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› [Field King](#) /

› Field King 190515 Professionals Battery Powered Backpack Sprayer User Manual

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Field King 190515 Professionals Battery Powered Backpack Sprayer User Manual

Model: 190515 | Brand: Field King

PRODUCT OVERVIEW

The Field King Pro Max 190515 Lithium-Ion Battery Powered 4 Gallon Backpack Sprayer is designed for efficient and comfortable application of various water-based chemicals. Its ergonomic design, integrated battery storage, and high spray height make it ideal for professional use in weed prevention, pest control, and fertilizer application.



Figure 1: Front view of the Field King 190515 Professionals Battery Powered Backpack Sprayer.

KEY FEATURES

- **No Pumping Required:** Enjoy continuous spraying without manual pumping.
- **Extended Spray Duration:** Up to 4 hours of spray time or 50 gallons of liquid per charge (with 8002 nozzle).
- **Efficient Battery System:** 18-volt Lithium-Ion 2.1 Ah Battery charges in 3.5 hours (charger included). Features an interchangeable battery system.
- **Optimized Spraying Pressure:** Pre-set at 40 psi, 0.2 GPM, suitable for typical landscape applications.
- **Durable Construction:** Powder-coated steel frame for enhanced durability and chemical resistance.

- **Comfortable Harness:** Fully padded back harness ensures comfort during prolonged use.
- **Advanced Filtration:** Triple filtration system prevents clogging and extends pump longevity.
- **Premium Components:** Includes a lockable shutoff, 21-inch poly wand, and high-quality Viton seals for chemical resistance.
- **Versatile Nozzles:** Comes with brass adjustable, low volume flat fan, high volume flat fan, and foaming nozzles. Also accepts TeeJet nozzles.

SETUP

1. Unpacking and Inspection

Carefully remove all components from the packaging. Inspect for any signs of damage. Ensure all parts listed in the packing list are present.

2. Attaching the Straps and Harness

Attach the padded shoulder straps and waist belt to the designated points on the sprayer. Adjust the straps for a comfortable and secure fit before filling the tank.



Figure 2: Padded back harness for comfortable wear.

3. Battery Installation and Charging

Locate the battery compartment on the back of the sprayer. Insert the 18-volt Lithium-Ion battery. Ensure it clicks securely into place. Before first use, fully charge the battery using the included charger. A full charge typically takes 3.5 hours.



Figure 3: The 18-volt Lithium-Ion battery.



Figure 4: Integrated battery storage compartment.

4. Nozzle Selection and Attachment

Select the appropriate nozzle for your application. The sprayer includes a brass adjustable nozzle, low volume flat fan, high volume flat fan, and foaming nozzles. Attach the chosen nozzle to the 21-inch poly wand.

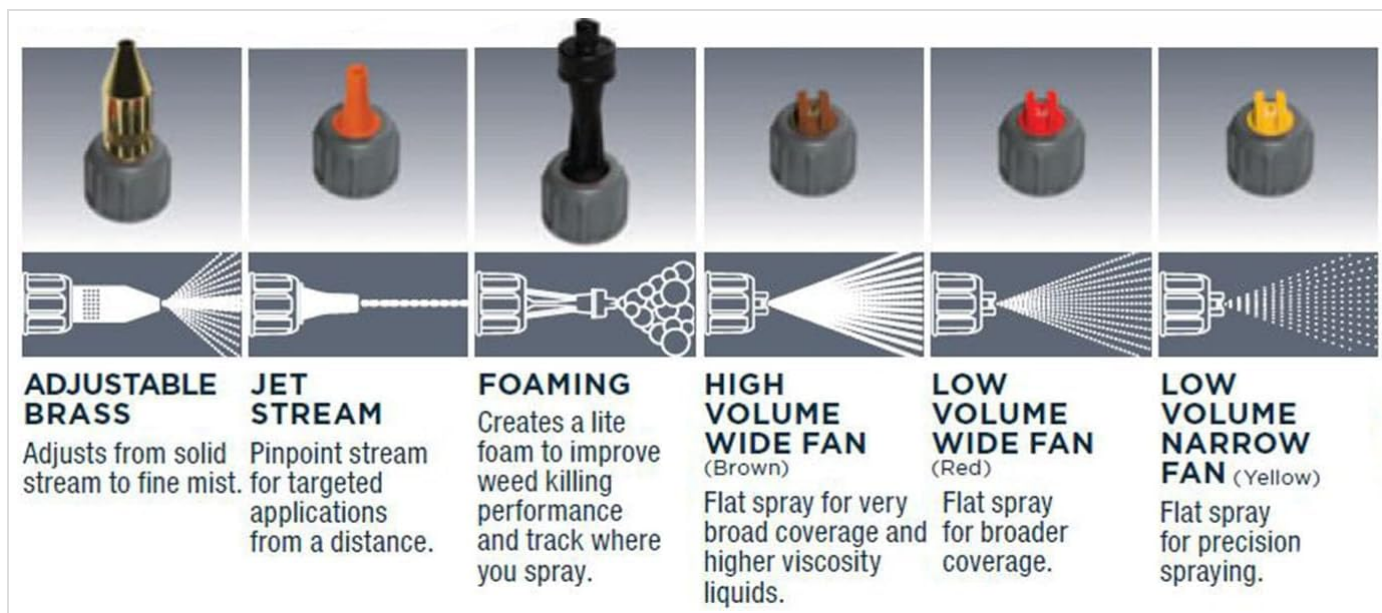


Figure 5: Various nozzle types for different spray patterns.



Figure 6: Included additional nozzles for specialized applications.

OPERATING INSTRUCTIONS

1. Filling the Tank

Place the sprayer on a stable, level surface. Unscrew the large cap on top of the tank. Carefully pour your desired water-based chemical solution into the 4-gallon tank. Do not overfill. The sprayer is not designed for use with wettable powders.



Video 1: Official product video demonstrating the Field King 190515 Backpack Sprayer. This video provides a general overview of the sprayer's features and operation, including filling the tank and basic usage.

2. Powering On and Spraying

Once the tank is filled and the battery is installed, turn on the power switch located on the base of the sprayer. The pump will activate, pressurizing the system. Squeeze the trigger on the wand to begin spraying. The shutoff is lockable for continuous spraying without holding the trigger.



Figure 7: The 21-inch poly wand with a lockable shutoff for ease of use.

3. Adjusting Spray Pattern

Depending on the nozzle type, you can adjust the spray pattern from a fine mist to a solid stream by twisting the nozzle head. Refer to the nozzle diagram for specific adjustments.

MAINTENANCE

1. Cleaning After Use

After each use, thoroughly rinse the tank, hose, and wand with clean water. Spray clean water through the nozzle to clear any chemical residue. This prevents clogging and extends the life of the sprayer components.

2. Filter Maintenance

The sprayer features a triple filtration system. Periodically check and clean the filters located in the tank opening and within the wand handle to ensure optimal performance and prevent clogs.

3. Storage

Store the sprayer in a cool, dry place away from direct sunlight and freezing temperatures. Ensure the tank is empty and clean before storage. Remove the battery if storing for extended periods.

TROUBLESHOOTING

Problem	Possible Cause	Solution
No spray or weak spray	Clogged nozzle or filter; Low battery; Air in system	Clean nozzle/filters; Recharge battery; Prime pump by spraying water until consistent flow.
Leaking from connections	Loose connections; Damaged O-rings/seals	Tighten all connections; Inspect and replace worn O-rings/seals.
Pump not turning on	Battery not installed correctly; Battery completely drained; Faulty power switch	Re-install battery; Charge battery; Contact customer support if switch is faulty.

SPECIFICATIONS

- **Brand:** Field King
- **Model Name:** Professionals
- **Item Model Number:** 190515
- **Tank Volume:** 4 Gallons
- **Power Source:** Battery Powered (18V Lithium-Ion 2.1 Ah)
- **Maximum Pressure:** 40 PSI
- **Flow Rate:** 0.2 GPM (with 8002 nozzle)
- **Hose Length:** 50 Inches
- **Wand Length:** 21 Inches (Poly)
- **Item Weight:** 14.2 Pounds
- **Product Dimensions:** 15"W x 22.5"H
- **Included Components:** Sprayer unit, Nozzles (brass adjustable, low volume flat fan, high volume flat fan, foaming), 18V Lithium-Ion Battery, Battery Charger.
- **Manufacturer:** The Fountainhead Group, Inc.
- **Country of Origin:** China

IMPORTANT SAFETY INFORMATION

WARNING:

- Wear protective clothing, eyewear, and gloves when operating the sprayer.
- Avoid contact with skin, eyes, and clothing.
- Keep away from children and pets.
- Do not use in enclosed spaces.
- Properly dispose of used chemicals and rinse the product thoroughly after use.
- Do not exceed recommended pressure.
- Release pressure slowly and away from your face.

WARRANTY AND SUPPORT

For detailed warranty information and customer support, please refer to the official user guide PDF or contact Field King directly.

Official User Guide (PDF): [Download Here](#)

Visit the Field King Store: [Field King Amazon Store](#)

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