Ground Strap for Electrostatic Sprayers
Instruction Manual

Thank you for your purchase of the Larson Electronics IND-MD-DF-ESF-XX-SP1349.

WARNING:

READ CAREFULLY BEFORE INSTALLING FIXTURE. RETAIN THESE INSTRUCTIONS FOR FUTURE REFERENCE.
CRITICAL SAFETY INSTRUCTIONS:

- INSTALLATION SHOULD ONLY BE CONDUCTED BY A QUALIFIED ELECTRICIAN IN ACCORDANCE WITH NEC AND ANY RELEVANT LOCAL BUILDING CODES.
- RISK OF FIRE OR ELECTRIC SHOCK. FIXTURE INSTALLATION REQUIRES KNOWLEDGE OF FIXTURE'S ELECTRICAL SYSTEMS. IF NOT QUALIFIED, CONTACT A QUALIFIED ELECTRICIAN.
- BE CERTAIN ELECTRICAL POWER IS OFF BEFORE AND DURING INSTALLATION AND MAINTENANCE.
- MAKE SURE THE SUPPLY VOLTAGE IS THE SAME AS THE FIXTURE'S RATED VOLTAGE.
- TO PREVENT WIRING DAMAGE OR ABRASION, DO NOT EXPOSE WIRING TO EDGES OF SHEET METAL OR SHARP OBJECTS. SUITABLE FOR DAMP LOCATIONS.

Warnings and Safety

- This sprayer should only be operated and maintained by someone who is familiar with it's operation and correct maintenance practices as outlined in this manual.
- Larson Electronics is not liable for decreased reliability, damages, or injuries due to improper maintenance or modifications to the sprayer.
- Be sure the lid is completely tightened before operating. ***Spillage could be poisonous*** and cause skin irritation or other injury. Clean the outside of the tank if any spillage occurs, and immediately clean skin if you come in contact with the chemicals inside.
- Wear eye protection and gloves when filling the sprayer, ***avoid contact with skin and eyes*** while filling and during operation.
- Liquids being put into the tank must be filtered clean of particles in order to keep the nozzle from becoming clogged. ***Do not use powders*** in the tank as this will cause buildup and clog the nozzle. If using soluble solutions, mix them outside the tank and then filter before pouring into the tank.
- ***ALWAYS REVIEW THE SAFETY INFORMATION AND WARNINGS FOR THE CHEMICALS USED IN THIS SPRAYER.*** Larson Electronics is not responsible for any injury associated with the chemicals used in the sprayer. Avoid using chemicals that are corrosive to metal or plastic. Always wear protective equipment to avoid ingesting or coming into contact with harmful chemicals.
- ***Do not*** use this sprayer in an explosive or flammable environment.
- ***Always keep the sprayer dry and clean***. Do not submerge in water or use in overly wet location to protect the motor and electronics from water damage.
- ***The use of strong acids or bases is prohibited***. Other chemicals should be used in accordance with manufacturer instructions and safety warnings.
- Battery contains high voltage, ***DO NOT*** disassemble the sprayer yourself as electric shock could occur.
- Avoid contact with other persons during operation. Avoid touching the spray rod and charging port during operation.
- Place a megaohmmeter in the area needing to be tested to make sure you have a true earth ground.
- ***Avoid all possible insulators:***
    - Do not wear insulated or rubber shoes. We recommend leather soles.
    - Do not stand on paper unless it is conductive.
    - Make sure the floor is clean and dry. Any liquid overspray on the ground can act as an insulator.
- It is recommended to use a grounding strap. If using a grounding strap, make sure to always wear it during operation. These are not included with unit.
- Grounding straps can be connected to the unit by clamping to the cable attachment found on bottom of the unit.

Ground Strap for Electrostatic Sprayers. This aids to prevent electrostatic shock from using electrostatic sprayers

INSTALLATION

- Disconnect unit from power and ensure there is no remaining liquid contained in the unit.
- Disconnect current grounding strap from the base of the unit.
- If no grounding strap is connected to the unit, locate the cable attachment found on the bottom of the unit then connect the grounding strap to it.
- Fill the unit back up with desired liquid and connect to power.
- Carefully follow main unit's instructions to properly use.

USE AND CARE

Unauthorized modification may impair the function and/or safety of this device and could affect the life of the equipment. Always check for damaged or worn out parts before using the device. Store it in a secure place out of the reach of children when not in use. Inspect for good working condition prior to storage and before re-use.

REPLACEMENT PARTS

The IND-MD-DF-ESF-XX-SP1349 is designed to provide years of reliable performance. Should the need for replacement parts arise, please contact Larson Electronics.

THESE INSTRUCTIONS MAY NOT COVER ALL DETAILS OR VARIATIONS OF THIS PRODUCT FOR YOUR EQUIPMENT OR INSTALLATION REQUIREMENTS. SHOULD FURTHER INFORMATION NOT COVERED BY THESE INSTRUCTIONS BE REQUIRED, PLEASE CONTACT LARSON ELECTRONICS BY EMAIL AT SALES@LARSONELECTRONICS.COM OR BY PHONE AT 1-800-369-6671 FOR FURTHER ASSISTANCE.

PLEASE VISIT LARSONELECTRONICS.COM FOR **WARRANTY** AND **RETURN** INFORMATION.