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IND-MD-DF-ESF-R3-220V

Portable Battery-powered Electrostatic Sprayer & Cannon - 6.56' Spray Distance - 4.22G Tank Capacity - No-Contact Disinfection

Product ID: 270419

Please see last page for supporting documentation for this product (certificates, CAD files & drawings, IES files, wiring diagrams, etc).



Image: IND-MD-DF-ESF-R3-220V

Larson Electronics LLC manufactures a wide variety of products, including custom built to spec designs. The pictures displayed for this unit are a general representation of form factor for the product line and may not accurately represent this exact configuration in every detail due to custom builds and changes between similar products in our standard catalog. The specifics for this configuration are listed in the specification table and supporting documentation (CAD files, Dimensional Drawing, Name Plate Diagram, Wiring Diagram, etc.). This means that specific details (receptacles, plugs, wires, connections, mounting brackets, external finishes, etc.) may not be accurately represented in images vs specifications. Please review specifications and do not order based solely on images.

IND-MD-DF-ESF-R3-220V Cordless Disinfection Sprayer

Unit Type: Portable Battery-powered Sprayer
Dimensions: 14.96" x 7.48" x 21.25"
Weight: 9.03 lb
Cannon Weight: 3.30 lb
Sprayer Voltage: 12 V DC
Working Pressure (Sprayer): 0.15-0.4 Mpa
Droplet Size (Sprayer): ≤120μm
Flow Rate (Sprayer): 3.17 Gallons Per Hour
Spraying Distance (Sprayer): 6.56'
Working Pressure (Cannon): 0.15-0.4 Mpa
Droplet Size (Cannon): 50-90μm
Flow Rate (Cannon): 4.75 Gallons Per Hour
Spraying Distance (Cannon): 19.68'
Tank Capacity: 4.22 Gallons
Tank Coverage Area: 5 Acres per Full Tank (0.79 Gallons per Acre)
Mount: Portable Handle
Battery Type: 10aH Lithium-ion
Battery Recharge Time: 1 Hour

Ratings/Features

No-contact Disinfection

Special Orders - Special Requirements

Field Replaceable Battery: NO
Runtime: 8 Hours per Full Charge
Area Coverage per Charge: 40 Acres (5 Acres per Hour)
Charger Voltage: 220 V, 50/60 Hz
Package Contents: Cordless Sprayer, Cannon, Battery, Wall Charger, (3) Nozzles, Tank w/ Lid

Contact us for special requirements
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The Larson Electronics IND-MD-DF-ESF-R3-220V Portable Battery-powered Electrostatic Sprayer & Cannon is a no-contact disinfection solution for hard-to-reach surfaces in work sites, outdoor areas, gyms, offices, daycare centers, warehouses, airports, healthcare facilities, and more. This wireless device sprays a mist consisting of a sanitizing agent, which applies an even coating on surfaces and equipment. Equipped with a 4.22-gallon tank capacity, the sprayer comes with a power charger, 10aH lithium-ion battery, three nozzles, and tank with lid.

******PLEASE NOTE: Chemicals are not included with the unit.******

The IND-MD-DF-ESF-R3-220V disinfects hard-to-reach surfaces, areas, and odd-shaped equipment without contact. This portable electrostatic unit is equipped with a 4.22-gallon tank capacity that holds the sanitizing agent. When using the sprayer wand, the device turns the liquid solution into a mist (median drop diameter of =120µm) as the mixture is released into the area. For best results, a 6.56` spraying distance between the sprayer and the target surface should be observed during application. This device has a working pressure of 0.15-0.4 Mpa and a flow rate of 3.17 gallons per hour when using the wand attachment.

When using the cannon, the device turns the liquid solution into a mist (median drop diameter of 50-90µm) as the mixture is released into the area. For best results, a 19.68` spraying distance between the cannon and the target surface should be observed during application. This device has a working pressure of 0.15-0.4 Mpa and a flow rate of 4.75 gallons per hour. In addition to sanitation, the portable sprayer can be used for pest control and plant fertilization (using various liquid material, soluble powder, or emulsion).

Battery: The IND-MD-DF-ESF-R3-220V is powered by an 10aH lithium-ion battery, which offers a runtime of 8 hours per full charge. A wall charger that operates on 220 V, 50/60 Hz is included with the unit. The battery is only replaceable for repair and is NOT field replaceable to extend runtime. From a completely depleted state, the battery will take 1 hour to fully recharge.

Mount: Equipped with a handle, this wireless disinfection device is designed for portable use to allow maximum reach of areas and surfaces.

Suggested Applications: Industrial sites, manufacturing facilities, warehouses, outdoor areas, factories, farms, airports, gyms, offices, daycare centers, hospitals, workshops, labs, and more.

At Larson Electronics, we do more than meet your lighting needs. We also provide replacement, retrofit, and upgrade parts as well as industrial grade power accessories. Our craftsmen can custom build any lighting system and/or accessories to fit the unique demands of your operation. A commitment to honesty, quality, and dependability has made Larson Electronics a leader in the lighting and electronics business since 1973. Contact us today at 800-369-6671 or message sales@larsonelectronics.com for more information about our custom options tailored to meet your specific industry needs.

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Frequently Asked Questions (FAQ)

There are no Faqs



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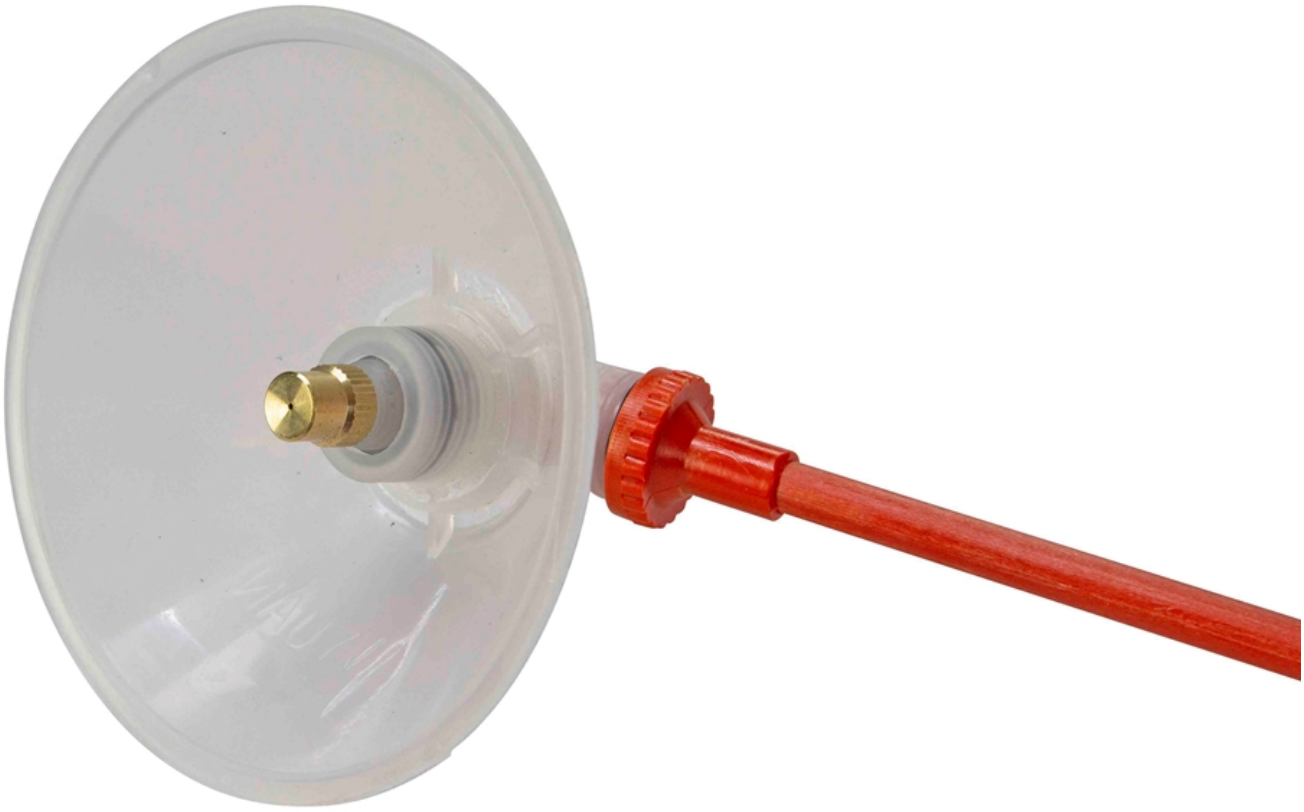


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Export Control Classification Number (ECCN): EAR99

Links (Click on the below items to view):

- **CE Certificate**(https://www.larsonelectronics.com/images/product/CECert/270419.PDF)
- **FCC Certificate (Federal Communications Commission, USA)**(https://www.larsonelectronics.com/images/product/FCCCert/270419.PDF)
- **MSDS (Material Safety Data Sheet**(https://www.larsonelectronics.com/images/product/Msds/270419.PDF)
- **Operations Manual**(https://www.larsonelectronics.com/images/product/Manual/270419.PDF)
- **HigResPic1**(https://www.larsonelectronics.com/images/product/HigResPic1/270419.JPG)
- **HigResPic2**(https://www.larsonelectronics.com/images/product/HigResPic2/270419.JPG)
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- **HigResPic7**(https://www.larsonelectronics.com/images/product/HigResPic7/270419.JPG)
- **Video1**(https://www.youtube.com/watch?v=BrTT2kwe_RQ)
- **Video2**(https://www.youtube.com/watch?v=p9RRgjlXbXM)
- **Video3**(https://www.youtube.com/watch?v=dN7CPaquhlQ)
- **Video4**(https://www.youtube.com/watch?v=RM7jufj4wy4)
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