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

www.LarsonElectronics.com
Email: sales@LarsonElectronics.com
Fax: 903.498.3364

EPF-E16-4450-220V

Electric Explosion Proof 16" Blower Ventilator - 4450CFM- 220VAC - C1D1 - 30' Cord w/ 6-20P Cord Cap

Product ID: 50924

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-E16-4450-220V Explosion Proof Fan/Blower
Dimensions: 19"W x 18"H x 12"D
Weight: 61 lbs
Noise Level : 90 Db
Motor: 1.5 Horsepower
Voltage: 220V AC
Horsepower: 1.5 (1.1kw)
Inrush amps (Start): 40A
Continuous Amps (Run): 8A
Duct: 15` Single-Ply Polyester Reinforced PVC
Fan Type: Box Fan/Blower
CFM Delivery : 4450+
Wiring: 30 Foot Line-In 14/3 SOOW Cord, 20 amp, 6-20 Straight Blade Exp Proof Plug for twist-lock EXP receptacle
Ambient Operating Temp: -20 to 180 Degrees Fahrenheit
Click here to see the airflow curve chart for this fan.

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

Special Orders - Special Requirements
Contact us for special requirements

Toll Free: 1-800-369-6671
Intl: 1-903-270-1187
Fax: 1-903-498-3364
E-mail: sales@larsonelectronics.com

Made in Texas

The Larson Electronics EPF-E16-4450-220V Explosion Proof Box Fan / Blower with 15 foot static conductive duct 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. The EPF-E16-4450-220V is designed for use with 220V AC electrical power and is equipped with a 30` line-in cord that is terminated in a 6-20P explosion proof cord cap.

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 high voltage 220V AC 50/60Hz with a 1.5 amp draw and 1.2 amp constant draw from the 1.5 horsepower motor after startup. Included with this unit is 30 feet of cord fitted with a 20 amp, 6-20 explosion proof twist-lock plug.

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



Click Photo to Enlarge



Click Photo to Enlarge

Features

- 1.5 HP 250/330 electric motor, 220V AC - 1.5 amps start and 1.2 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 Ft. Line-in Cord

The included 15 foot long duct is a single-ply polyester reinforced PVC vinyl fabric hose design with an external wearstrip 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 wearstrip 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)

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Export Control Classification Number (ECCN): EAR99

Links (Click on the below items to view):

- Dimensional Drawing 2D
- Operations Manual
- SpecSheetSpanish
- STEP File (3D CAD Model)
- Wiring Diagram (Oneline)
- HigResPic1
- HigResPic2
- HigResPic3
- HigResPic4
- HigResPic5
- HigResPic6
- ISO 9001 Certification
- Business Certificate
- Shipping Time Map