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EPF-DDEF-24-0.5HP-220V.50HZ

24" Explosion Proof Fan - Class I, II Div 1 - 6140 CFM - 1/2 HP - 220V, 50Hz - Prop Guard/Wall Mount

Product ID: 264970

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-DDEF-24-0.5HP-220V.50HZ Explosion Proof Wall Mount Ventilation Fan
Listing: NRTL Listed for United States and Canada
Dimensions: 29" x 29 1/2"
Propeller Dimensions: 24" Diameter
Blade Pitch: 19°
Weight: 68 lbs
Voltage: 220V, 50Hz
Motor: 1/2 HP
CFM (Free Air): 6140
CFM Range (Free Air): 5001 - 10000
Rotations Per Minutes (RPM): 1725
Drive Type: Direct
Wings: 3
Schaefer Performance Test No: 774
Speeds: 1 (Non-oscillating)
Protection: Thermal, Propeller Guards, Louvers
Speed Control/VFD Compatible: No
Nameplate Amps: 4.9A @ 230V
Materials: Aluminum, Polyethylene, Powder Coated steel
Mount: Wall
Guard Spacing: 1/2"
Wiring: -
Color: Gray Housing, Black Guard

Ratings/Features
Class I, Division 1, Groups C,D
Class II, Division 1, Groups E,F,G

Special Orders - Special Requirements
Contact us for special requirements
Toll Free: 1-800-369-6671
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E-mail: sales@larsonelectronics.com

The EPF-DDEF-24-0.5HP-220V.50HZ from Larson Electronics is a heavy-

duty explosion proof ventilation fan that operates on 220V AC voltage. This explosion proof unit features a 24" diameter spark resistant cast aluminum blade that moves air at a rate of 6140 cubic feet per minute (CFM) for superior ventilation and air movement. The EPF-DDEF-24-0.5HP-220V.50HZ is powered by a fully enclosed and explosion proof 1/2 horsepower motor.

PLEASE NOTE: ANY FREE SHIPPING OFFERS DO NOT APPLY TO THIS PRODUCT

The EPF-DDEF-24-0.5HP-220V.50HZ explosion proof fan is rated for Class I and II hazardous environments. The 24" diameter propeller on this explosion proof ventilation fan contains a blade pitch of 19 degrees and is constructed from cast aluminum to resist sparking, further increasing the safety of the hazardous environment in which the fan is being utilized. This single-phase direct drive fan has a 1/2 horsepower motor that can spin the propeller at a rate of 1725 RPM. Equipped with three wings, this fan is protected by a polyethylene housing and a powder coated steel guard. Protective features include: thermal, propeller guard and louvers. The non-oscillating unit is not speed control and VFD compatible.

Voltage: The EPF-DDEF-24-0.5HP-220V.50HZ explosion proof ventilation fan operates on 220V AC, 50 Hz.

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

Mount: The EPF-DDEF-24-0.5HP-220V.50HZ is designed for wall mounting applications.

Applications: Class I, Group C & D and Class II, Groups E, 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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Export Control Classification Number (ECCN): EAR99

Links (Click on the below items to view):

- **Operations Manual**
- **Wiring Diagram**
- **HigResPic1**
- **HigResPic2**
- **HigResPic3**
- **HigResPic4**
- **HigResPic5**
- **HigResPic6**
- **ISO 9001 Certification**
- **Business Certificate**
- **Shipping Time Map**