

EPF-CBF-36-0.5HP-TRN

36" Explosion Proof Cabinet Fan - 1/2 HP - 8143 CFM - 115V/230V - C1D1 Group D & C2D1 Groups F, G - Surface Mount Trunnion Bracket

Product ID: 278219

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-CBF-36-0.5HP-TRN Explosion Proof Cabinet Fan - 1/2 HP - 115V/230V - Class I, Group D & Class II, Groups F, G

Type: Industrial Cabinet Fan

Propeller Dimensions: EPF-CBF-36-0.5HP-TRN Diameter

Propeller Material: Spark-Resistant Cast Aluminum

Weight: 250 lb

Voltage: Multi-Voltage 115V/230 V AC Single Phase

Motor: 1/2 HP Fully Enclosed Explosion Proof

RPMs: 415

CFM: 8143 (0" S/P), 4044 (1/8" SP), 2814 (1/4" S/P)

Cabinet Size: 42.5" x 42.5" x 25"

Max Sound Levels @ 5': 9.5 (sones), 61.20 (db)

Wiring: Hard-Wire

Mounting: Surface Mount - Vertically Adjustable Trunnion Bracket - Galvanized Steel

Ratings/Features:

NRTL Listed for United States

Class I, Divisions 1 & 2, Group D

Class II, Divisions 1 & 2, Groups F & G

Spark-Resistant Propeller

Surface Mount Trunnion Bracket

Special Orders - Special Requirements

Contact us for special requirements

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Made in the USA

The EPF-CBF-36-0.5HP-TRN from Larson Electronics is an Explosion Proof Industrial Cabinet Fan w/ Surface Mount Trunnion Bracket that operates on 115V/230 V AC multi-voltages. This explosion proof industrial fan features a 36" diameter spark resistant cast aluminum blade for superior ventilation and air movement. The EPF-CBF-36-0.5HP-TRN is powered by a fully enclosed and explosion proof 1/2 horsepower motor. This unit may be used to meet cooling requirements for electronic cabinets, motor

control cabinets, fume hoods, air filtration systems and heat exchangers. The EPF-CBF-36-0.5HP-TRN is equipped with a trunnion bracket designed for surface mounting.

PLEASE NOTE: ANY FREE SHIPPING OFFERS DO NOT APPLY TO THIS PRODUCT

The EPF-CBF-36-0.5HP-TRN explosion proof fan is rated for Class I Group D and Class II Groups F & G hazardous environments. The 36" diameter propeller on this explosion proof cabinet fan is constructed from cast aluminum to resist sparking further increasing the safety of the hazardous environment in which the fan is being utilized. This single phase explosion proof industrial fan has a 1/2 horsepower fully enclosed motor.

Voltage: The EPF-CBF-36-0.5HP-TRN explosion proof ventilation fan can operate on 115V/230V AC multi-voltages.

Wiring: The EPF-CBF-36-0.5HP-TRN features a trunnion bracket that allows it to be mounted on flat surfaces. The bracket is constructed from galvanized steel and allows the fan to be pivoted vertically up and down in order to adjust the direction of the airflow. Due to the weight of the EPF-CBF-36-0.5HP-TRN, it must be mounted on flat surfaces that can support 250+ lb such as reinforced walls, i-beams, etc.

Mounting: The EPF-CBF-36-0.5HP-TRN is a hard-wired ventilation fan that should be installed according to national, state and local electrical and mechanical codes.

Applications: Class I Group D and Class II Groups F & G hazardous areas that require ventilation including but not limited to the following: clean rooms, marijuana extraction rooms, laboratory hoods, oil refineries, grain mills, chemical plants, welding shops, chemical storage areas and battery changing areas. 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.

Frequently Asked Questions (FAQ)



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Export Control Classification Number (ECCN): EAR99

Links (Click on the below items to view):

- [Operations Manual](#)
- [HigResPic1](#)
- [ISO 9001 Certification](#)
- [Business Certificate](#)
- [Shipping Time Map](#)