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Fimco LG-65-HP

Fimco LG-65-HP 65-Gallon Spot Sprayer User Manual

Model: LG-65-HP

INTRODUCTION

The Fimco LG-65-HP 65-Gallon Spot Sprayer is engineered for efficient and versatile application of liquids in various settings, including garden care, pest control, weed management, and the distribution of chemicals or fertilizers. Its robust design and high-performance components ensure reliable operation for both residential and light commercial use. This manual provides essential information for the safe and effective setup, operation, and maintenance of your Fimco spot sprayer.

SAFETY INFORMATION

Always prioritize safety when operating the sprayer. Failure to follow these guidelines may result in personal injury or damage to the equipment.

- **Chemical Handling:** Handle all chemicals safely. Always read and follow the instructions and safety warnings provided by the chemical manufacturer.
- **Personal Protective Equipment (PPE):** Wear appropriate protective gear, including eye protection, gloves, and suitable clothing, to prevent contact with sprayed materials.
- **Ventilation:** Use the sprayer in well-ventilated areas to avoid inhaling chemical fumes.
- **Disposal:** Dispose of unused chemicals and rinse water properly according to local regulations and chemical manufacturer guidelines.
- **Electrical Safety:** Ensure all electrical connections to the 12V pump are secure and free from corrosion. Do not operate the pump if wiring is damaged.
- **Stability:** Ensure the sprayer tank is securely mounted or placed on a stable, level surface before filling or operating to prevent tipping.
- **Children and Pets:** Keep children and pets away from the sprayer and spraying area during operation and while chemicals are present.

COMPONENTS OVERVIEW

The Fimco LG-65-HP Spot Sprayer includes several key components designed for optimal performance and ease of use.



An overhead view of the Fimco LG-65-HP 65-gallon spot sprayer. The white polyethylene tank is visible, with the black 22-inch Pro Series spray wand, coiled 25-foot hose, and pressure gauge mounted on top. The pump assembly is also visible near the front of the tank.

Included Components:

- **65-Gallon Polyethylene Tank:** Durable, UV-resistant tank designed for chemical compatibility and longevity. Features a 5-inch tethered lid for easy access and draining.
- **12-Volt High Flo High Performance Pump:** Provides a maximum flow rate of 4.5 GPM and a maximum pressure of 60 psi for consistent spray.
- **22-inch Pro Series Spray Wand:** Equipped with an adjustable spray pattern tip and trigger, capable of up to 38 feet horizontal and 27 feet vertical spray.
- **25 feet of 3/8 inch Hose:** Provides ample reach for various spraying tasks.
- **Pressure Control Manifold:** Allows for fine-tuning of the spray pattern and pressure.

SETUP INSTRUCTIONS

Proper setup is crucial for the safe and effective operation of your sprayer.

1. Unpacking and Inspection:

1. Carefully remove all components from the packaging.
2. Inspect all parts for any signs of damage during shipping. Contact your retailer immediately if any damage is found.
3. Ensure all listed components are present.

2. Mounting and Placement:

- The sprayer is compatible with UTVs and pickup beds. Securely mount the tank using appropriate straps or fasteners to prevent movement during transport and operation.
- If using as a stationary unit, place it on a firm, level surface.

3. Electrical Connection:

- Connect the 12V pump's power leads to a compatible 12-volt power source (e.g., vehicle battery).
- Ensure the positive (+) lead is connected to the positive terminal and the negative (-) lead to the negative terminal.
- Verify connections are tight and free from corrosion.

4. Hose and Wand Connection:

- Connect the 25-foot hose to the pump outlet and the 22-inch Pro Series spray wand.
- Ensure all connections are hand-tightened to prevent leaks.

OPERATING INSTRUCTIONS

Follow these steps for effective and safe operation of your Fimco spot sprayer.

1. Filling the Tank:

1. Ensure the sprayer is on a level surface.
2. Remove the 5-inch tethered lid.
3. Carefully pour the desired liquid (water, chemical mixture) into the tank. Do not overfill.
4. Replace the lid securely.

2. Pre-Operation Checklist:

- Verify all hose connections are secure.
- Check the 12V power connection.
- Ensure the spray area is clear of unintended targets.

3. Spraying Procedure:

1. Turn on the 12V pump. The pump will begin to build pressure.
2. Aim the spray wand at the target area.
3. Depress the trigger on the spray wand to begin spraying.
4. Release the trigger to stop spraying.

4. Adjusting Spray Pattern and Pressure:

- The 22-inch Pro Series spray wand features an adjustable tip. Rotate the tip to change the spray pattern from a fine mist to a solid stream.
- Use the pressure control manifold to fine-tune the operating pressure, allowing for precise application.

5. Post-Operation Procedure:

- After use, turn off the 12V pump.
- Relieve any remaining pressure in the system by briefly depressing the spray wand trigger.
- Disconnect the 12V power source.
- Clean the sprayer thoroughly as described in the Maintenance section.

MAINTENANCE

Regular maintenance ensures the longevity and optimal performance of your Fimco sprayer.

1. Cleaning the Sprayer:

- After each use, especially when spraying chemicals, rinse the tank thoroughly with clean water.
- Run clean water through the pump, hose, and spray wand for several minutes to flush out any chemical residue.
- For stubborn residues, use a mild detergent solution followed by a clean water rinse.
- Ensure the tank is completely drained and dry before storage.

2. Winter Storage:

- Before storing for winter, completely drain all liquids from the tank, pump, and hoses.
- Run RV antifreeze (non-toxic) through the pump and lines to prevent freezing and damage.
- Store the sprayer in a dry, protected area away from freezing temperatures.

3. Pump Care:

- Periodically check the pump's inlet screen for debris and clean as necessary.
- Inspect electrical connections for corrosion and clean with a wire brush if needed.

4. Hose and Wand Inspection:

- Regularly inspect the hose for cracks, kinks, or leaks. Replace if damaged.
- Check the spray wand tip for clogs and clean with a small brush or needle if necessary.

TROUBLESHOOTING

This section provides solutions to common issues you might encounter with your sprayer.

Problem	Possible Cause	Solution
Pump not running	No power to pump; Loose electrical connection; Blown fuse	Check 12V power source; Secure connections; Replace fuse if necessary
No spray or low pressure	Clogged spray tip; Kinked hose; Low liquid level; Clogged pump inlet screen; Air in system	Clean spray tip; Straighten hose; Refill tank; Clean inlet screen; Prime pump by running with wand open
Leaking connections	Loose fittings; Damaged O-rings/gaskets	Tighten all connections; Inspect and replace O-rings or gaskets if worn
Inconsistent spray pattern	Partially clogged spray tip; Incorrect pressure setting	Clean spray tip thoroughly; Adjust pressure using the control manifold

TECHNICAL SPECIFICATIONS

Feature	Specification
Brand	Fimco
Model Number	LG-65-HP
Tank Volume	65 Gallons
Power Source	12V DC
Pump Type	High Flo High Performance
Maximum Flow Rate	4.5 GPM (Gallons Per Minute)
Maximum Pressure	60 PSI (Pounds per Square Inch)

Feature	Specification
Hose Length	25 Feet (3/8 inch)
Spray Wand Length	22-inch Pro Series
Horizontal Spray Distance	Up to 38 feet
Vertical Spray Distance	Up to 27 feet
Tank Material	UV-Resistant Polyethylene
UPC	733029123824




WARRANTY AND CUSTOMER SUPPORT

For specific warranty information regarding your Fimco LG-65-HP Spot Sprayer, please refer to the warranty card included with your purchase or visit the official Fimco website. Warranty terms and conditions may vary.

If you require technical assistance, replacement parts, or have questions not covered in this manual, please contact Fimco customer support or your authorized dealer. Contact details can typically be found on the manufacturer's website or your purchase documentation.

Note: Always provide your product model number (LG-65-HP) and serial number (if applicable) when contacting support to expedite assistance.

Related Documents - LG-65-HP

	<p>FIMCO LG-65-7-UTV Owner's Manual: Assembly, Operation, and Maintenance Guide</p> <p>Comprehensive owner's manual for the FIMCO LG-65-7-UTV (5302947) 65-gallon UTV sprayer. Includes detailed assembly instructions, operating procedures, maintenance tips, troubleshooting guide, and warranty information.</p>
	<p>FIMCO LG-2500-303 25 Gallon Lawn & Garden Trailer Sprayer Owner's Manual</p> <p>Comprehensive owner's manual for the FIMCO LG-2500-303 25 Gallon Lawn & Garden Trailer Sprayer. This guide covers assembly, operation, testing, troubleshooting, technical specifications, and parts identification for optimal use and maintenance.</p>
	<p>FIMCO LG-40-DLX 40 Gallon Deluxe Lawn & Garden Spot Sprayer Owner's Manual and Troubleshooting Guide</p> <p>Comprehensive owner's manual for the FIMCO LG-40-DLX (5302186) 40 Gallon Deluxe Lawn & Garden Spot Sprayer. Includes detailed information on operation, testing, maintenance, winter storage, troubleshooting, parts list, and warranty.</p>

	<p>FIMCO LG-2500-303 25 Gallon Lawn & Garden Trailer Sprayer Owner's Manual</p> <p>Comprehensive owner's manual for the FIMCO LG-2500-303 25 Gallon Lawn & Garden Trailer Sprayer, covering assembly, operation, testing, maintenance, troubleshooting, and parts identification.</p>
	<p>FIMCO 25-3N-TRL-GS (5303649) Owner's Manual: Operation, Assembly, and Maintenance</p> <p>Comprehensive owner's manual for the FIMCO 25-3N-TRL-GS (5303649) 25 Gallon 3-Nozzle Lawn & Garden Trailer Sprayer. Includes assembly instructions, operation guide, technical specifications, maintenance tips, troubleshooting, and warranty information.</p>
	<p>FIMCO LG-40-3PT-PRO 3-Point Sprayer Owner's Manual</p> <p>Comprehensive owner's manual for the FIMCO LG-40-3PT-PRO 3-Point Sprayer. Includes assembly instructions, operation guidelines, maintenance tips, troubleshooting, and parts lists for this 40-gallon, 12-volt sprayer.</p>