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Model: 190642 | Brand: Pump Zero Technology

PRODUCT OVERVIEW

The Pump Zero Technology Model 190642 is a battery-powered garden sprayer designed for efficient application of various liquids in lawn and garden care. It features a power head unit and is capable of spraying up to 24 gallons on a single battery charge.

- **Compatibility:** Designed for use with fertilizers, weed killers, and pesticides.
- **Rechargeable Power:** Equipped with a Lithium-Ion battery, providing up to 24 gallons of spray capacity per charge.
- **Safety Feature:** Includes a pressure relief valve for enhanced safety during operation.
- **Durable Construction:** Features high-quality, chemical-resistant Viton seals for longevity.
- **Components:** Supplied as a single sprayer unit with one battery head unit.





PUMP ZERO
TECHNOLOGY

ACETONE
ACETONA
ACETONE

ACIDS
ACIDOS
ACIDOS

BLEACH
BLANQUEANTE
BLANQUEANTE

OIL
ACEITE
ACEITE

SOLVENTS
SOLVENTES
SOLVENTES

WARNING: Never spray fertilizers or herbicides directly. Do not operate in hot or humid atmospheres, such as in the presence of flammable liquids, gases or vapors. Power tools create sparks which may ignite the dust or fumes, which may ignite the product. **ADVERTENCIA:** Nunca rocíe fertilizantes o herbicidas directamente. No opere en ambientes calientes o húmedos, tales como en la presencia de líquidos inflamables, gases o vapores. **PRECAUCIÓN:** Las herramientas eléctricas producen chispas que pueden encender el polvo o los humos, los cuales pueden encender el producto.

LITHIUM-ION
PUMP
ZERO
POWER SPRAYER



Image: The Pump Zero Technology Garden Sprayer, showing the main tank, power head unit, and spray wand.

SAFETY INFORMATION

Adhering to safety guidelines is crucial when operating the sprayer. Please read and understand all instructions before use.

- Always wear appropriate protective clothing and gloves when handling chemicals.
- Keep the sprayer away from heat sources and never leave it unattended while in use.
- In case of accidental chemical contact, rinse immediately with plenty of water and seek medical advice if necessary.
- Always follow local regulations for chemical disposal.
- Keep the sprayer clean and well-maintained to prevent mechanical failures.
- Always point the sprayer away from yourself and others when in use.

SETUP

1. **Unpack Components:** Carefully remove all parts from the packaging. Verify that all components, including the sprayer tank, power head unit, spray wand, hose, and nozzles, are present.
2. **Charge Battery:** Before initial use, fully charge the Lithium-Ion battery. Connect the charger to the power head unit and plug it into a standard electrical outlet. The indicator light will show charging status.
3. **Attach Hose:** Securely connect one end of the spray hose to the outlet on the sprayer tank and the other end to the handle of the spray wand. Ensure connections are tight to prevent leaks.
4. **Assemble Spray Wand:** Attach the desired spray nozzle to the end of the stainless steel spray wand. The sprayer typically includes multiple adjustable nozzles for different spray patterns.
5. **Fill Tank:** Unscrew the power head unit from the tank. Carefully pour the desired liquid (fertilizer, weed killer, pesticide) into the tank, ensuring not to exceed the maximum fill line.
6. **Secure Power Head:** Reattach the power head unit to the tank, screwing it on tightly to create a sealed connection.

OPERATING INSTRUCTIONS

- Power On:** Press the power button on the power head unit to activate the pump. The pump will build pressure and then automatically shut off once optimal pressure is reached.
- Begin Spraying:** Aim the spray wand at the target area. Squeeze the trigger on the spray wand handle to begin spraying. Release the trigger to stop spraying.
- Adjust Spray Pattern:** Rotate the nozzle at the end of the spray wand to adjust the spray pattern from a fine mist to a direct stream, depending on your application needs.
- Continuous Spray:** For continuous spraying, engage the trigger lock mechanism on the spray wand handle. Disengage the lock to stop.
- Monitor Battery:** The power head unit may have an indicator for battery level. Recharge the battery when the indicator suggests low power or when spray performance diminishes.
- Power Off:** After use, press the power button on the power head unit to turn off the pump.

MAINTENANCE

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

- Cleaning After Use:** After each use, especially when using chemicals, rinse the tank thoroughly with clean water. Spray clean water through the wand and nozzle to flush out any chemical residue.
- Nozzle Care:** Periodically inspect nozzles for clogs. Clean them with water and a soft brush if necessary.
- Battery Charging:** Always recharge the battery after use to ensure it's ready for the next task. Store the battery in a cool, dry place.
- Seal Inspection:** Regularly check the Viton seals for wear or damage. Replace any worn seals to maintain proper pressure and prevent leaks.
- Storage:** Store the sprayer in a dry, frost-free location, away from direct sunlight and extreme temperatures. Ensure the tank is empty and clean before storage.

TROUBLESHOOTING

Problem	Possible Cause	Solution
Sprayer does not turn on or pump.	Battery is not charged or faulty.	Ensure the battery is fully charged. Check the charger connection and indicator light. If the issue persists, the battery or power head unit may require service.
No spray or weak spray.	Clogged nozzle, low liquid level, or loose connections.	Check and clean the nozzle. Ensure the tank has sufficient liquid. Verify all hose connections are tight.
Leaking from connections.	Loose connections or damaged seals.	Tighten all connections. Inspect Viton seals for wear or damage and replace if necessary.
Pump runs continuously without building pressure.	Air leak in the system or faulty pressure switch.	Check that the power head unit is securely screwed onto the tank. Inspect all seals and connections for air leaks. If the problem persists, contact customer support.

SPECIFICATIONS

- **Brand:** Pump Zero Technology
- **Model Number:** 190642
- **Tank Volume:** Capable of spraying up to 24 Gallons of liquid per battery charge (actual tank capacity not specified, typically 1-2 gallons for handheld models).
- **Material:** Viton (for seals)
- **Item Weight:** 2.84 Kilograms
- **Power Source:** Battery Powered (Lithium-Ion)
- **UPC:** 841688006201

WARRANTY AND SUPPORT

For warranty information, product support, or to purchase replacement parts, please contact Pump Zero Technology customer service. Refer to your purchase documentation for specific warranty terms and contact details.

Note: Specific warranty details are not provided in this manual. Please consult the product packaging or the manufacturer's official website for the most current warranty information.

