

Electric Explosion Proof 16" Blower Ventilator 4450CFM- 220VAC - C1D1 - 30' Cord w/ Schuko Plug

Thank you for your purchase of the Larson Electronics EPF-E16 series portable blower ventilator.

WARNING

TO AVOID THE RISK OF FIRE, EXPLOSION OR ELECTRIC SHOCK, THIS PRODUCT SHOULD BE INSTALLED, INSPECTED AND MAINTAINED BY A QUALIFIED ELECTRICIAN ONLY, IN ACCORDANCE WITH ALL APPLICABLE ELECTRICAL CODES.

TO AVOID ELECTRIC SHOCK:

- BE CERTAIN ELECTRICAL POWER IS OFF BEFORE AND DURING INSTALLATION AND MAINTENANCE.
- PRODUCT MUST BE CONNECTED TO A WIRING SYSTEM WITH AN EQUIPMENT-GROUNDING CONDUCTOR.

TO AVOID EXPLOSION:

- MAKE SURE THE SUPPLY VOLTAGE IS WITHIN THE VOLTAGE RATING.
- ENSURE THE MARKED T RATING IS LESS THAN THE IGNITION TEMPERATURE OF THE HAZARDOUS ATMOSPHERE.
- DO NOT OPERATE IN AMBIENT TEMPERATURES ABOVE THOSE INDICATED ON THE PRODUCT NAMEPLATE.
- DO NOT OPERATE IF THE LENS, CORD, SEALS, HOUSING, RECEPTACLES, ETC. IS CRACKED OR DAMAGED. IF SO, DISCONTINUE USE AND CONTACT MANUFACTURER FOR REPLACEMENT PARTS.
- ALL FASTENERS SHOULD BE PROPERLY SEATED.
- **STANDARD PLUG AND TRANSFORMER MUST ONLY BE CONNECTED TO A RECEPTACLE LOCATED OUTSIDE THE HAZARDOUS AREA!**

The EPF-E16-4450-220V-SCHUKO from Larson Electronics is an Explosion Proof Box Fan / Blower with 15 Foot Static Conductive Duct that safely and effectively redirects stale air from hazardous location areas. This explosion proof blower meets UL and ATEX standards for hazardous locations and provides high 4450+ CFM output for effective airflow in larger spaces. The EPF-E16-4450-220V-SCHUKO is designed for use with 220V AC electrical power and is equipped with a 30' line-in cord that is terminated in a European Schuko cord cap.

MOUNTING

This portable, electric explosion proof blower ventilator fan is suitable for confined spaces and is approved to UL and ATEX safety standards for hazardous locations. The fan is enclosed in a non-sparking square box frame with stabilizer feet attached at the bottom to ensure it remains upright during use. Using the built in carrying handles at the top and/or sides, position the fan on a flat, sturdy surface in the desired location. Fan can be used as an intake or exhaust fan, just position accordingly so the airflow goes in the desired direction. Attach 15' static conductive duct on either the intake or exhaust side to be used and position as desired, such as through a manhole or ventilation intake/exhaust hole.

WIRING

Warning: Check product label for correct input voltage!

The cord cap is NOT explosion proof and must be connected OUTSIDE the hazardous area.

This unit comes pre-wired from factory with the selected cord cap. Take precautionary steps for weatherproofing all connections if installed in a location where water may come in contact with the unit. All outdoor installations and indoor installations near a wet location require the use of a GFCI device for safety, according to the National Electrical Code® (NEC). See additional GFCI information on Page 2. Ensure the unit is properly grounded, and ground strap from static conductive duct is connected* to the ground lug on the outside of the fan housing. Included with this unit is 30 feet of cord fitted with a two pin 16 amp rated Schuko plug for European outlets up to 250V. Run cord to suitable power source **outside of the hazardous area** and connect. Use power selector switch to turn unit on/off. Always follow all applicable local and national electrical code when using.



*Install a suitable piece of conductive wire to the ground lug and attach the ground wire from the duct as shown.

GROUND-FAULT CIRCUIT INTERRUPTER (GFCI)

In the event of a ground fault, a GFCI will trip and quickly stop the flow of electricity to prevent serious injury.

Definition of a ground fault:

Instead of following its normal safe path, electricity passes through a person's body to reach the ground. For example, a defective appliance can cause a ground fault.

A GFCI receptacle does **NOT** protect against circuit overloads, short circuits, or shocks. For example, you can still be shocked if you touch bare wires while standing on a non-conducting surface, such as a wood floor.

NOTE:

GFCI's contain a lockout feature that will prevent RESET if:

- There is no power being supplied to the GFCI.
- The GFCI is miswired due to reversal of the LINE and LOAD leads.
- The GFCI cannot pass its internal test, indicating that it may not be able to provide protection in the event of a ground fault.

GFCI TEST

Use an approved GFCI tester or plug an electrical device, such as a lamp into the receptacle on which you are working. Turn the lamp or device ON. Then, press the TEST button on the GFCI box and power should immediately be switched off. If not, contact an electrician. Press the RESET button to restore power.

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 EPF-E16-4450-220V-SCHUKO 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 1-877-348-9680 FOR FURTHER ASSISTANCE.

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