

EPF-RME-18-0.5HP-3P-480V

18" Explosion Proof Exhaust Fan - 3990 CFM - 1/2HP, 480V AC 3PH - Roof Mount

Product ID: 265173

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



Image: EPF-RME-18-0.5HP-3P-480V

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-18-0.5HP-3P-480V Explosion Proof Ventilation Fan

Listing: NRTL Listed for United States

Type: Explosion Proof Roof Mounted Exhaust Fan

Dimensions*: 33.45"D x 30.25"W x 30.97"H

Weight*: 150 Lbs

Voltage: 480V AC

Phase: Three Phase

Motor: 1/2 HP Fully Enclosed Explosion Proof

Rotations Per Minutes (RPM): 1,750

Peak CFM (@ 0" SP): 3,990

Max Sones @ 5': 23

Materials: Non-Sparking Aluminum, Spun Aluminum

Mounting: Roof/Ceiling Mount

Wiring: Hard-Wire

*These numbers are approximates and subject to changes

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

Toll Free: 1-800-369-6671

Intl: 1-903-270-1187

Fax: 1-903-765-7664

E-mail: sales@larsonelectronics.com

The EPF-RME-18-0.5HP-3P-480V from Larson Electronics is an Explosion Proof Exhaust Fan for use in flammable environments. Equipped with a built-in bird screen, this multi-tap unit operates on three-phase 480V AC. The 1/2 horsepower (HP) explosion proof fan is constructed of non-sparking/spun aluminum and is compatible with roof/ceiling

mounting applications.

The EPF-RME-18-0.5HP-3P-480V explosion proof fan is rated for Class I, Group D and Class II, Groups F & G hazardous environments. This three-phase explosion proof ventilation fan has a 1/2 HP fully enclosed motor that can spin the propeller at a rate of 1,750 rotations per minute (RPM). Capable of achieving 3,990 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 18" 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-18-0.5HP-3P-480V operates on three-phase 480V 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.

Mount: 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.



Frequently Asked Questions (FAQ)

There are no Fags



Image: EPF-RME-18-0.5HP-3P-480V



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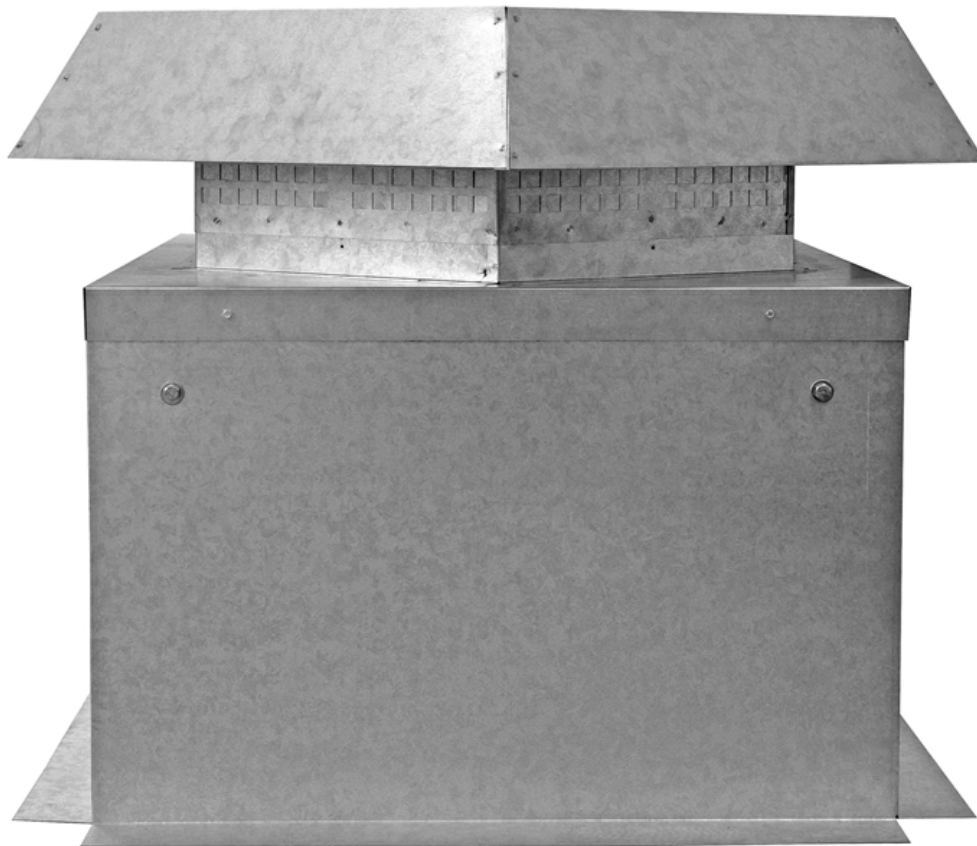


Image: EPF-RME-18-0.5HP-3P-480V



Export Control Classification Number (ECCN): EAR99

Links (Click on the below items to view):

- **Canadian CEC Certificate (Commonly referred to as CSA Certificate)**(<https://www.larsonelectronics.com/images/product/CECCert/265173.PDF>)
- **CE Certificate**(<https://www.larsonelectronics.com/images/product/CECert/265173.PDF>)
- **Certificate 1, Misc**(<https://www.larsonelectronics.com/images/product/Cert1/265173.PDF>)
- **Certificate 2, Misc**(<https://www.larsonelectronics.com/images/product/Cert2/265173.PDF>)
- **Certificate 3, Misc**(<https://www.larsonelectronics.com/images/product/Cert3/265173.PDF>)
- **Dimensional Drawing 2D**(<https://www.larsonelectronics.com/images/product/DimensionalDrawing/265173.PDF>)
- **MSDS (Material Safety Data Sheet)**(<https://www.larsonelectronics.com/images/product/Msds/265173.PDF>)
- **Operations Manual**(<https://www.larsonelectronics.com/images/product/Manual/265173.PDF>)
- **RoHS Certificate (Restriction of Hazardous Substances)**(<https://www.larsonelectronics.com/images/product/RoHSCert/265173.PDF>)
- **STEP File (3D CAD Model)**(<https://www.larsonelectronics.com/images/product/Step/265173.ZIP>)
- **USA NEC Certificate (Commonly referred to as UL Certificate)**(<https://www.larsonelectronics.com/images/product/NECCert/265173.PDF>)
- **Wiring Diagram**(<https://www.larsonelectronics.com/images/product/WiringDiagram/265173.PDF>)
- **HigResPic1**(<https://www.larsonelectronics.com/images/product/HigResPic1/265173.JPG>)
- **HigResPic2**(<https://www.larsonelectronics.com/images/product/HigResPic2/265173.JPG>)
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