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-E16-4450-12VDC

Electric Explosion Proof Blower / Ventilator, 12V DC, 4450 CFM, 16 inch, Class 1 Division 1

Product ID: 331889



Image: EPF-E16-4450-12VDC

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-E16-4450-12VDC Explosion Proof Fan/Blower
Dimensions: 19"-W x 18"-H x 12"-D
Weight: 61 lb
Noise Level : 90 Db
Motor: 1.5 HP, 1.1 Kw
Voltage: 12V DC
Horsepower: 1.5 (1.1kw)
Inrush amps (Start): 80A
Continuous Amps (Run): 15A
Fan Type: Box Fan/Blower
CFM Delivery : 4450+
Ambient Operating Temp: -20 to 180 Degrees Fahrenheit
Wiring: 30 Foot Cord w/ Plug
Click here to see the airflow curve chart for this fan.

UL and ATEX Approvals
Class I, Divisions 1 & 2, Group D
Class II, Divisions 1 & 2, Groups E, F and G
ATEX II 2 G EX d IIB T6
T6 Temperature Rating

Special Orders - Special Requirements
Contact us for special requirements
Toll Free: 1-800-369-6671
Intl: 1-214-616-6180
Fax: 1-903-765-7664
E-mail: sales@larsonelectronics.com

Made in the USA

The EPF-E16-4450-12VDC from Larson Electronics is a 12V DC Explosion Proof Box Fan / Blower with 15' Static Conductive Duct that safely and effectively redirects stale air from hazardous location areas. This explosion proof blower meets UL and ATEX standards for hazardous locations and provides high 4450+ CFM output for effective airflow in larger spaces.

Please Note: Any free shipping offers do not apply to explosion proof fans*

This portable, electric explosion proof blower (exhaust fan) is suitable for confined spaces and is approved to UL and ATEX safety standards for hazardous locations. This fan features a high efficiency 1.5 hp motor which is fully encapsulated and a precision balanced, non sparking aluminum blower blade for high output and protection against accidental ignitions. This fan has 16 inch intake and exhaust flanges and produces over 4,450 CFM of air output for excellent movement of air in large areas.

Other features include a light weight/high strength, anti-static glass reinforced ABS housing that is corrosion proof and chemical resistant with an IP65 rated and rain tested switch enclosure. This box blower/fan operates on 12V DC with an 18 amp initial draw and 5 amp constant draw from the 1.5 horsepower motor after startup. Included with this unit is 30 feet of cord fitted with a plug.

Note on Explosion Proof Fans: Can be used as an intake and an exhaust fan.



Click Photo to Enlarge

Features

- 1.5 HP 1.1 kW electric motor, 12V DC - 18 amps start and 5 amps run
- 90 dB noise level
- 16 inch intake and exhaust flange
- 4450+ cfm free air delivery (3180 CFM with 90 degree bend with 15' duct)
- Approved for Class I Group D and Class II Groups E, F, G
- Aluminum non-sparking blower blade is precision balanced
- IP65 rain tested switch enclosure
- High strength, anti-static glass reinforced ABS housing is lightweight, corrosion proof and chemical resistant
- Reversible duct adapter
- Pre-Wired With 30' Cord and a plug

The included 15 foot long duct is a single-ply polyester reinforced PVC vinyl fabric hose design with an external wear strip reinforced with a spring steel wire helix. It is lightweight for blower applications and highly compressible. The retractability of the static conductive duct allows for convenient storage and easy transport in a fraction of its fully extended length and has low friction loss. The wear strip offers external abrasion resistance, and is listed as YL 94 V-0 flame retardant. Ambient operating temperature fro this unit ranges from -20 degrees to 180 degrees Fahrenheit.

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