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EPF-10P.3-220V

Explosion Proof Electric Axial Blower Ventilator - 15' Conductive Duct - 220V 50Hz - ATEX/IECEx

Product ID: 64142

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-10P.3-220V Explosion Proof In-line Axial Fan

Fan Type: Inline Axial Fan

Dimensions: 16"W x 16.75"H x 12.5"D
Weight (Fan Only): 37 lbs
Voltage: 220V 50 Hz
Air consumption: 38 CFM

CFM Delivery : 974

Motor: 1/4 HP

Startup Amps: 3.1A (Max @ Startup)

Constant Amps: 1.3A

Protection: Dual Lug Ground Body/Automatic Reset Thermal Overload

Noise Level: 72 dbA @ 3ft

Materials: Non-sparking Aluminum

Mount: Base Stand w/ Rubber Coated Feet, Carrying Handle

Wiring: 20` Cord w/ Straight Blade Plug

Ratings/Approvals

Class I, Division 1, Groups C,D

Class II, Division 1 Groups E,F,G

ATEX/IECEx certified for II 2 Gc Ex d IIB T6 Gb
T3C Temp rating -30°C to 160°C
Meets UL and Canadian UL Safety Ratings

Special Orders - Special Requirements

Contact us for special requirements

Toll Free: 1-800-369-6671

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The EPF-10P.3-220V from Larson Electronics is an Explosion Proof Electric In-line Axial Fan with a 15 foot static conductive duct that is UL and CUL listed and safely and effectively redirects stale air from hazardous location areas. This fan includes a 15 foot static conductive duct and is designed for portability. The EPF-10P.3-220V is ATEX/IECEx approved

and can be linked in series when larger lengths of conductive duct are needed.

NOTE: Explosion Proof Fans can be used as an intake and as an exhaust fan.

The EPF-10P.3-220V meets UL and Canadian UL safety ratings for Class I Division 1, Groups C and D & Class II Division 1, Groups E, F and G. The EPF-10P.3-220V is also ATEX/IECEx certified for II 2 Gc Ex d IIB T6 Gb. This explosion proof fan delivers high-performance airflow with a 974 overall CFM rating and 786 CFM when fitted with a 15 foot duct and a 90 degree bend. This unit includes an 8 inch intake and exhaust flange and a built in automatic reset thermal overload for added protection.

The ducts on this fan consist of single-ply polyester reinforced PVC vinyl fabric hose with an external wear strip reinforced with a spring steel wire helix, which makes the ducting lightweight 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. The ambient temperature for the fan ranges from -20° to 180° Fahrenheit.

Wiring: The 1/4 horsepower electric motor runs on standard 220V 50 Hz and for added safety this fan includes a pre-wired explosion proof switch, dual grounding lugs on the steel housing and 20 foot cord fitted with a 220V straight blade plug.

Mounting: This explosion proof fan is designed for portability and durability with a light weight compact body constructed of powder coated steel and a non-sparking aluminum blower wheel. The rubber coated base feet and an integral carry handle provide easy transport and secure placement when placed on a flat surface.

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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Product ID: 64142

Export Control Classification Number (ECCN): EAR99

Links (Click on the below items to view):

- **Operations Manual**
- **SpecSheetSpanish**
- **Spectrum Curve (Wavelength Graph)**
- **HigResPic1**
- **HigResPic2**
- **HigResPic3**
- **HigResPic4**
- **HigResPic5**
- **HigResPic6**
- **HigResPic7**
- **HigResPic8**
- **HigResPic9**
- **HigResPic10**
- **ISO 9001 Certification**
- **Business Certificate**
- **Shipping Time Map**