



**20V Lithium Ion  
Electrostatic 45oz. ULV Hand-held Fogger  
Operator's Manual**



**WARNING:**

Read carefully and understand all INSTRUCTIONS before operating. Failure to follow the safety rules and other basic safety precautions may result in serious personal injury.

Save these instructions in a safe place and on hand so that they can be read when required.

Keep these instructions to assist in future servicing.

# WARNING:

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1. It is the operator's responsibility to read and understand the cautions and warnings in this manual before attempting to operate this machine.
2. The Electrostatic fogger has been designed and engineered to be very safe during normal operation. As with all cordless products, certain safety precautions should be taken.
3. Understand these safety precautions before operating machine. Failure to properly follow these precautions may lead to a fire, explosion, or electrical shock hazard.
4. To reduce the risk of injury, close supervision is necessary when the appliance is used near children.
5. Do not contact moving parts.
6. Only use attachments recommended or sold by the manufacturer.
7. To reduce the risk of electrical shock, do not put the electrode in water or other liquid. Do not place or store appliance where it can fall or be pulled into a tub or sink.
8. Use only the charger supplied by the manufacturer to recharge.
9. Keep your work area clean and well lit.
10. Do not operate cordless fogger in explosive atmospheres, such as in the presence of flammable liquids, gases, or dust. Cordless Fogger create sparks, which may ignite the dust or fumes.
11. Keep bystanders, children, and visitors away while operating a cordless fogger.
12. Distractions can cause you to lose control.
13. To avoid electrical shock do not touch or insert any foreign objects into the nozzle.
14. Always have the machine serviced by a professional, qualified representative. Never attempt to service the machine or access its internal components.
15. Avoid accidental starting. Be sure the switch is in the OFF position before inserting the battery pack. Carrying the product with your finger on the switch or inserting the battery pack into a tool with the switch ON invites accidents.
16. Do not excessively shake the handle of the product, the handle may be fractured. The product will fall and cause injury.
17. Do not operate the product vertically, water may leak into motor and cause the product damaged.

# TECHNICAL DETAILS

Tank Capacity	45 oz (1300ml)
Rated Voltage	20V DC
Motor Power	150W
Motor speed	60,000RPM
Particle Size	0-50µm
Flow Rate	4oz/min (120ml/min)



## **WARNING:**

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1. Before application, customer must read this instruction manual carefully. If any doubt, please contact our company directly (1-866-493-0524). We are free from any accident due to improper operation. When using this product, failure to observe these instructions could lead to serious injury or death.
2. 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.
3. A cordless fogger with integral batteries or a separate battery pack must be recharged only with the specified charger for the battery. A charge that may be suitable for one use type of battery may create a risk of fire when used with another battery.
4. Use battery operated fogger only with the specifically designated battery pack. Use Of any other batteries may create a risk of fire.
5. Do not use cordless fogger while tired or under the influence of drugs, alcohol or medication.
6. Do not overreach. Keep proper footing and balance at all times. Proper footing and balance enables better control of the tool in unexpected situations.
7. Use safety equipment. Always comply with any requirements for protective clothing, goggles, gloves, facial masks, or respirator required by the formulation label

## **DO NOT USE THIS CORDLESS FOGGER TO APPLY FLAMMABLE LIQUIDS.**

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

# USE AND CARE

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Do not use a machine that is broken or damaged in any way

Do not alter the machine by adding or removing parts.

Do not restrict the motor air inlet area.

Do not tamper with the output nozzle.

Do not allow the machine to operate unattended.

Do not stand in water or hold over water while operating machine.

Do not use outdoors when it's raining.

Do not use cordless fogger if switch does not turn it on or off. A cordless fogger that cannot be controlled with the switch is dangerous and must be repaired.

Do not allow small objects to fall into the inlet, such as nails, screws, and keys. To avoid damaged motor and fogger.

Disconnect battery pack from cordless fogger or place the switch in the OFF position before making any adjustments, refilling the tank or storing the cordless fogger.

Such preventative safety measures reduce the risk of starting the cordless fogger accidentally.

Store idle cordless fogger out of reach of children and other untrained persons.

Cordless foggers are dangerous in the hands of untrained users.

When battery pack is not in use, keep it away from other metal objects like: paper clips, coins, keys, nails, screws, or other small metal objects that can make a connection. From one terminal to another.

Shorting the battery terminals together may cause sparks, burns, or a fire.

To clean the fogger use soap, water and a damp cloth to wipe clean. To clean internal components run water through the fogger for 3 minutes.

To reduce the chance of blockage we recommend that after every few days of use spray a tank of water through the unit to rinse out any residual chemical build up that may have occurred.

## Operation Instructions

1. Fully charged the battery, otherwise it may affect the use time of the product.
2. Install the battery pack, turn on the power switch, and confirm whether the motor is running.
3. Pour the liquid into the tank with a funnel, tighten the lid. Lift the handle with one hand, and grasp the grip with another hand, then start spraying.
4. During the fogger working, the high-speed gas flow will cause the nozzle heating, it is a normal phenomenon.

5. To insure maximized electrostatic performance always keep your hand firmly wrapped around the handle in contact with the grounding strap.

## **IMPORTANT SAFETY INSTRUCTION FOR BATTERY PACKS.**

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1. Always fully charge battery before use.
2. Always use Superhandy charger to charge Superhandy type battery pack, Other types of batteries may burst causing damage and injury to person.
3. Never operate charger with damaged cord or plug. Replace them immediately.
4. Never use Superhandy charger to charge other batteries.

## **ELECTRICAL HAZARD**

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1. Always use properly grounded single-phase receptacle protected by a ground fault circuit interrupter (GFCI).
2. Never remove ground pin from plug.
3. Never route electrical cables across sharp edges.
4. Never route electrical cables through or near moving parts.
5. Never route electrical cables near parts that become hot.
6. Never remove electrical cover from battery charger.
7. Never leave the puling tool power cord plugged in when installing, rigging, servicing or when the puling too is not being used.
8. Never disconnect ground bond.
9. Never operate AC pulling tool in a damp or wet environment.
10. Always power the fogger with only the recommended electrical system voltage, See the fogger specification sheet for details.
11. Never operate charger if it has received a sharp blow, been dropped or otherwise damaged in any way.
12. Never charge battery in damp or wet environment.

13. Always charge battery at temperatures between 0°C-49°C (32°F-120°F).
14. Always store battery at temperatures between 0°C-30°C (32°F-86°F).
15. Always disconnect charger when battery is fully charged.
16. Never probe with conductive object.
17. Always fully charge battery before use.
18. Never completely discharge battery.
19. Always charge battery every six months if not in use.

## PROBLEM AND SOLUTION

Problem	Reason	Solution
Fan not running.	Power supply is not connected.	<ol style="list-style-type: none"> <li>1. Check battery whether there is electricity.</li> <li>2. Whether the power switch is on or not.</li> </ol>
Machine run, no spray.	<ol style="list-style-type: none"> <li>1. Chemical tube or valve blocked.</li> <li>2. Chemical tube or tank inflatable tube folded.</li> <li>3. Chemical tube fell off.</li> <li>4. The air inlet blocked.</li> </ol>	<ol style="list-style-type: none"> <li>1. Clean up or replace.</li> <li>2. Check and correct the chemical tube or tank inflatable tube.</li> <li>3. Reset the chemical tube,</li> <li>4. Clean up and clear the air inlet.</li> </ol>
Intermittent spray, small spray.	<ol style="list-style-type: none"> <li>1. Chemical tube blocked,</li> <li>2. Chemical tube folded.</li> <li>3. Chemical tube damaged.</li> <li>4. Chemical tube fell off.</li> </ol>	<ol style="list-style-type: none"> <li>1. Clean up the chemical tube.</li> <li>2. Correct the chemical tube.</li> <li>3. Replace the chemical tube.</li> <li>4. Reset the chemical tube.</li> </ol>
Machine abnormal sounds.	<ol style="list-style-type: none"> <li>1. The air inlet blocked.</li> <li>2. Motor bearing damaged or carbon brush run out</li> </ol>	<ol style="list-style-type: none"> <li>1. Clean up and clear</li> <li>2. Repair or replace the motor.</li> </ol>
Poor atomization, spray nozzle dripping.	The air inlet blocked.	Clean up and clear.

# PROBLEM AND SOLUTION

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Problem	Reason	Solution
Fogger temperature too high.	<ol style="list-style-type: none"><li>1. Continuous working too long.</li><li>2. The air inlet or outlet blocked.</li><li>3. The motor seriously worn.</li></ol>	<ol style="list-style-type: none"><li>1. Stop working for a while.</li><li>2. Clean up and clear.</li><li>3. Repair or replace the motor</li></ol>
Fog absorbs backward	The grounding strap doesn't conduct the electricity from body	Firmly grasp the grounding strap



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