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EPF-RME-24-1HP-3P

24" Explosion Proof Exhaust Fan - 6860 CFM - 1HP, 230-480V AC Three Phase - Roof Mounted

Product ID: 276785

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



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.

EPF-RME-24-1HP-3P Explosion Proof Ventilation Fan

Listing: United States

Type: Explosion Proof Roof Mounted Exhaust Fan

Propeller Dimensions: 24" - Diameter

Weight: -

Voltage: Multi-Voltage - 230-480 V AC 3-Phase

Motor: 1 HP Fully Enclosed Explosion Proof

Rotations Per Minutes (RPM): 1,750

Peak CFM (@ 0" SP): 6,860

Max Sound Levels @ 5': 35.4 (sones), 79.67 (db)

Materials: Non-Sparking Aluminum, Spun Aluminum

Mounting: Roof/Ceiling Mount

Wiring: Hard-Wire

Ratings/Features

Class I, Divisions 1 & 2 Group D

Class II, Divisions 1 & 2 Groups F & G

Rated for Hazardous Environments

Built-in Bird Screen

Special Orders - Special Requirements

Contact us for special requirements

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The EPF-RME-24-1HP-3P from Larson Electronics is an Explosion Proof Exhaust Fan for use in flammable environments. Equipped with a built-in

bird screen, this unit operates on 3-phase 230-480 V AC. The 1 horsepower (HP) explosion proof fan is constructed of non-sparking/spun aluminum and is compatible with roof/ceiling mounting applications.

The EPF-RME-24-1HP-3P explosion proof fan is rated for Class I, Group D and Class II, Groups F & G hazardous environments. This 3-phase explosion proof ventilation fan has a 1 HP fully enclosed motor that can spin the propeller at a rate of 1,750 rotations per minute (RPM). Capable of achieving 6,860 cubic feet per minute (CFM), the explosion proof exhaust fan features a built-in bird screen.

The explosion proof fan is constructed of non-sparking and spun aluminum, resulting in a lightweight unit. The 24" diameter propeller on this explosion proof high pressure ventilation fan resists sparking, further increasing the safety of the hazardous environment in which the fan is being utilized.

Voltage: The EPF-RME-24-1HP-3P is multi-voltage capable and can operate on voltages ranging from 230-480 V AC.

Wiring: The explosion proof exhaust fan is a hard-wired unit that should be installed according to national, state and local electrical and mechanical codes.

Mounting: Operators may mount the fan on ceilings or roofings during installation.

Applications: Class I, Group D and Class II, Groups F & G hazardous areas that require ventilation including but not limited to the following: clean rooms, marijuana extraction rooms, laboratory hoods, oil refineries, grain mills, chemical plants, welding shops, chemical storage areas and battery changing areas.

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)


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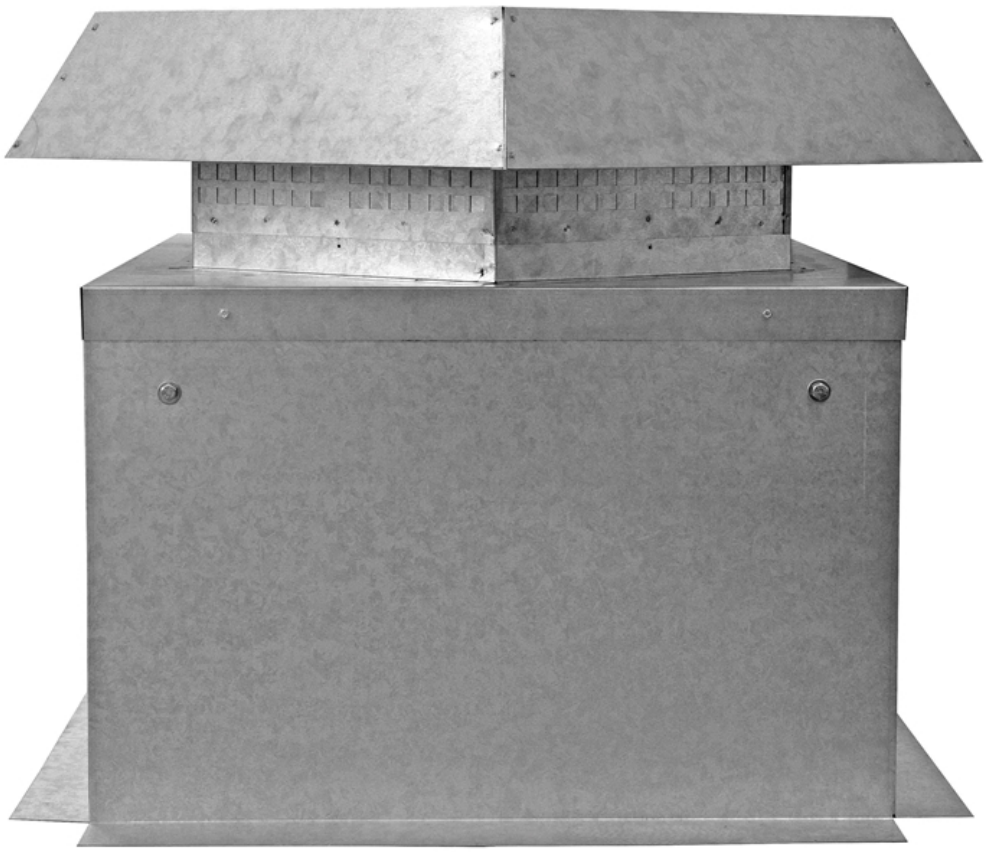
EPF-RME-24-1HP-3P





Export Control Classification Number (ECCN): EAR99

Links (Click on the below items to view):

- Canadian CEC Certificate (Commonly referred to as CSA Certificate)
- CE Certificate
- Certificate 1, Misc
- Certificate 2, Misc
- Certificate 3, Misc
- Dimensional Drawing 2D
- MSDS (Material Safety Data Sheet
- Operations Manual
- RoHS Certificate (Restriction of Hazardous Substances)
- STEP File (3D CAD Model)
- USA NEC Certificate (Commonly referred to as UL Certificate)
- Wiring Diagram
- HigResPic1
- HigResPic2
- HigResPic3
- HigResPic4
- Video1
- ISO 9001 Certification
- Business Certificate
- Shipping Time Map