

Scotts 190661

Scotts Elite 18V Lithium-Ion Powered Backpack 4 Gallon Sprayer User Manual

Model: 190661

INTRODUCTION

This manual provides essential information for the safe and effective operation, maintenance, and troubleshooting of your Scotts Elite 18V Lithium-Ion Powered Backpack 4 Gallon Sprayer. Please read this manual thoroughly before initial use and retain it for future reference.

The Scotts Elite Pump Zero Sprayer is a 4-gallon, 18V lithium-ion battery-powered backpack sprayer designed for typical landscape applications. It operates without manual pumping, maintaining a pre-set spraying pressure of 40 PSI at 0.2 GPM. Key components include a poly wand, adjustable nozzle, heavy-duty reinforced hose, and a pressure valve.

SAFETY INFORMATION

Always prioritize safety when operating any power tool. While specific safety warnings are typically provided with the product, general precautions include:

- Wear appropriate personal protective equipment (PPE) such as eye protection, gloves, and protective clothing.
- Ensure the work area is well-ventilated when mixing or spraying chemicals.
- Do not spray flammable liquids or operate near open flames.
- Keep children and pets away from the operating area.
- Disconnect power before performing any maintenance or cleaning.
- Store the sprayer and chemicals securely and out of reach of children.

INCLUDED COMPONENTS

Your Scotts Elite Backpack Sprayer package should include the following items:

- Scotts Elite 4 Gallon Backpack Sprayer Unit
- 18V Lithium-Ion 2.0AH Battery (pre-installed or separate)
- Battery Charger
- Instruction Guide (this manual)

- Stainless Steel Wand
- Shoulder Strap Assembly
- Nozzle Set, including:
 - Brass Adjustable Nozzle
 - Two Flat Fan Nozzles
 - Foaming Nozzle
 - Adapter for Tee Jet Nozzles



Image: The Scotts Elite 18V Lithium-Ion Powered Backpack 4 Gallon Sprayer, showing the main unit with the wand and nozzle attached.



Image: The retail packaging for the Scotts Elite Backpack Sprayer, illustrating the product and its key features on the box.

SETUP

1. **Unpacking:** Carefully remove all components from the packaging. Inspect for any damage.
2. **Battery Charging:**

Locate the 18V Lithium-Ion battery and charger. Connect the charger to a standard electrical outlet and insert the battery. Allow the battery to fully charge before first use. A full charge can provide up to 4 hours of spray time or spray up to 50 gallons.
3. **Attaching the Wand:**

Connect the stainless steel wand to the hose connection point on the sprayer. Ensure a secure, leak-free connection. The wand is designed to be 4x stronger than poly material.
4. **Selecting and Attaching Nozzle:**

Choose the appropriate nozzle for your application (brass adjustable, flat fan, or foaming nozzle). Screw the selected nozzle onto the end of the wand. The sprayer also accepts Tee Jet Nozzles.
5. **Attaching Shoulder Straps:**

Attach the shoulder straps to the designated points on the backpack sprayer. Adjust the straps for a comfortable and secure fit, distributing the weight evenly across your shoulders and back.

OPERATING INSTRUCTIONS

1. **Filling the Tank:**

Ensure the sprayer is on a stable, level surface. Unscrew the tank cap and carefully pour your desired liquid (e.g., pest control, weed control solution) into the 4-gallon tank. Do not overfill. Securely replace the tank cap.

2. Powering On:

With the battery inserted, locate the power switch. Turn the sprayer ON. The high-performance motor and pump will automatically build pressure to the pre-set 40 PSI. No manual pumping is required.

3. Spraying:

Once pressure is built, aim the nozzle at the target area and depress the spray trigger on the wand handle. Release the trigger to stop spraying. Adjust the nozzle for desired spray pattern (e.g., fine mist, stream).

4. Monitoring Battery:

The 18V lithium-ion battery is designed to spray up to 50 gallons per charge, providing consistent application rates. Recharge the battery when performance diminishes.

5. After Use:

After each use, turn off the sprayer. Release any remaining pressure by briefly depressing the spray trigger. Empty any unused liquid from the tank and rinse thoroughly with clean water. Refer to the Maintenance section for cleaning details.

MAINTENANCE

Regular maintenance ensures the longevity and optimal performance of your Scotts Elite Sprayer.

• Cleaning the Tank:

After each use, especially when changing chemicals, rinse the 4-gallon tank thoroughly with clean water. Spray clean water through the wand and nozzle to flush the system. This prevents chemical residue buildup and cross-contamination.

• Nozzle Maintenance:

Periodically inspect nozzles for clogs or wear. Clean clogged nozzles using a soft brush or by rinsing. Do not use metal objects that could damage the nozzle orifice.

• Battery Care:

Store the lithium-ion battery in a cool, dry place. Avoid extreme temperatures. For long-term storage, it is recommended to store the battery with a partial charge (around 50%).

• Hose and Wand Inspection:

Regularly check the heavy-duty reinforced hose and stainless steel wand for any signs of cracks, leaks, or damage. Replace components if necessary.

• Winter Storage:

Before storing for winter, ensure the sprayer is completely drained and dry to prevent freezing and damage to internal components. Store in a frost-free environment.

TROUBLESHOOTING

Problem	Possible Cause	Solution
Sprayer does not turn on.	Battery not charged or not inserted correctly.	Ensure battery is fully charged and properly seated in its compartment.
No spray or weak spray.	Low battery; clogged nozzle; air in system; tank empty.	Recharge battery; clean or replace nozzle; ensure tank is filled and cap is sealed; prime pump if necessary (refer to manual for priming steps if applicable).

Problem	Possible Cause	Solution
Sprayer leaks.	Loose connections; damaged O-rings or seals; cracked hose/wand.	Tighten all connections; inspect and replace worn O-rings/seals; inspect hose and wand for damage and replace if necessary.
Pressure not building.	Tank cap not sealed; pump issue; low battery.	Ensure tank cap is tightly sealed; check battery charge; if problem persists, contact support.

SPECIFICATIONS


Brand:	Scotts
Model Name:	Backpack, 4 Gal S2, Scotts Elite
Model Number:	190661
Tank Volume:	4 Gallons
Power Source:	18V Lithium-Ion Battery Powered
Maximum Pressure:	40 PSI
Flow Rate:	0.2 GPM (typical landscape applications)
Wand Material:	Stainless Steel
Hose Length:	22.5 Inches
Item Weight:	14 Pounds
Product Dimensions:	14 x 10 x 22 inches (L x W x H)
Recommended Uses:	Pest Control, Weed Control
UPC:	841688006324
Manufacturer:	The Fountainhead Group

WARRANTY AND SUPPORT

Warranty information for your Scotts Elite 18V Lithium-Ion Powered Backpack 4 Gallon Sprayer is typically provided with the product packaging or can be found on the manufacturer's official website. Please refer to these resources for details regarding warranty coverage, terms, and conditions.

For technical support, replacement parts, or further assistance, please contact the manufacturer, The Fountainhead Group, or visit the official Scotts website. Contact information is usually available in the product's original documentation or on the brand's official online presence.



	<p>Scotts 2 & 4 Gallon Backpack Sprayer with Rechargeable Power Wand Instruction Manual</p> <p>Comprehensive instruction manual for Scotts 2 and 4 Gallon Backpack Sprayers featuring a rechargeable power wand. Learn about assembly, operation, safety, maintenance, and troubleshooting for models 190752 and 190753.</p>
	<p>Residential Spreader Settings Guide: Drop & Rotary Models</p> <p>Find precise settings for your lawn spreader. This guide lists recommended dial settings for various drop and rotary spreader models from brands like Scotts, AgriFab, and more, for different fertilizer types.</p>
	<p>Scotts 20V Cordless Outdoor Power Equipment Operator's Manual</p> <p>Comprehensive operator's manual for Scotts 20V Lithium-Ion battery packs, chargers, and chainsaws. Includes essential safety, operation, and maintenance instructions for model numbers S12020, S200, and S20500.</p>
	<p>Scotts AccuGreen 1000 Drop Spreader: Assembly, Use, and Maintenance Guide</p> <p>Comprehensive guide for the Scotts AccuGreen 1000 Drop Spreader, covering assembly, calibration, application tips, and maintenance for optimal lawn care. Includes product features and company information.</p>
	<p>Scotts AccuGreen 1000 Drop Spreader: Assembly and Use Instructions</p> <p>Comprehensive guide for assembling, using, and maintaining the Scotts AccuGreen 1000 Drop Spreader, including application tips, calibration, and product features.</p>
	<p>Scotts HALTS Crabgrass & Grassy Weed Preventer: Lawn Weed Control Guide</p> <p>Scotts HALTS Crabgrass & Grassy Weed Preventer is a pre-emergent lawn care product designed to stop crabgrass and other weeds before they germinate. This guide provides application timing, coverage details, and safety instructions for homeowners.</p>

