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EPF-E16-4450-70

Electric Explosion Proof Box Fan / Blower - 4450 CFM - 120V AC - 70' Cord - 16 inch - C1D1

Product ID: 144521

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-E16-4450-70 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: 120V AC
Horsepower: 1.5 (1.1kw)
Inrush amps (Start): 80A

Continuous Amps (Run): 15A

Duct: 15` single-ply polyester reinforced PVC

Fan Type: Box Fan/Blower

CFM Delivery : 4450+

Wiring: 70 Foot Cord, 5-15P, 5-20P, L5-15P, L5-20P Cord Cap or Flying Leads

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

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Made in Texas

The Larson Electronics EPF-E16-4450-70 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. Designed for use

with 120V AC electrical power.
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 120V AC 50/60Hz with a 1.5 amp draw from the 1.5 horsepower motor and 1.2 amp constant draw after startup. Included with this unit is 70 feet of cord fitted with a choice of 120V cord caps.
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, 120V 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 70 Ft. Cord and a choice of 120V cord caps.
- Standard with a choice of 120V cord cap or flying leads.

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.

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Frequently Asked Questions (FAQ)



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EPF-E16-4450-70

Product ID: 144521

Export Control Classification Number (ECCN): EAR99

Options:

EPF-E16-4450-70-Cord Cap

Example: EPF-E16-4450-70-5.15

Cord Cap	
5-15P	-5.15
5-20P	-5.20
L5-15P	-L5.15
L5-20P	-L5.20
FLYING LEADS	-Flying

Links (Click on the below items to view):

- **Dimensional Drawing 2D**
- **Operations Manual**
- **SpecSheetSpanish**
- **STEP File (3D CAD Model)**
- **HigResPic1**
- **HigResPic2**
- **HigResPic3**
- **HigResPic4**
- **HigResPic5**
- **HigResPic6**
- **Video1**
- **ISO 9001 Certification**
- **Business Certificate**
- **Shipping Time Map**