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EPFC-10P.3-NFK-28IN

Explosion Proof Electric Fan Ventilator Wheeled Cart - C1D1 - 28" Above Grade - 1/3 HP - Fan Only

Product ID: 144595

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.

EPFC-10P.3-NFK-28IN Explosion Proof Inline Axial Fan
Listing: United States and Canada
Voltage: 115V AC
Dimensions: 16"L x 12.5"W x 44.75"H
Fan Type: Inline Axial Fan
Air consumption: 38 cfm
CFM Delivery : 1390
Noise Level: 72 dbA @ 3ft
Amps : 86 Dba12.6
Motor: 1/3 Horsepower
Cart Materials: Non-Sparking Aluminum
Finish Materials: Powder Coasted
Protection: Dual Lug Ground Body/Automatic Reset Thermal Overload
Wiring: 10` 16/3 SOW Cord
Cord Cap: 5-15P or 5-20P Explosion Proof Plug

Ratings/Approvals
Class I, Div. 1, Groups C and D
Class II, Div. 1, Groups E, F, G
T3C Temp rating -30C to 160C

Special Orders - Special Requirements
Contact us for special requirements

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Made in Texas

The Larson Electronics EPFC-10P.3-NFK-28IN Explosion Proof Electric Inline Axial Fan with Elevated Cart is Class 1, Division 1 and Class 2, 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.

Mounted to a non-sparking aluminum cart with swivel casters, this fan sits 28" above grade.
This explosion proof fan delivers high-performance airflow with a 1,390 overall CFM rating and 973 CFM when fitted with a 25` duct and a 90° 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 10 feet of cord fitted with an explosion proof plug. The aluminum cart cart elevates the fan and allows for easy mobility within hazardous locations. This portable electric fan cart United States and Canadian safety ratings for Class 1, 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 secure the fan to the non-sparking aluminum cart. The powder coated aluminum cart elevates the fan 28" above grade, keeping all electrical equipment and ducting a minimum of 28" above grade. The cart is equipped with swiveling polyurethane casters, and an integral handle at the top of the fan allows operators to easily navigate this explosion proof blower within the jobsite.
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° to +180° Fahrenheit. 10` of SOW cord terminated in an explosion proof plug rounds off the explosion proof protection on this portable explosion proof fan. Cord cap options include 5-15P and 5-20P explosion proof cord caps, compatible with common explosion proof outlets.
Note on Explosion Proof Fans: Can be used as an intake and an exhaust fan.

INCLUDES:
1. Hazardous location ventilation fan (blower)
2. Intake or Exhaust Fan
3. Can be used inline
4. Universal mount w/ 28" clearance and casters

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
- Pre-Wired With 10 Ft. Cord
- Pre-wired with a explosion proof 1523 or 2023 style

plug

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Frequently Asked Questions (FAQ)

EPFC-10P.3-NFK-28IN

Product ID: 144595

Export Control Classification Number (ECCN): EAR99

Links (Click on the below items to view):

- **SpecSheetSpanish**
- **HigResPic1**
- **Video1**
- **ISO 9001 Certification**
- **Business Certificate**
- **Shipping Time Map**