

EPF-8P-E

Explosion Proof Fan (Blower / Ventilator) - Electric - Portable - Hazardous Location Ventilation

Product ID: 1920

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-8P-E Explosion Proof Fan/Blower

Dimensions: 23"W x 20"H x 19"L

Weight: 79 lbs

Noise Level : 76 dbA @ 3 feet

Motor: 3/4 Horsepower

Voltage: 115 VAC

Amps: 12.6

Fan Type: Frame Mounted Fan/Blower

CFM Delivery : 1570

Wiring: 25 Foot Cord, 15 amp, Exp Proof Plug

Ambient Operating Temp: -30 to 160 Degrees Fahrenheit

Ratings / Approvals

Class 1 Div 1, Groups C and D

Class 2 Div. 1 Groups E, F, G

UL, Canadian UL and CE Standards Compliant

T3C Temp rating -30C to 160C

Special Orders - Special Requirements

Contact us for special requirements

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Made in the USA

The Larson Electronics EPF-8P-E Explosion Proof Fan/Blower with 25 foot static conductive duct safely and effectively redirects stale air from hazardous location areas. This explosion proof blower meets UL, Canadian UL and CE standards for hazardous locations, is suitable for confined spaces, and provides high 1,570 CFM output for effective airflow in larger spaces.

This electrically powered explosion proof fan (blower) is suitable for confined spaces and is approved to UL, CUL, and CE safety standards for hazardous locations. This fan features a high efficiency 3/4 hp motor which is fully enclosed, and an aluminum, non-sparking blower wheel for high output and protection against accidental ignitions. This fan has 8 inch intake and exhaust flanges and

produces 1,570 CFM of air output for excellent movement of air in large areas. The entire fan and motor assembly is fitted to a heavy duty dual carry frame constructed of powder coated steel with steel safety guards and insulated foot pads for easy setup and transport. Other features include an explosion-proof switch, installed static grounding lug, and a 25 foot cord fitted with a 15 amp, explosion proof plug.

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



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Features

- 3/4 HP electric motor, 115 VAC, 12.6 amp
- Explosion-proof switch installed and wired
- 8 inch intake and exhaust flange
- 1570 cfm free air delivery
- 76 dbA @ 3 feet
- Approved for Class I, Div. 1, Groups C and D and Class II, Div. 1, Groups E, F, G
- Aluminum non-sparking blower wheel
- Static grounding lug installed
- Powder coat steel frame
- Steel safety guards
- Dual carry handle frame
- Pre-Wired With 25 Ft. Cord
- Pre-wired with a 15 amp, explosion proof plug.

The included 25 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 for this unit ranges from -20 degrees to 180 degrees Fahrenheit.

Frequently Asked Questions (FAQ)









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Export Control Classification Number (ECCN): EAR99

Options:

EPF-8P-E-Cord Cap

Example: EPF-8P-E-1523

Cord Cap	
5-15P EXP	-1523
5-20P EXP	-2023.125V

Links (Click on the below items to view):

- [Dimensional Drawing 2D](#)
- [Operations Manual](#)
- [SpecSheetSpanish](#)
- [Spectrum Curve \(Wavelength Graph\)](#)
- [HigResPic1](#)
- [HigResPic2](#)
- [HigResPic3](#)
- [HigResPic4](#)
- [HigResPic5](#)
- [Video1](#)
- [Video2](#)
- [ISO 9001 Certification](#)
- [Business Certificate](#)
- [Shipping Time Map](#)