

E-Spray System

IN SERVICE TRAINING



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FAQ

- How long does the battery last
- What is the re-charge time
- What is the warranty
- What is the coverage rate
- How long does it take to cover a certain area
- What is the recommended maintenance
- What is the best disinfectant to use
- What is the Proper PPE and other Safety Practices
- What to Spray and what NOT to Spray
- What about soft surfaces



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BATTERY DETAILS

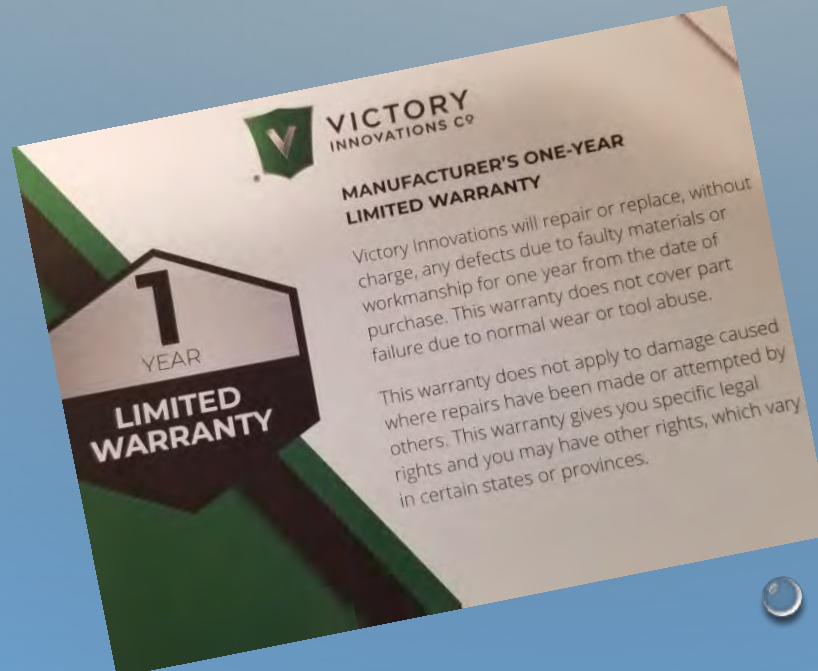
- 16.8 V lithium ion battery
- 4 hour continuous run time
- NOTE: intervals suggest 1 charge = 1 eight hour shift
- Spare battery.... A good idea
- Charging time: 2-4 hours to full charge
- Smart charger tells charge level and progress



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WARRANTY

- 1 year parts and labor
- Note date code for warranty claim
- Contact warranty admin center
- Warranty Card



SPRAY ADJUSTMENTS

TURN CLOCKWISE

- Three spray droplet sizes tailored to disinfectant contact time
- **Red 40 microns:**
smallest: good for contact times of 1-5 minutes
- **Green 80 microns:**
medium: contact times of 5-10 minutes.
- **White 110 microns:**
largest (wettest): 10 minute contact times (usually not needed)



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E-SPRAY HAND HELD: WHAT'S IN THE BOX



Sprayer

1 Quart Tank

Tank Cap

Carrying Bag

Battery Charger

16.8V Li Ion Battery

Nozzle Wrench

Nozzle Guide

Warranty Card

Instructions

OSHA RTU Labels

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E-SPRAY PRODUCTIVITY-HAND HELD

- Reservoir holds 1 quart of disinfecting solution
- 1 quart covers about 2,400 sq. ft. of surface area
- Continuous spraying will consume the quart in 10 minutes
- Theoretical productivity $2,400 / .167 = 14,371$ sq ft per hour



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E-SPRAY BACKPACK: WHAT'S IN THE BOX

Backpack + Tank

12" Extension Wand

Solution Supply Hose

OSHA Labels



Spray Wand

Battery Charger

16.8V Li Ion Battery

Nozzle Wrench

Nozzle Guide

Warranty Card

Instructions

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E-SPRAY PRODUCTIVITY - BACKPACK

- Reservoir holds 9 quarts of disinfecting solution
- 9 quarts cover about 21,600 sq. ft. of surface area
- Continuous spraying will consume the tank in 90 minutes
- Theoretical productivity $21,600 / 1.5 = 14,409$ sq ft per hour
- Includes a 12 inch extension wand



RECOMMENDED MAINTENANCE

- **After Each Use**

- Rinse/purge the system by running about 2 oz of cold water through the unit.

- **At Least Once a Month**

- Remove nozzle and soak in an acidic de-liming solution for at least 1 hour. Rinse and re-install

Following this simple maintenance procedure will prevent the nozzle from clogging



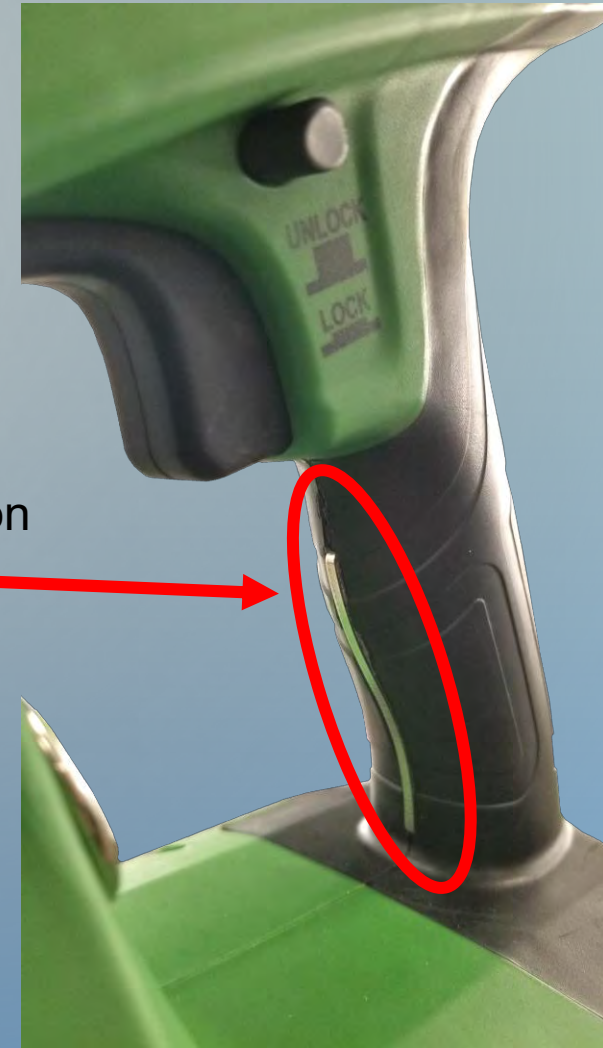
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USE THE GROUNDING STRAPS

- **Wrap Hand Around Handle**

- Hand should be in continuous contact with grounding strap on handle while spraying.

If hand is removed from the handle during spraying, a slight shock may occur.



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128 E-FECTICIDE

- EPA Approved Label states “spray application”
- Electrostatic spraying is targeted spraying (= or greater than 40 microns)
- Electrostatic spraying is different than fogging, misting, or fumigating
 - Fogging: spray droplet is less than 5 microns
 - Misting : spray droplet is 5-25 microns



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WHAT IS THE PROPER PPE

- Eye Protection
- Gloves
- Dust-mist Respirator, N-95 Is Best.
- Diluted Product Is Non-hazardous, However, Best Practices Suggests Protection From Eye Contact And Inhalation.



OTHER SAFETY REQUIREMENTS

- Do Not Spray In A Room With Other Occupants Unless They Have Proper PPE
- Wait Time Before Re-entry: 15 Minutes Before Occupants Can Re-enter
- Leaves No Visible Residue
- Secondary Labels For The Spray Tank; OSHA Required
- Labels Are Included With The Units



WHAT TO SPRAY - WHAT NOT TO SPRAY

Spray These Surfaces

- Non-porous Surfaces
- Remember: Safe On Surfaces Not Harmed By Water
- Desktops, Chairs, Tables, Doors, Walls, Fixtures, High Touch Surfaces

Avoid Direct Spraying Of The Following

- Papers, Computer Keyboards, Sensitive Electronics, Mirrors; Windows

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WHAT ABOUT SOFT SURFACES

- Remember: Safe On Surfaces Not Harmed By Water
- Soft Surfaces Cannot Be Disinfected But They Can Still Be Sprayed
- Diluted Disinfectant Will Not Harm Fabric Chairs, Furniture, Draperies, Carpets

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TIPS

- **Move Quickly:**

Charged Spray Droplets Will Coat Surfaces

- **NO DRIPS:**

If Drips Are Notice, Adjust Droplet Size Or Move Faster.

- **Work Top To Bottom**

- **Pre-clean When Needed:**

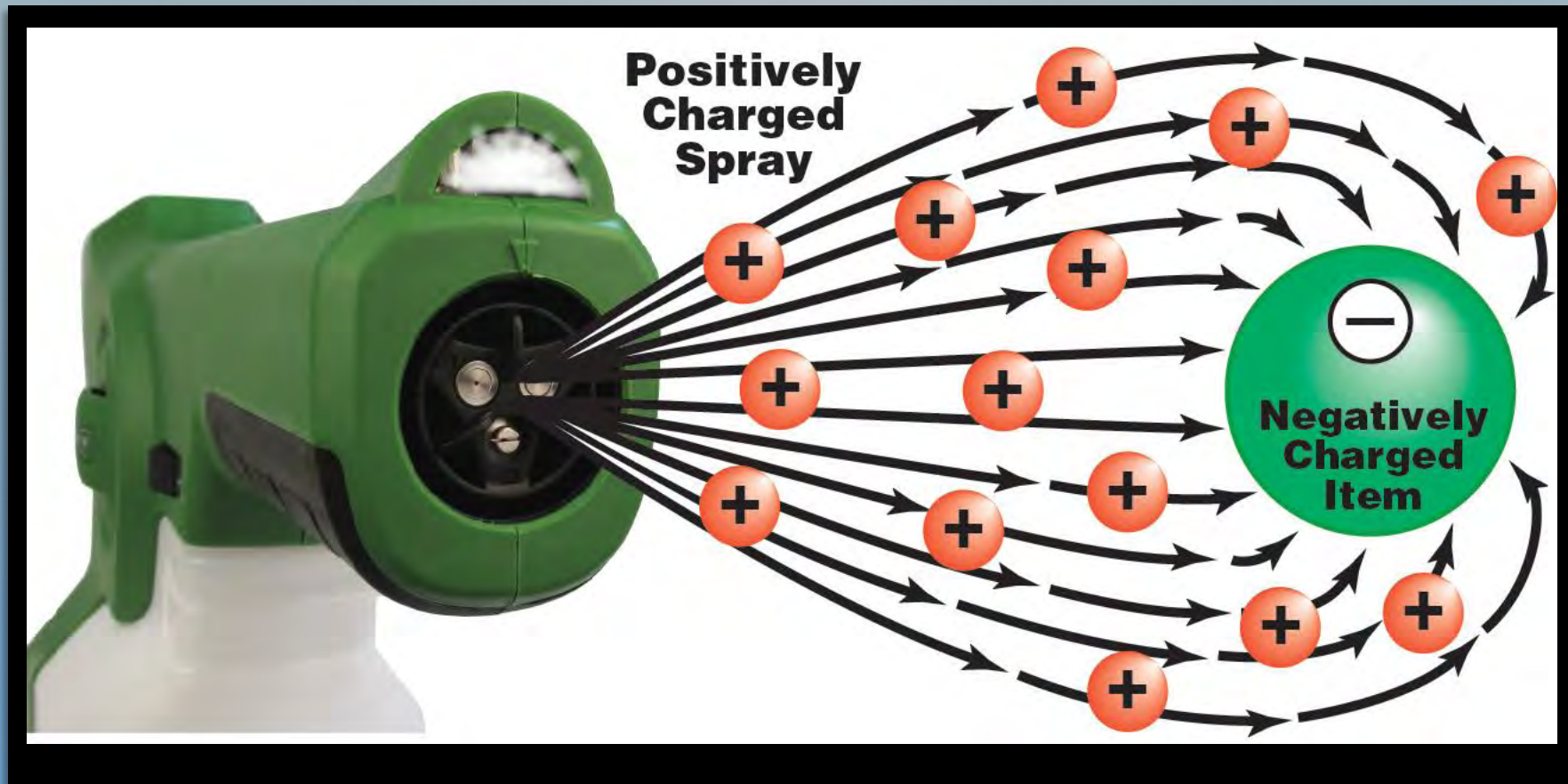
Clean Soiled Surfaces First



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WATCH THE VIDEO

[HTTPS://YOUTU.BE/WJEKGFJ94M8](https://youtu.be/WJEKGFJ94M8)



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