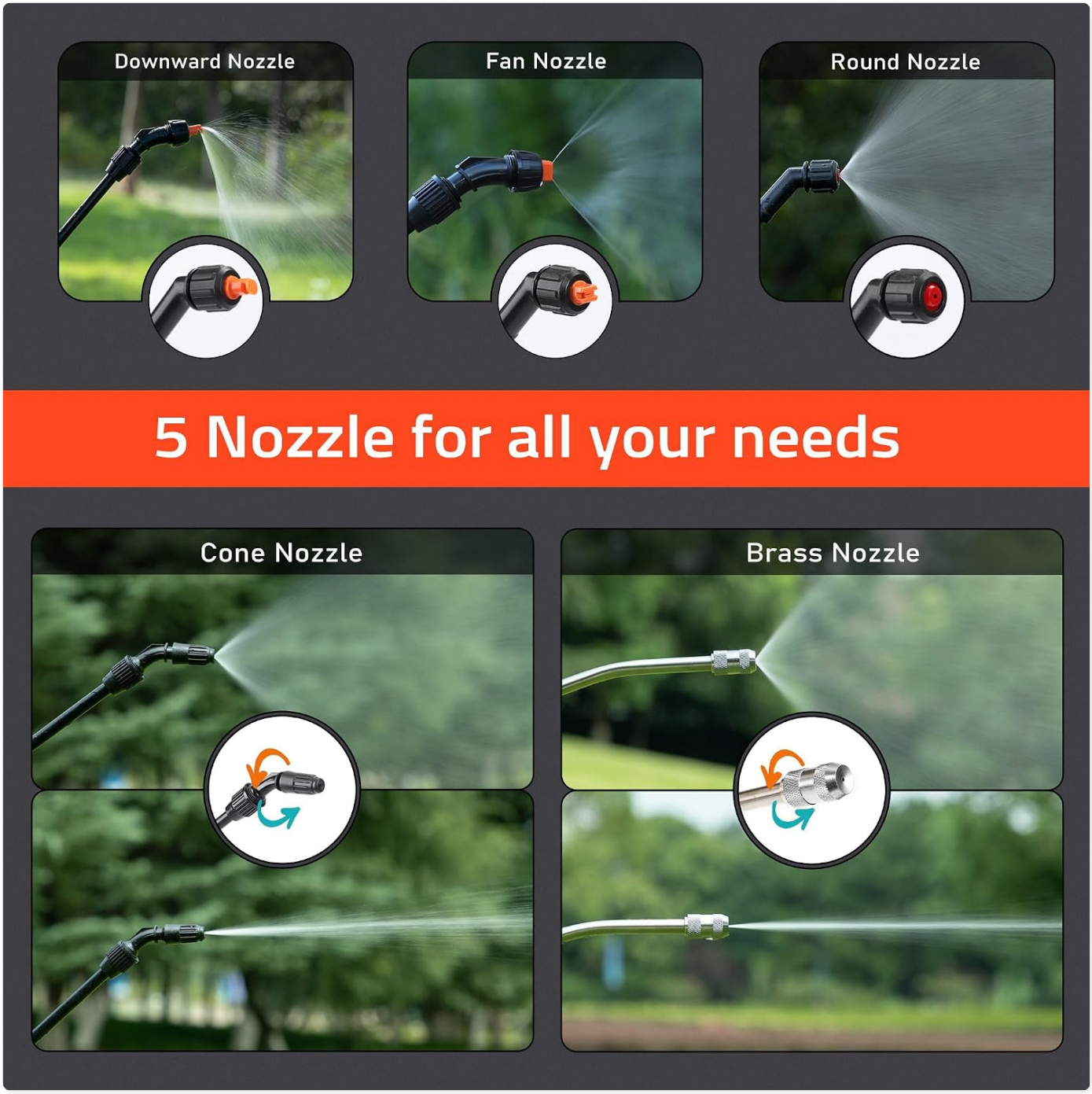


Figure 4: The five versatile nozzle types: Downward, Fan, Round, Cone, and Brass.

4. Setup Instructions

4.1 Charging the Battery

1. Locate the battery compartment on the bottom of the sprayer.
2. Remove the battery pack.
3. Connect the battery to the fully-automatic AC charger.
4. Plug the charger into a standard electrical outlet. The charging indicator light will illuminate.
5. Allow approximately 3 hours for a full charge. The indicator light will change or turn off when charging is complete.
6. Once charged, disconnect the charger and reinsert the battery pack into the sprayer, ensuring it clicks securely into place.



Figure 5: The 10.8V/2.5AH lithium battery, its charging port, and the included AC charger. A full charge takes approximately 2.5 hours and provides 5-6 hours of working time.

4.2 Attaching Shoulder Straps

1. Identify the thickened and widened shoulder straps.
2. Attach the metal hooks of the straps to the designated spring rings on the top sides of the sprayer tank.
3. Adjust the strap length for comfortable carrying on your back.

4.3 Assembling the Spray Wand and Nozzle

1. Select the desired spray wand (Stainless Steel or PP).
2. Choose one of the five nozzle types based on your application needs.
3. Carefully screw the chosen nozzle onto the end of the spray wand until secure. Ensure the O-ring is properly seated to prevent leaks.
4. Connect the spray wand hose to the outlet port on the sprayer unit. Tighten securely.

Your browser does not support the video tag.

Video: High Volume Backpack Battery Power Backpack Sprayer. This video demonstrates the assembly and operation of the sprayer, including filling the tank, attaching the wand, and using the spray function.

5. Operating Instructions

5.1 Filling the Tank

1. Ensure the sprayer is on a stable, level surface.
2. Unscrew and remove the large lid from the top of the tank.
3. Pour the desired liquid into the tank. The large mouth lid and built-in filter help prevent spills and debris from entering.
4. Do not overfill the tank beyond its 3.1-gallon capacity.
5. Securely replace and tighten the lid.

5.2 Starting and Spraying

1. Put on the backpack sprayer, adjusting the shoulder straps for comfort.
2. Locate the power switch on the side of the sprayer unit and turn it to the "ON" position.
3. Hold the spray wand firmly. The ergonomic locking handle allows for comfortable use.
4. To spray, press the T-trigger switch with your palm. The locking handle design provides the choice between continuous or intermittent spraying.
5. Direct the spray towards the target area. Adjust the nozzle for different spray patterns (e.g., fine mist, direct stream).
6. When finished, release the trigger and turn the power switch to "OFF".



Figure 6: The ergonomic locking handle features a non-slip grip and allows for continuous or spot spray modes.

6. Maintenance

6.1 Cleaning the Sprayer

- After each use, thoroughly clean any remaining liquid inside the tank.
- Rinse the tank with clean water.
- Run clean water through the pump and spray wand until all chemical residue is flushed out.
- Remove and clean the washable water filter regularly to prevent clogging.
- Clean the nozzles to ensure proper spray patterns.
- Allow all components to air dry completely before storage.

6.2 Battery Care and Storage

- Recharge the battery every 2 months, even if not in use, to maintain its lifespan.
- Store the battery and sprayer in a cool, dry place, away from direct sunlight and extreme temperatures.

- Do not store the sprayer with liquid in the tank for extended periods.

7. Troubleshooting

Problem	Possible Cause	Solution
Sprayer not turning on.	Battery is not charged or not properly inserted.	Ensure battery is fully charged and securely inserted. Check power switch is ON.
No spray or weak spray.	Clogged nozzle or filter; low liquid level; hose kinked; pump issue.	Clean nozzle and filter. Refill tank. Check hose for kinks. If pump issue persists, contact support.
Leaking from connections.	Loose connections; damaged O-rings.	Tighten all connections. Inspect O-rings for damage and replace if necessary.
Battery not holding charge.	Battery old or damaged; improper charging.	Ensure proper charging procedure. If battery is old, consider replacement.

8. Specifications

Feature	Detail
Brand	EVIKA DO EVER BETTER
Model Name	EJ
Tank Volume	3.1 Gallons (approx. 11.7 Liters)
Color	Green
Material	HDPE
Power Source	Battery Powered (10.8V Lithium Ion)
Battery Capacity	2500mAh
Working Pressure	Up to 2.5 Bar
Flow Rate	Up to 0.4 L/min
Working Time (Full Charge)	Approx. 6 hours
Charging Time	Approx. 3 hours
Item Weight	9.58 pounds (4.35 kg)
Product Dimensions	11 x 7 x 16 inches
Hose Length	51 Inches



Figure 7: Comparison highlighting the robust features of Evika's pump, including higher weight, larger size, longer warranty, and better resistance to acids and alkalis.

9. Warranty & Support

EVIKA DO EVER BETTER offers a 2-year quality coverage for this product. For warranty claims, technical support, or any inquiries regarding your 3.1 Gallon Backpack Battery-Powered Sprayer, please contact our customer service team.

You may also refer to the official PDF user manual for additional details:**Download User Manual (PDF)**

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