Larson Electronics LLC
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EPF-RME-18-0.5HP-PR-M1

18" Explosion Proof Exhaust Fan - 3990 CFM - 1/2HP, Multi-tap 115/230V 1PH 60Hz - Pitched Roof Mounted

Product ID: 272302

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-18-0.5HP-PR-M1 Explosion Proof Ventilation Fan

Listing: United States
Type: Explosion Proof Pitched Roof Mounted Exhaust Fan
Propeller Dimensions: 18" - Diameter
Roof Pitch Options: 4/12 Pitch, 5/12 Pitch, 6/12 Pitch, 8/12 Pitch, 9/12 Pitch, 10/12 Pitch, 12/12 Pitch, 20/12 Pitch
Weight: -
Voltage: Multi-tap - 115/230V AC, 60Hz
Phase: Single Phase
Motor: 1/2 HP Fully Enclosed Explosion Proof
Rotations Per Minutes (RPM): 1,750
Peak CFM (@ 0" SP): 3,990
Max Sound Levels @ 5`: 23 (sones), 73.21 (db)
Materials: Non-Sparking Aluminum, Spun Aluminum
Mounting: Pitched 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

Toll Free: 1-800-369-6671
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Fax: 1-903-498-3364
E-mail: sales@larsonelectronics.com

The EPF-RME-18-0.5HP 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 single-phase 115/230V AC 60Hz. The 1/2 horsepower (HP) explosion proof fan is constructed of non-sparking/spun aluminum and is compatible with pitched roof/ceiling mounting applications.

The EPF-RME-18-0.5HP explosion proof fan is rated for Class I, Group D and Class II, Groups F & G hazardous environments. This single-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 is multi-tap capable and can operate on single-phase 115/230V AC 60Hz.

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. The mounting bracket allows for customers to mount the this explosion proof exhaust fan to a pitched roof. When installed, the fan mounting bracket will allow the exhaust fan to remain in the upright vertical position. Please choose roof pitch when ordering, as they are not adjustable. To determine roof pitch, measure the horizontal runner length to the vertical riser. a 4/12 pitch roof will have a 12-foot horizontal runner and a 4-foot vertical riser. Standard houses typically range between 4/12 to 9/12 pitch.

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-18-0.5HP-PR-M1

Product ID: 272302

Export Control Classification Number (ECCN): EAR99

Options:

EPF-RME-18-0.5HP-PR-M1-Roof Pitch

Example: EPF-RME-18-0.5HP-PR-M1-4.12P

Roof Pitch	
4/12 PITCH	-4.12P
5/12 PITCH	-5.12P
6/12 PITCH	-6.12P
8/12 PITCH	-8.12P
9/12 PITCH	-9.12P
10/12 PITCH	-10.12P
12/12 PITCH	-12.12P
20/12 PITCH	-20.12P

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**
- **MSDS (Material Safety Data Sheet**
- **RoHS Certificate (Restriction of Hazardous Substances)**
- **USA NEC Certificate (Commonly referred to as UL Certificate)**
- **Wiring Diagram (Oneline)**
- **HigResPic1**
- **Video1**
- **ISO 9001 Certification**
- **Business Certificate**
- **Shipping Time Map**