E-Spray System

IN SERVICE TRAINING
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
BATTERY DETAILS

• 16.8 V lithium ion battery
• 4 hour continuous run time
• NOTE: intervals suggest 1 charge = 1 eight hour shift
• Extra battery?.... A good idea
• Charging time: 2-4 hours to full charge
• Smart charger tells charge level and progress
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)
E-SPRAY HAND HELD: WHAT’S IN THE BOX

- Sprayer
- 1 Quart Tank
- Tank Cap
- Battery Charger
- 16.8 V Li Ion Battery
- Nozzle Wrench
- Nozzle Guide
- Warranty Card
- Instructions
• 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 $\frac{2,400}{0.167} = 14,371$ sq ft per hour
E-SPRAY BACKPACK: WHAT’S IN THE BOX

- Backpack + Tank
- 12” Extension Wand
- Solution Supply Hose
- Spray Wand
- Charger
- 16.8 V Li Ion Battery
- Nozzle Wrench
- Nozzle Guide
- Warranty Card
- Instructions
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 $\frac{21,600}{1.5} = 14,409$ 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 and keep the unit clean
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.
128 E-FECTICIDE

- Label says “spray”
- EPA is studying electrostatic
- Electrostatic spraying is targeted spraying
- 3-spray droplet sizes, minimum 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
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
WATCH THE VIDEO
HTTPS://YOUTUBE.BE/WJEKGFJ94M8