Larson Electronics LLC
9419 E US HWY 175, Kemp, TX 75143
Phone: 800.369.6671

www.LarsonElectronics.com
Email: sales@LarsonElectronics.com
Fax: 903.765.7664

EPF-DDEF-20-0.5HP-240V.60HZ

20" Explosion Proof Fan - Class I, II Div 1 - 3520 CFM - 1/3 HP - 240V, 60Hz - Prop Guard/Wall Mount

Product ID: 278617

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



Image: EPF-DDEF-20-0.5HP-240V.60HZ

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-20-0.5HP-240V.60HZ Explosion Proof Wall Mount Ventilation Fan

Listing: NRTL Listed for United States and Canada
Dimensions: 23 1/2" x 24 3/4"
Propeller Dimensions: 20" Diameter
Blade Pitch: 21°
Weight: 51 lbs
Voltage: 240V,60Hz
Motor: 1/3 HP
CFM (Free Air): 3520
CFM Range (Free Air): 2501 - 5000
Rotations Per Minutes (RPM): 1725
Drive Type: Direct
Wings: 3
Schaefer Performance Test No: 772
Speeds: 1 (Non-oscillating)
Protection: Thermal, Propeller Guards, Louvers
Speed Control/VFD Compatible: No
Nameplate Amps: 1.8A @ 230V
Materials: Aluminum, Polyethylene, Powder Coated steel
Mount: Wall
Guard Spacing: 1/2"

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
Intl: 1-903-270-1187

Wiring: -
Color: Gray Housing, Black Guard

Fax: 1-903-765-7664
E-mail: sales@larsonelectronics.com

The EPF-DDEF-20-0.5HP-240V.60HZ from Larson Electronics is a heavy-duty explosion proof ventilation fan that operates on 240V AC voltage. This explosion proof unit features a 20" diameter spark resistant cast aluminum blade that moves air at a rate of 3520 cubic feet per minute (CFM) for superior ventilation and air movement. The EPF-DDEF-20-0.5HP-240V.60HZ is powered by a fully enclosed and explosion proof 1/3 horsepower motor.

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

The EPF-DDEF-20-0.5HP-240V.60HZ explosion proof fan is rated for Class I and II hazardous environments. The 20" diameter propeller on this explosion proof ventilation fan contains a blade pitch of 21 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 1/3 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-20-0.5HP-240V.60HZ explosion proof ventilation fan operates on 240V AC, 60 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-20-0.5HP-240V.60HZ 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)

There are no Faqs

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Export Control Classification Number (ECCN): EAR99

Links (Click on the below items to view):

- **Operations Manual**(https://www.larsonelectronics.com/images/product/Manual/278617.PDF)
- **HigResPic1**(https://www.larsonelectronics.com/images/product/HigResPic1/278617.JPG)
- **HigResPic2**(https://www.larsonelectronics.com/images/product/HigResPic2/278617.JPG)
- **HigResPic3**(https://www.larsonelectronics.com/images/product/HigResPic3/278617.JPG)
- **HigResPic4**(https://www.larsonelectronics.com/images/product/HigResPic4/278617.JPG)
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