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EPF-E16-4450

Electric Explosion Proof Blower / Ventilator - 4450 CFM - 16 inch - Class 1 Division 1

Product ID: 45284

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 Explosion Proof Fan/Blower
Dimensions: 19"W x 18"H x 12"D
Weight: 61 lbs.
Noise Level : 90 Db
Motor: 1.5 HP, 1.1 Kw
Voltage: 115V
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, 15 amp, 5-15 Exp Proof Twist-lock 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

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Made in the USA

The Larson Electronics EPF-E16-4450 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.
Please Note: Any free shipping offers do not apply to explosion proof fans*

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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 standard 115 VAC 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 15 amp, 5-15 explosion proof twist-lock 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, 115 VAC - 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 Ft. Cord and a 15 amp explosion proof twist-lock plug
- Standard with a 15 amp explosion proof 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.

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Frequently Asked Questions (FAQ)


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EPF-E16-4450

Product ID: 45284

Export Control Classification Number (ECCN): EAR99

Links (Click on the below items to view):

- Dimensional Drawing 2D
- Fan Curve (Pressure Curve)
- Operations Manual
- SpecSheetSpanish
- STEP File (3D CAD Model)
- Wiring Diagram (Oneline)
- HigResPic1
- HigResPic2
- HigResPic3
- HigResPic4
- HigResPic5
- HigResPic6
- HigResPic7
- HigResPic8
- HigResPic9
- HigResPic10
- Video1
- ISO 9001 Certification
- Business Certificate
- Shipping Time Map