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› ONEVAN 20L Electric Backpack Sprayer User Manual

ONEVAN sku4C0076O

ONEVAN 20L Electric Backpack Sprayer User Manual

Model: sku4C0076O

1. INTRODUCTION

Thank you for choosing the ONEVAN 20L Electric Backpack Sprayer. This manual provides essential information for the safe and efficient operation, maintenance, and troubleshooting of your sprayer. Please read it thoroughly before first use and keep it for future reference.



Figure 1.1: ONEVAN 20L Electric Backpack Sprayer in use.

1.1 Important Safety Information

- Always wear appropriate personal protective equipment (PPE) including gloves, eye protection, and a mask when operating the sprayer.
- Do not spray flammable liquids or corrosive chemicals. Use only approved liquids for spraying.
- Ensure the power switch is OFF before inserting or removing the battery, or performing any maintenance.
- Keep the sprayer away from children and pets.
- Do not immerse the battery or charger in water.
- Store the sprayer in a cool, dry place, away from direct sunlight and extreme temperatures.

1.2 Package Contents

Verify that all items are present in the package:

- 20L Sprayer Tank with Backpack Straps

- Telescopic Spray Wand
- 5 Interchangeable Nozzles (Wind-break, Double Head, Conical, Fan, Jet)
- 2 x 20V 3.0Ah Lithium-ion Batteries
- Battery Charger
- Hose and Connectors
- Strainer/Filter for Tank Opening
- Spare Seals/Gaskets

5 TYPES D'EMBOUTS

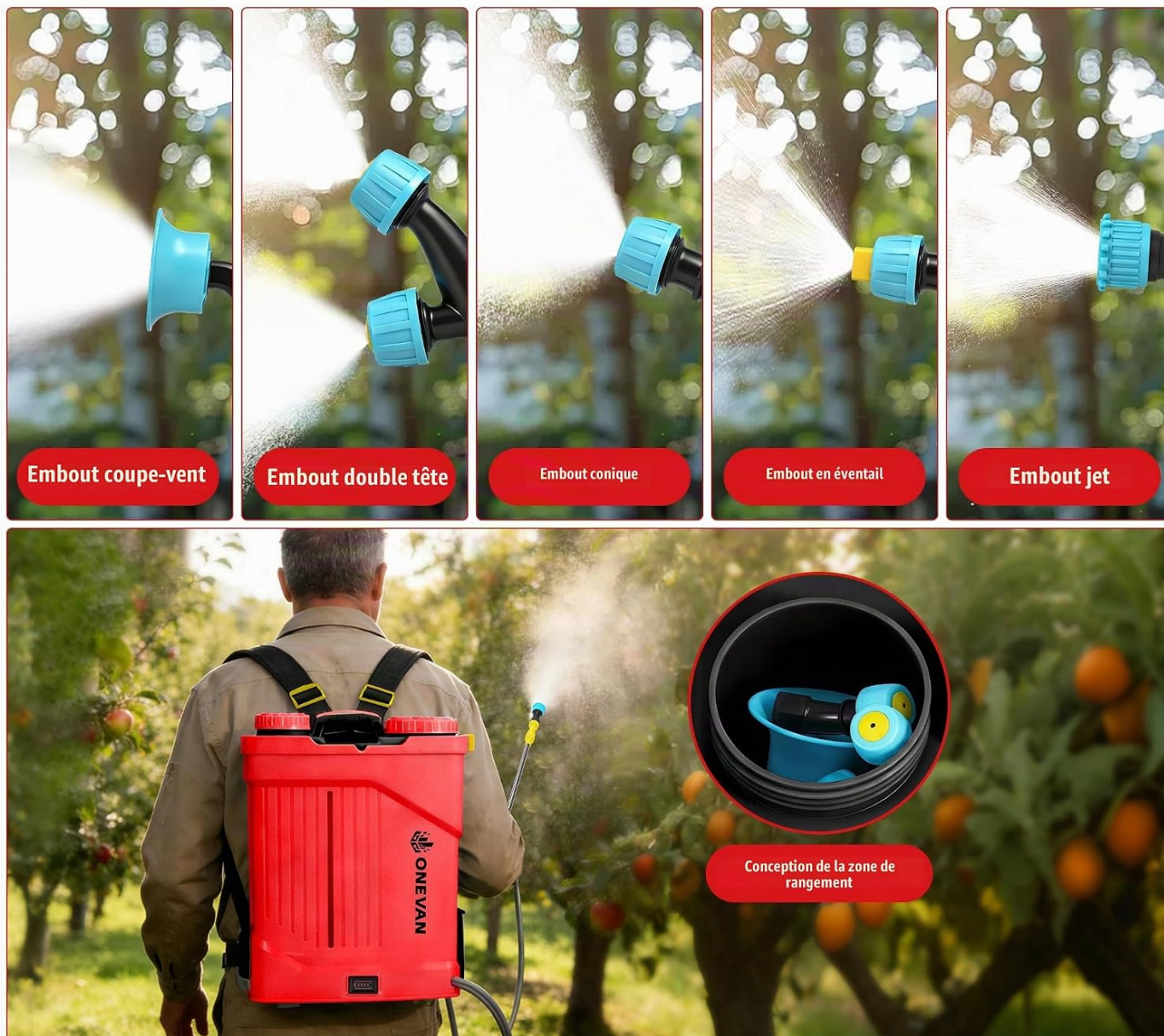


Figure 1.2: Included nozzle types for various spray patterns.

DÉTAILS DU PRODUIT



Grande zone de rangement



Manche télescopique



Verrou de gâchette



Couvercle à large ouverture avec passoire



Batterie détachable 20V/2x3.0Ah

Figure 1.3: Key components of the ONEVAN Electric Sprayer.

2. SETUP

2.1 Assembly

1. Attach the hose to the sprayer tank outlet and the spray wand handle. Ensure connections are secure to prevent leaks.
2. Select the desired nozzle and screw it onto the end of the spray wand.
3. Adjust the backpack straps for a comfortable and balanced fit. The ergonomic design with padded straps and lumbar support helps distribute weight evenly.

BRETELLE DE SAC À DOS CONFORTABLE



Bretelle d'épaule respirante



Sangle réglable



Lombaire pour un soutien supplémentaire



Figure 2.1: Ergonomic backpack strap features for comfort.

2.2 Battery Charging and Installation

1. Before first use, fully charge both 20V 3.0Ah batteries using the provided charger. The charging indicator light on the battery will show its status (e.g., red for charging, green for fully charged).
2. Ensure the sprayer's power switch is in the OFF position.
3. Insert a fully charged battery into the battery compartment on the side of the sprayer. Ensure it clicks securely into place.



Figure 2.2: Battery installation and tank opening.

2.3 Filling the Tank

1. Unscrew the large lid on top of the tank.
2. Pour the desired liquid into the 20L tank. Use the integrated strainer to prevent debris from entering the tank and clogging the system.
3. Securely replace the lid.

3. OPERATING INSTRUCTIONS

3.1 General Operation

1. With the tank filled and battery installed, turn the main power switch ON.
2. Press the trigger on the spray wand handle to begin spraying. Release the trigger to stop.
3. For continuous spraying, engage the trigger lock on the handle.



Figure 3.1: Spray wand trigger and lock mechanism.

3.2 Adjusting Spray Pressure

The sprayer features an adjustable pressure dial, allowing you to select a spray pressure from 0 to 100 PSI (approximately 6.8 bar) for various applications.

1. Locate the pressure adjustment dial on the sprayer unit.
2. Turn the dial to increase or decrease the spray pressure as needed. Higher pressure is suitable for reaching distant areas or for a finer mist, while lower pressure is ideal for closer, more controlled application.



MAX 100 PSI
(env. 6,8 bar)

PRESSION DE PULVÉRISATION



Figure 3.2: Spray pressure comparison and maximum pressure capability.

JET PUISSANT RÉGLABLE DE 0 À 100 PSI



Figure 3.3: Pressure adjustment dial and power switch.

3.3 Changing Nozzles

The sprayer comes with 5 different nozzles to suit various spraying tasks:

- **Wind-break Nozzle:** Reduces drift in windy conditions.
- **Double Head Nozzle:** Provides wider coverage.
- **Conical Nozzle:** Creates a fine, cone-shaped mist.
- **Fan Nozzle:** Produces a flat, fan-shaped spray for even coverage.
- **Jet Nozzle:** Delivers a powerful, concentrated stream.

To change a nozzle, simply unscrew the current nozzle from the spray wand and screw on the desired one. Ensure it is hand-tightened to prevent leaks.



Figure 3.4: The five interchangeable nozzle types.

3.4 Using the Agitator Function

The integrated agitator function ensures a homogeneous mixture of liquids within the tank, preventing settling of chemicals or fertilizers. This function operates automatically when the sprayer is on.

SYSTÈME DE MÉLANGE INTÉGRÉ

Mélange automatique des liquides avec une fonction de mélange à une touche



Figure 3.5: Integrated mixing system with agitator.

4. MAINTENANCE

4.1 Cleaning

1. After each use, empty any remaining liquid from the tank.
2. Rinse the tank thoroughly with clean water. Operate the sprayer with clean water for a few minutes to flush the pump, hose, and wand.
3. Clean the nozzles and strainer to remove any residue.
4. Wipe the exterior of the sprayer with a damp cloth. Do not use harsh chemicals.

4.2 Storage

- Ensure the sprayer is clean and dry before storage.
- Remove the battery from the sprayer if storing for an extended period. Store batteries in a cool, dry place.

- Store the sprayer in a protected area, away from freezing temperatures and direct sunlight.

5. TROUBLESHOOTING

This section addresses common issues you might encounter with your ONEVAN Electric Backpack Sprayer.

Problem	Possible Cause	Solution
Sprayer does not turn on.	Battery not charged or improperly installed; Power switch off; Loose connection.	Ensure battery is fully charged and correctly inserted. Check main power switch. Verify all connections are secure.
No spray or weak spray.	Clogged nozzle; Low liquid level; Air in system; Low battery; Pressure dial set too low.	Clean or replace nozzle. Refill tank. Prime pump by spraying water. Charge battery. Adjust pressure dial.
Sprayer leaks.	Loose connections; Damaged seals/gaskets.	Tighten all connections. Inspect and replace any damaged seals or gaskets (spare seals are included).
Sprayer turns on automatically when battery is inserted.	Main power switch or trigger switch was left ON.	Always ensure the main power switch and the trigger switch on the wand are in the OFF position before inserting the battery.

6. SPECIFICATIONS

Feature	Specification
Brand	ONEVAN
Model Number	sku4C0076O
Tank Volume	20 Liters (approx. 5.3 Gallons)
Power Source	Battery Powered
Battery Type	2 x 20V 3.0Ah Lithium-ion
Max Spray Pressure	100 PSI (approx. 6.8 bar)
Flow Rate	3.5 L/min (constant)
Agitator Function	Integrated Automatic Agitator
Nozzles Included	5 (Wind-break, Double Head, Conical, Fan, Jet)
Product Dimensions (L x H)	41 cm x 49.5 cm (approx. 16.1 in x 19.5 in)
Material	Durable Plastic, Rubber
Manufacturer	Nantong Qizao Electric Tools Co., Ltd

Feature	Specification
Country of Origin	China

DIMENSIONS DU PRODUIT

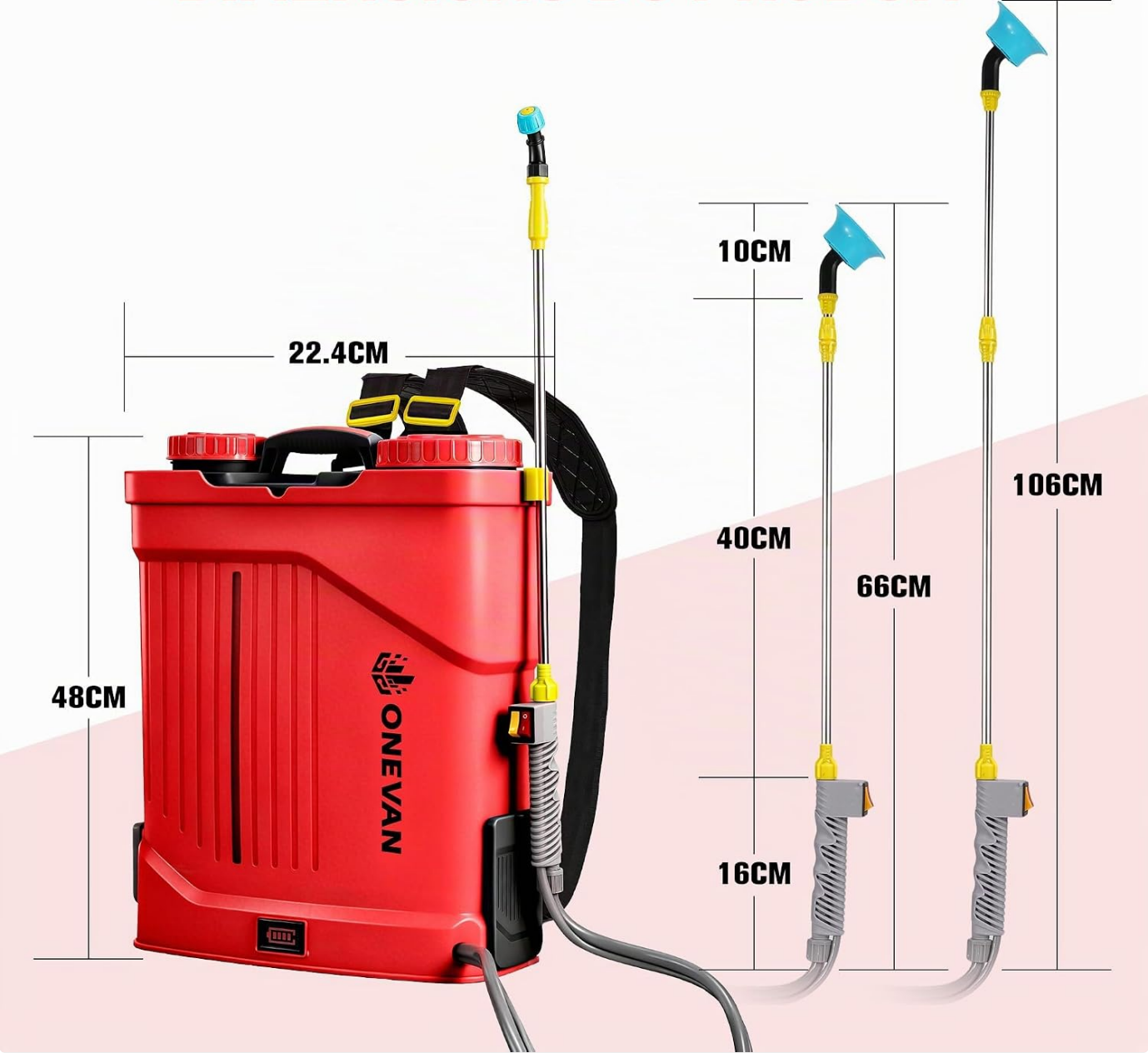


Figure 6.1: Product dimensions.

7. WARRANTY AND CUSTOMER SUPPORT

7.1 Warranty Information

This product is covered by a manufacturer's warranty against defects in materials and workmanship. Please refer to the warranty card included in your package or contact customer support for specific warranty terms and conditions.

7.2 Customer Support

For any questions, technical assistance, or warranty claims, please contact ONEVAN customer support through your retailer or the official ONEVAN website. Have your model number (sku4C0076O) and purchase date ready when contacting support.

ASK A QUESTION ABOUT THIS MANUAL

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. [Privacy details](#).

Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question