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> VEVOR 63CC 3HP Gas Powered Backpack Fogger Sprayer User Manual

VEVOR Gas Powered Backpack Sprayer

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Model: Gas Powered Backpack Sprayer

INTRODUCTION

This manual provides essential instructions for the safe and efficient operation, maintenance, and troubleshooting of your VEVOR 63CC 3HP Gas Powered Backpack Fogger Sprayer. This powerful tool is designed for effective application of liquids and powders in various outdoor settings, including gardens, farms, and for pest control. Please read this manual thoroughly before initial use and retain it for future reference.



Image: A user operating the VEVOR Backpack Fogger Sprayer in a field, demonstrating its powerful and efficient coverage.

SAFETY INFORMATION

Always prioritize safety when operating gas-powered equipment. Failure to follow safety instructions can result in serious injury or property damage.

- **Read the Entire Manual:** Understand all operating procedures and safety warnings before use.
- **Personal Protective Equipment (PPE):** Always wear appropriate PPE, including eye protection, hearing protection (earmuffs), gloves, and a respirator when handling chemicals.
- **Fuel Handling:** Handle gasoline with extreme care. Store fuel in approved containers, away from ignition sources. Refuel in a well-ventilated area with the engine off and cool.
- **Chemical Handling:** Follow all instructions and safety warnings provided by the chemical manufacturer. Do not mix incompatible chemicals.
- **Ventilation:** Operate the sprayer in well-ventilated outdoor areas. Avoid inhaling fumes.

- **Stability:** Ensure the sprayer is on a stable, level surface during refueling and maintenance.
- **Children and Bystanders:** Keep children, pets, and bystanders away from the operating area.
- **Maintenance:** Perform all maintenance tasks with the engine off and spark plug wire disconnected to prevent accidental starting.

Ergonomic Design & Details

Work Longer with Less Fatigue



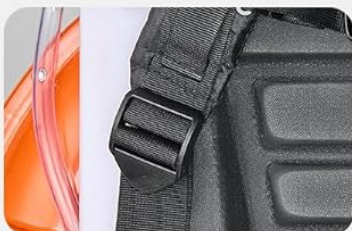
**Thickened
Shoulder Straps**



**Comes with
Gloves & Ear Muffs**



**Padded
Back Support**



**Adjustable
Straps**



Image: Ergonomic design features including thickened shoulder straps, padded back support, and adjustable straps for user comfort and safety during operation. Earmuffs and gloves are also shown as included safety accessories.

WHAT'S IN THE BOX

Your VEVOR Backpack Fogger Sprayer package includes the following components:

- 1 x Blower Tube (HDPE, Ø83 × 388 mm, Black)
- 1 x Connector Assembly (Black)
- 1 x Hose (EVA, Ø108 × 272 mm, Black)
- 1 x Long Bent Tube (HDPE, Ø87 × 400 mm, Black)
- 1 x Oil Jug (HDPE, White)
- 1 x Powder Down Tube (HDPE, Ø44 × 280 mm, White)
- 1 x Powder Tank (HDPE, White)
- 1 x Socket
- 1 x Spray Nozzle Assembly (Black)
- 1 x Static Chain (Metal, 1.4 m)
- 1 x User Manual (this document)
- 1 x Water Switch
- 1 x Wind Shield (PP, Ø89 × 89 mm, Black)
- 2 x Soft Polyethylene Tube (PVC, Ø10 × 1.5 × 750 mm, Transparent)
- 4 x Snap Rings (Metal)
- Ear Protectors
- Gloves

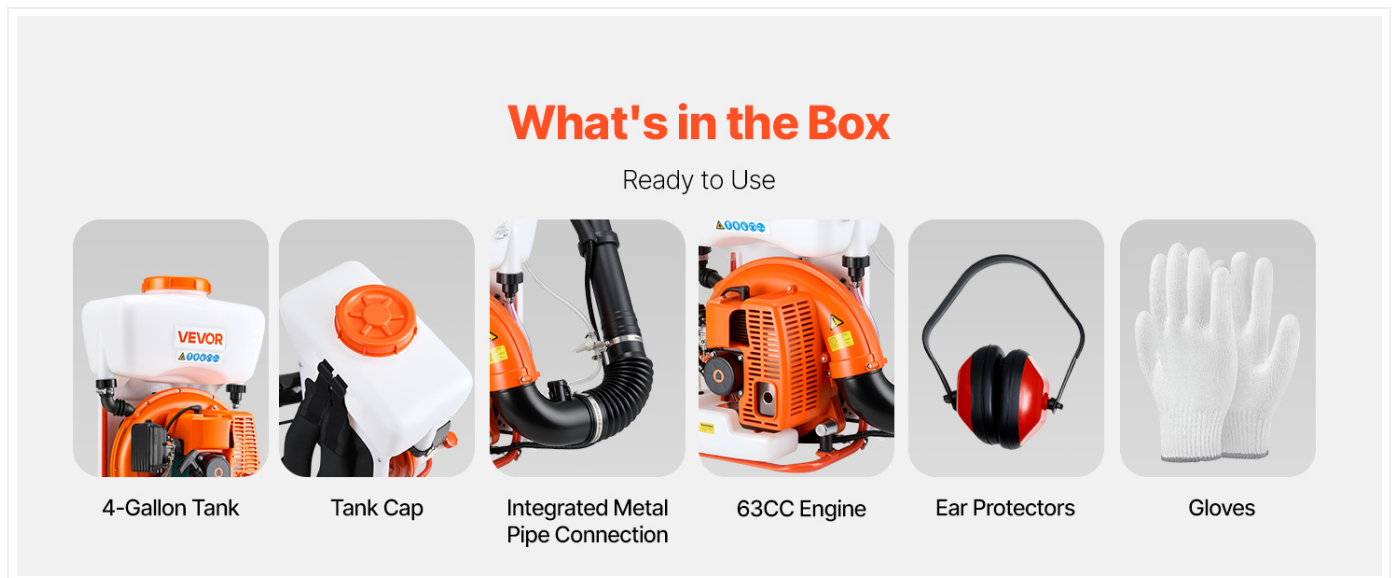


Image: Visual representation of the components included in the box, such as the 4-gallon tank, tank cap, integrated metal pipe connection, 63CC engine, ear protectors, and gloves.

SETUP

Follow these steps to assemble and prepare your fogger sprayer for use.

1. **Attach Blower Tube:** Securely connect the blower tube to the engine outlet. Use the provided snap rings to ensure a tight seal.
2. **Install Handle Switch:** Attach the handle switch assembly to the blower tube at a comfortable position. Ensure all

cables are routed correctly and secured.

3. **Connect Liquid/Powder Hoses:** Connect the appropriate soft polyethylene tubes from the liquid or powder tank to the spray nozzle assembly and the engine unit as per the diagram. Ensure all connections are firm to prevent leaks.
4. **Fuel Mixing:** Use 92# gasoline or ethanol gasoline of equivalent grade (ethanol content $\leq 10\%$) mixed with two-stroke engine oil (JASO-FC or above) at a 50:1 volume ratio. Use the provided oil jug for accurate measurement.
5. **Fill Tank:** Carefully fill the liquid or powder tank with your desired solution or powder. Do not overfill.

Quick Start, Easy Spraying



Fuel Start-Up



Handle Switch Installation



Atomization Tube Installation

Fuel Mixing Instructions: Use 92# gasoline or ethanol gasoline of equivalent grade (ethanol content $\leq 10\%$) mixed with two-stroke engine oil (JASO-FC or above) at a 50:1 volume ratio.

Image: Visual guide for initial setup, including fuel preparation, handle switch attachment, and atomization tube assembly.

Your browser does not support the video tag.

Video: Official VEVOR video demonstrating the assembly and initial setup of the Gas Powered Backpack Sprayer.

OPERATING INSTRUCTIONS

Before starting, ensure all connections are secure and the tank is filled with the appropriate substance.

1. Starting the Engine:

- Place the sprayer on a flat, stable surface.
- Push the handle switch to the "START" position.
- Pull the rebound starter cord firmly until the engine starts.
- Allow the engine to warm up for a few moments.

2. **Wearing the Sprayer:** Carefully lift the sprayer and position it on your back, adjusting the padded shoulder straps and chest strap for a comfortable and secure fit.

3. Spraying Operation:

- Engage the throttle control on the handle to begin spraying.
- Adjust the throttle to control the spray intensity and distance.
- Direct the spray nozzle towards the target area, maintaining a safe distance.
- For liquid applications, ensure the liquid flow switch is open. For powder applications, ensure the powder tank is properly connected and the liquid flow is off.

4. **Stopping the Engine:** Release the throttle and push the handle switch to the "STOP" position.



Image: Detailed view of the precise and stable spraying controls, including the safety lock, throttle control, and adjustable grip for optimal handling.



Image: A user demonstrating the sprayer's ability to provide farther and more even spraying, suitable for large areas like farms.

MAINTENANCE

Regular maintenance ensures optimal performance and extends the lifespan of your sprayer.

- **Cleaning:** After each use, thoroughly rinse the liquid tank and spray lines with clean water, especially when switching between different chemicals. For powder applications, ensure the powder tank and tubes are clear of residue.
- **Air Filter:** Regularly inspect and clean the air filter. A clogged air filter can reduce engine performance.
- **Spark Plug:** Check the spark plug periodically for wear and proper gap. Replace if necessary.
- **Fuel Filter:** Inspect the fuel filter for debris and replace if clogged.
- **Storage:** When storing for extended periods, drain all fuel from the tank and carburetor. Clean the exterior of the unit. Store in a cool, dry place away from direct sunlight and out of reach of children.

TROUBLESHOOTING

Refer to this section for common issues and their solutions.

Problem	Possible Cause	Solution
Engine will not start	No fuel or incorrect fuel mixture Spark plug fouled or damaged Clogged fuel filter Switch in "STOP" position	Check fuel level and mixture (50:1 gasoline to 2-stroke oil) Clean or replace spark plug Replace fuel filter Move switch to "START" position
Weak or no spray	Clogged nozzle Low liquid/powder level Hose kinked or disconnected Throttle not fully engaged	Clean the spray nozzle Refill tank Check and secure all hose connections Increase throttle setting
Engine runs poorly	Dirty air filter Incorrect fuel mixture Spark plug issue	Clean or replace air filter Verify correct fuel mixture Inspect and replace spark plug if needed

SPECIFICATIONS

Key technical specifications for the VEVOR Backpack Fogger Sprayer:

- **Brand:** VEVOR
- **Model Name:** Backpack Fogger Sprayer
- **Model Number:** Gas Powered Backpack Sprayer
- **Engine:** 63CC 3HP
- **Tank Volume:** 4 Gallons (16 Liters)
- **Color:** White + Orange
- **Material:** Metal, Plastic (HDPE for tank)
- **Item Weight:** 26.9 Pounds (12.2 kg)
- **Item Dimensions (W x H):** 11.42"W x 25.98"H (290 x 660 mm)
- **Hose Length:** 59.06 Inches (1.4 m)
- **Power Source:** Gas Powered
- **Recommended Uses:** Pest Control, Watering, Gardening, Farming

Product Information

Item Model Number:

3WF-16E

Color:

White + Orange

Tank Capacity:

4 gal / 16 L

Tank Material:

HDPE

Net Weight:

12.2 kg / 26.98 lb

Product Dimensions:

19.29 × 11.42 × 25.98 in

/ 490 × 290 × 660 mm

Spray Tube Length:

55.12 in / 1.4 m



Image: Product information detailing model number, color, tank capacity, net weight, dimensions, and spray tube length.

WARRANTY & SUPPORT

For warranty information, technical support, or to purchase replacement parts, please contact VEVOR customer service directly. Refer to the contact information provided with your product packaging or visit the official VEVOR website.

Official VEVOR Store: [Visit the VEVOR Store on Amazon](#)

