Larson Electronics LLC
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Phone: 800.369.6671

www.LarsonElectronics.com
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Product ID: 153627

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



Image:

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-DDB-PM-18-0.25HP-3P-480V Explosion Proof Fan
Type: Direct Drive Fan
Propeller Dimensions: 18" Diameter
Propeller Material: Non-Sparking Cast Aluminum
Weight: 80 lbs
Voltage:480V 3 Phase
Motor: 1/4 HP Fully Enclosed Explosion Proof
Rotations Per Minutes (RPM): 1,725
Peak CFM: 3,450
Decibels @ 10`: 74
Mounting: Pedestal Base Stand
Wiring: Customer Provided
Cord Cap: Customer Provided

Ratings/Features
Class I, Division 1 & 2, Group D
Class II, Division 1 & 2, Groups F & G
Non-Sparking Propeller
Up To 3,450 CFM Air Movement
Rated for Hazardous Environments
Made in the USA

Special Orders- Requirements
Contact us for special requirements

Toll Free: 1-800-369-6671
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Made in the USA

The EPF-DDB-PM-18-0.25HP-3P-480V from Larson Electronics is a high pressure, high volume explosion proof ventilation fan that operates on 480V 3 Phase. This high volume explosion proof direct drive fan features an 18" diameter non-sparking cast aluminum blade that moves air at a rate of up to 3,450 cubic feet per minute (CFM) for superior ventilation and air movement. The unit is powered by a fully enclosed and explosion proof 1/4 horsepower motor and is mounted on top of a pedestal base stand.

The EPF-DDB-PM-18-0.25HP-3P-480V explosion proof direct drive fan is rated for Class I, Group D and Class II, Groups F & G hazardous environments. The 18" diameter propeller on this explosion proof direct drive fan 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 explosion proof direct drive fan has a 1/4 horsepower fully enclosed motor that can spin the propeller at a rate of 1,725 RPM.

Voltage: The EPF-DDB-PM-18-0.25HP-3P-480V explosion proof ventilation fan operates on 480V 3 Phase.

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.

Made in USA Quality

1. Fully enclosed explosion proof 1/4 HP motor.
2. Non-sparking cast aluminum 18" diameter propeller.
3. Class I, Group D and Class II, Groups F & G rated.
4. Multi-voltage capable.
5. Moves up to 3,450 cubic feet of air per minute.
6. Fully assembled and ready to install.

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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):

- **Canadian CEC Certificate (Commonly referred to as CSA Certificate)**(https://www.larsonelectronics.com//images/product/CECCert/153627.PDF)
- **CE Certificate**(https://www.larsonelectronics.com//images/product/CECert/153627.PDF)
- **Certificate 1, Misc**(https://www.larsonelectronics.com//images/product/Cert1/153627.PDF)
- **Certificate 2, Misc**(https://www.larsonelectronics.com//images/product/Cert2/153627.PDF)
- **Certificate 3, Misc**(https://www.larsonelectronics.com//images/product/Cert3/153627.PDF)
- **MSDS (Material Safety Data Sheet**(https://www.larsonelectronics.com//images/product/Msds/153627.PDF)
- **RoHS Certificate (Restriction of Hazardous Substances)**(https://www.larsonelectronics.com//images/product/RoHSCert/153627.PDF)
- **USA NEC Certificate (Commonly referred to as UL Certificate)**(https://www.larsonelectronics.com//images/product/NECCert/153627.PDF)
- **HigResPic1**(https://www.larsonelectronics.com//images/product/HigResPic1/153627.JPG)
- **ISO 9001 Certification**(http://larsonelectronics.com/images/pdfdocs/ISO9001.PDF)
- **Business Certificate**(https://www.larsonelectronics.com/images/pdfdocs/w9.PDF)
- **Shipping Time Map**(https://www.larsonelectronics.com/images/product/ShippingTimeMap/ShippingTimeMap.pdf)