

BACKPACK ELECTROSTATIC SPRAYER #4131

Professional, Cordless Electrostatic Sprayer



Features:

- Patented electrostatic charge penetrates chemical providing a thin, even spray pattern on all surfaces
- Adjustable 3-N-1 nozzle allows you to set the spray particle size to match your application
- Double charge technology for maximum coverage
- Ergonomic handle with lock for comfort and safety
- Long-lasting battery – 4 hour run time
- Glass-filled housing for increased durability
- 2.25 gallons, easy fill tank
- Weighs 10 pounds empty and 28.8 pounds full
- Optimum spray range is 4-6 feet
- 16.8 V lithium-ion battery
- Cordless convenience allows for freedom of movement from room to room
- Charge time is 90 minutes
- 4 ft. hose with quick release valve
- Has an easy carry handle and comfortable carrying straps

Description:

This ELECTROSTATIC SPRAYER provides many unique characteristics that cannot be found on other sprayers. It double charges the solution it is spraying. The product is charged when it enters the tank and again when it is sprayed. As the fully-charged droplets hit the surface, they create an even spread. When you spray something that has a negative or neutral charge, the product sprayed will not only cling to what you spray, it will wrap around it, fully encasing it. Particles hold their cationic charge for approximately 2-3 seconds, preventing drips. This allows the solution to cover hidden and shadowed areas. This SPRAYER allows for better coverage in less time. Because of the even spray, 70% less chemical is required to clean an area. It also provides more complete and consistent coverage than traditional sprayers.

The special battery used with this sprayer fully charges in under 90 minutes and has a run time of four hours while similar batteries have a four-hour charge time and a run time of two hours. If you purchase a backup battery, you will be able to run the sprayer for a full 8 hours.

Product Specifications:

	Nozzle Setting 1	Nozzle Setting 2	Nozzle Setting 3
Nozzle Shape:	Full cone	Full cone	120° fan
Particle Size:	40 microns	80 microns	110 microns
Dwell Time:	*5 minutes	*10 minute	*15-20 minute
Flow Rate:	3.4 oz./minute	5.1 oz./minute	13.4 oz./minute
Run Time per Tank:	84 minutes	56.5 minutes	21.8 minutes
Coverage per Tank*:	23,000 sq. ft.	20,600 sq. ft.	13,100 sq. ft.
Tanks per Charge:	2.9	4.2	11

***Always use PPE of the product you are working with.*

*Dwell time is dependent on the environment at the time of application. High humidity will result in longer dwell time and dry conditions will result in shorter dwell times.

Operating Instructions:

- To start the use of the victory cordless electrostatic backpack sprayer charge the battery for two hours before inserting the Victory 16.8 volt battery into the backpack.
- Plug the charger into a wall outlet until charging light registers on the charger base (Power Level) largest dot indicates fully charged smallest dot indicates low battery.
- When charger indicates battery is fully charged it can be removed from charger:
Insert battery into backpack.
To open battery door turn doorknob counter clockwise until the door opens (Reverse) steps to lock.
- Align battery grooves then push battery forward to a locking position (listen for the click).
- To close door tighten knob clockwise until it can't be turned anymore.

IMPORTANT: Door must be closed at all times when the backpack sprayer is being used, failure to close the battery door would cause failure to the battery if the battery gets wet.

NOTE: Not for use with petroleum products.

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Recommended before filling tank: IMPORTANT: Unlatch tank lock from backpack by lifting upward and outward from backpack base. Fill tank with solution before inserting tank back into backpack housing.

To Insert Nozzle:

- Remove the battery from the unit.
- Insert the nozzle into the wrench, lining up the tabs on the nozzle and the slots on the wrench.
- Insert the wrench with nozzle into the front end of the unit.
- Push in and rotate the wrench ¼ turn counter clockwise. When you hear a click the nozzle is in position.
- Remove the wrench when complete.



To Remove the Nozzle:

- Remove the battery from the unit.
- Insert the nozzle wrench into the front of the unit.
- Rotate wrench until the tabs on the nozzle line up with the slots in the wrench.
- When the tabs and slots are lined up the wrench will be completely inserted into the front end.
- To remove, rotate the wrench in the counter clockwise direction until the nozzle comes loose (1/4 rotation).
- Remove the wrench when complete.



- Slide tool over groove.
- Turn the tool counterclockwise to lock the nozzle in place with a click feeling.
- Take out the tool and you will find the nozzle is already at top position. You can select anyone of the three nozzles by turning the nozzle clockwise by means of the assembly tool.
- The nozzles to be installed should be at the rightmost upon inserting into the nozzle holder.

Important Safety Precautions:

WARNING: It is the operator's responsibility to read and understand the cautions and warnings in this manual before attempting to operate this machine.

WARNING: When using electric appliances, basic precautions should always be followed, including the following:

- Read all the instructions before using the appliance.
- To reduce the risk of injury, close supervision is necessary when an appliance is used near children.
- Do not contact moving parts.
- Only use attachments recommended or sold by the manufacturer.
- To reduce the risk of electrical shock, do not put electrode in water or other liquid. Do not place or store appliance where it can fall or be pulled into a tub or sink.
- Use only the charger supplied by the manufacturer to recharge.
- This machine contains an electrostatic device that may interfere with sensitive medical devices such as pacemakers, defibrillators or similar devices. DO NOT operate this machine or stand within 10 feet if you use such medical devices. Contact your physician prior to operation if you are unsure if this machine will interfere with your medical device.

ELECTRICAL SAFETY:

- CAUTION: To avoid electrical shock do not touch or insert any foreign objects into the nozzle.
- A cordless sprayer with integral batteries or a separate battery pack must be recharged only with the specified charger for the battery. A charger that may be suitable for one type of battery may create a risk of fire when used with another battery.
- Use battery operated sprayer only with the specifically designated battery pack. Use of any other batteries may create a risk of fire.

DO NOT USE THIS CORDLESS SPRAYER TO APPLY FLAMMABLE LIQUIDS.

- Do not use oil base liquids.
- Store formulation in its original labeled container.
- Ensure that formulation is applied only in strict compliance with the formulation label as well as local, state and federal regulations.
- Do not use oil-base or flammable formulations with this machine.