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

www.LarsonElectronics.com
Email: sales@LarsonElectronics.com
Fax: 903.765.7664

EPF-10P.3-115V-25DK

Explosion Proof Electric Axial Blower Ventilator - Class I, Div. I - 25' Conductive Duct - 115 Volts

Product ID: 145936

Please see last page for supporting documentation for this product (certificates, CAD files & drawings, IES files, wiring diagrams, etc).



Image: EPF-10P.3-115V-25DK

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.3-115V-25DK Explosion Proof In-line Axial Fan
Maximum Free Airflow: 974 CFM
Voltage: 115V AC
Amps: 86 Dba12.6
Motor: 1/4 Horsepower
CFM Delivery : 668 w/ 25 Duct & 90° Bend
Noise Level: 72 dbA @ 3ft
Fan Type: Incline Axial Fan
Size: 16"W x 16.75"H x 12.5"D
Wiring: 10 Foot Cord w/ 115V plug
Protection: Dual Lug Ground Body/Automatic Reset Thermal Overload

UL and C-UL Listed
Class I, Div. 1, Groups C and D
Class II, Div. 1, Groups E, F, G
T4 Temp rating -30°C to 160°C
Meets UL and Canadian UL Safety Ratings
Special Orders- Requirements
Contact us for special requirements
Toll Free: 1-800-369-6671
Intl: 1-903-270-1187
Fax: 1-903-765-7664
E-mail: sales@larsonelectronics.com

Made in the USA

The Larson Electronics EPF-10P.3-115V-25DK Explosion Proof Electric In-line Axial Fan with 25 foot static conductive duct is listed for use in both United States and Canada, and safely and effectively redirects stale air from hazardous location areas. This fan includes a 6 foot static conductive duct with conductive canister, a conductive saddle vent, a conductive 90 degree elbow and a universal mount. The EPF-10P.3-115V-

25DK is designed for portability, and can be linked in series when larger lengths of conductive duct are needed.

The EPF-10P.3-115V-25DK 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. This explosion proof fan delivers high-performance airflow with a 974 overall CFM rating and 668 CFM when fitted with a 25 foot duct and a 90 degree bend. The 1/4 horsepower electric motor runs on standard 115V AC and for added safety this fan includes a pre-wired explosion proof switch, dual grounding lugs on the steel housing and 10 foot cord fitted with a standard 115V straight blade plug.

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. This unit includes an 8 inch intake and exhaust flange and a built in automatic reset thermal overload for added protection.

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

INCLUDES:

1. Hazardous location ventilation fan (blower)
2. 8" - 25 foot static conductive duct.
3. 6 foot static conductive duct with conductive canister.
4. (1) Conductive saddle vent.
5. (1) Conductive 90 degree elbow.
6. Universal mount.

Features:

- 1/4 HP electric motor that operates on 115V AC.
- Explosion-proof switch installed and wired.
- 8 inch intake and exhaust flange.
- 974 cfm free air delivery.
- 668 cfm when a 25ft. duct and a 90 degree bend are present while in use.
- 562 cfm when a 15ft. duct and two 90 degree bends are present while in use.
- 72 dbA @ 3ft.
- Approved for Class I, Div. 1, Groups C and D and Class II, Div. 1, Groups E, F, G.
- Aluminum non-sparking blower wheel.
- Dual grounding lugs installed on steel housing.
- All Steel with powder coated red and rubber base feet.
- Automatic reset thermal overload.
- Carry handle frame.
- Pre-Wired With 10 Ft. Cord.
- Pre-Wired with a 115V plug.

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.

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.

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

www.LarsonElectronics.com
Email: sales@LarsonElectronics.com
Fax: 903.765.7664

Frequently Asked Questions (FAQ)

There are no Faqs



Image: EPF-10P.3-115V-25DK 220 volt AC explosion proof fan



Image: EPF-10P.3-115V-25DK explosion proof electric fan

Export Control Classification Number (ECCN): EAR99

Links (Click on the below items to view):

- **Operations Manual**(https://www.larsonelectronics.com/images/product/Manual/145936.PDF)
- **HigResPic1**(https://www.larsonelectronics.com/images/product/HigResPic1/145936.JPG)
- **HigResPic2**(https://www.larsonelectronics.com/images/product/HigResPic2/145936.JPG)
- **HigResPic3**(https://www.larsonelectronics.com/images/product/HigResPic3/145936.JPG)
- **HigResPic4**(https://www.larsonelectronics.com/images/product/HigResPic4/145936.JPG)
- **HigResPic5**(https://www.larsonelectronics.com/images/product/HigResPic5/145936.JPG)
- **HigResPic6**(https://www.larsonelectronics.com/images/product/HigResPic6/145936.JPG)
- **HigResPic7**(https://www.larsonelectronics.com/images/product/HigResPic7/145936.JPG)
- **HigResPic8**(https://www.larsonelectronics.com/images/product/HigResPic8/145936.JPG)
- **HigResPic9**(https://www.larsonelectronics.com/images/product/HigResPic9/145936.JPG)
- **HigResPic10**(https://www.larsonelectronics.com/images/product/HigResPic10/145936.JPG)
- **Video1**(https://www.youtube.com/watch?v=HAGW4cY6pgI)
- **ISO 9001 Certification**(http://larsonelectronics.com/images/pdfdocs/ISO9001.PDF)
- **Business Certificate**(https://www.larsonelectronics.com/images/pdfdocs/w9.PDF)
- **Shipping Time Map**(https://www.larsonelectronics.com/images/product/ShippingTimeMap/ShippingTimeMap.pdf)