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EPF-10P.3-NFK-50C

Explosion Proof Electric Fan/Blower - C1D1 - 1/3 HP Engine - Fan Only- 50' SOOW w/ EPP Cord Cap

Product ID: 147717

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-NFK-50C Explosion Proof Inline Axial Fan
Air Consumption: 38 CFM
Voltage: 115V AC
Amps: 12.6
Motor: 1/3 Horsepower
CFM Delivery: 1390
Noise Level: 72 dbA @ 3ft
Fan Type: Inline Axial Fan
Size: 16"W x 16.75"H x 12.5"D
Wiring: 50` of SOOW Cord w/ Explosion Proof Cord Cap
Cord Cap Options: 5-15P, 5-20P, 6-20P
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 United States and Canadian Safety Ratings

Special Orders - Special Requirements
Contact us for special requirements

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Made in Texas

The EPF-10P.3-NFK-50C from Larson Electronics is an Explosion Proof Electric Inline Axial Fan that is Class I Division 1 and Class II Division 1 listed and safely and effectively redirects stale air from hazardous location areas. This fan is designed for portability and can be linked in series when larger lengths of conductive duct are needed. The EPF-10P.3-NFK-50C is equipped with 50 feet of SOOW cable and an explosion proof cord cap.

This explosion proof fan delivers high-performance airflow with a 1,390 overall CFM rating and 973 CFM when fitted with a 25ft. duct and a 90 degree bend. The 1/3

horsepower electric motor runs from standard 115V AC and pulls 12.6 amps. Added safety features include a prewired explosion proof switch, dual grounding lugs on the steel housing, and 50 feet of SOOW cord fitted with a choice of explosion proof cord cap. Please make your cord cap selection below when ordering. Meets United States and Canadian safety ratings for Class I Division 1, Groups C and D & Class II Division 1, Groups E, F and G.



Click Photo to Enlarge



Click Photo to Enlarge

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. Rubber coated base feet and an integral carry handle provide easy transport and secure placement when set down on a flat surface. This unit is available with either an 8 inch or 10 inch intake and exhaust flange, and includes a built in automatic reset thermal overload for added protection. Ambient temperature for the fan ranges from -20 degrees to 180 degrees Fahrenheit.
Note on Explosion Proof Fans: Can be used as an intake and an exhaust fan.

Click Photos to Enlarge



5-15 Straight Blade Plug



5-20 Straight Blade Plug



6-20 Straight Blade Plug

Wiring & Plug: This explosion proof flood light is equipped with 50 feet of chemical and abrasion resistant SOOW cord that is fitted with an explosion proof cord cap for easy connection to explosion proof outlets. Plug options include a 5-15 15 amp straight blade plug for use with 120V explosion proof outlets, a 5-20 20 amp straight blade plug for use with 120V explosion proof outlets, or a 6-20 20 amp straight blade plug for use with 220-240V explosion proof outlets. ***PLEASE NOTE** voltage ratings on plugs and outlets are MAXIMUM voltage. For low voltage applications, proper voltage must be applied to the outlet or damage to the light fixture will occur.*
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.

INCLUDES:
1. Hazardous location ventilation fan (blower)
2. Intake or Exhaust Fan
3. Can be used inline
4. Universal mount

Features:

- 1/3 HP electric motor, 115 VAC, 12.6 amp
- Explosion-proof switch installed and wired

- 8 or 10 inch intake and exhaust flange
- 1390 cfm free air delivery
- 973 cfm when a 25ft. duct and a 90 degree bend 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, powder coated red with rubber base feet
- Automatic reset thermal overload
- Carry handle frame
- Equipped with a 50` SOOW cord terminated in an explosion proof cord cap.

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Frequently Asked Questions (FAQ)






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PERFORMANCE SPECIFICATIONS


HAZARDOUS LOCATION FAN
APPROVED FOR OUTDOOR USE

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EPF-10P.3-NFK-50C

Product ID: 147717

Export Control Classification Number (ECCN): EAR99

Options:

EPF-10P.3-NFK-50C-Cord Cap

Example: EPF-10P.3-NFK-50C-1523

Cord Cap	
5-15P	-1523
5-20P	-2023-125V
6-20P	-2023-250V

Links (Click on the below items to view):

- **Canadian CEC Certificate (Commonly referred to as CSA Certificate)**
- **CE Certificate**
- **Certificate 2, Misc**
- **Certificate 3, Misc**
- **Fan Curve (Pressure Curve)**
- **MSDS (Material Safety Data Sheet**
- **Operations Manual**
- **RoHS Certificate (Restriction of Hazardous Substances)**
- **SpecSheetSpanish**
- **USA NEC Certificate (Commonly referred to as UL Certificate)**
- **HigResPic1**
- **HigResPic2**
- **HigResPic3**
- **HigResPic4**
- **HigResPic5**
- **HigResPic6**
- **HigResPic7**
- **Video1**
- **ISO 9001 Certification**
- **Business Certificate**
- **Shipping Time Map**