Larson Electronics LLC
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EPF-CBF-30-0.5HP

30" Explosion Proof Cabinet Fan - 1/2 HP - 6066 CFM - 115V/230V - C1D1 Group D & C2D1 Groups F, G

Product ID: 146411

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-30-0.5HP 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-30-0.5HP Diameter
Propeller Material: Spark-Resistant Cast Aluminum
Weight: 168 lbs
Voltage: Multi-Voltage 115V/230V AC Single Phase
Motor: 1/2 HP Fully Enclosed Explosion Proof
RPMs: 574
CFM: 6066 (0" S/P), 3370 (1/8" SP), 2714 (1/4" S/P)
Cabinet Size: 36.5 x 36.5 x 25 inches
Max Sound Levels @ 5`: 10.9 (sones), 62.57 (db)
Wiring: Hard-Wire
Mounting: Permanent Mount

Ratings/Features:

Listed for United States
Class I, Divisions 1 & 2, Group D
Class II, Divisions 1 & 2, Groups F & G
Spark-Resistant Propeller

Special Orders - Special Requirements

Contact us for special requirements
Toll Free: 1-800-369-6671
Intl: 1-903-270-1187
Fax: 1-903-498-3364
E-mail: sales@larsonelectronics.com

Made in the USA

The EPF-CBF-30-0.5HP from Larson Electronics is an explosion proof industrial cabinet fan that operates on 115V/230V AC multi-voltages. This explosion proof industrial fan features a 30" diameter spark resistant cast aluminum blade for superior ventilation and air movement. The EPF-CBF-30-0.5HP 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.

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

The EPF-CBF-30-0.5HP explosion proof fan is rated for Class I Group D and Class II Groups F & G hazardous environments. The 30" 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-30-0.5HP explosion proof ventilation fan can operate on 115V/230V AC multi-voltages.

Wiring: The EPF-CBF-30-0.5HP 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.

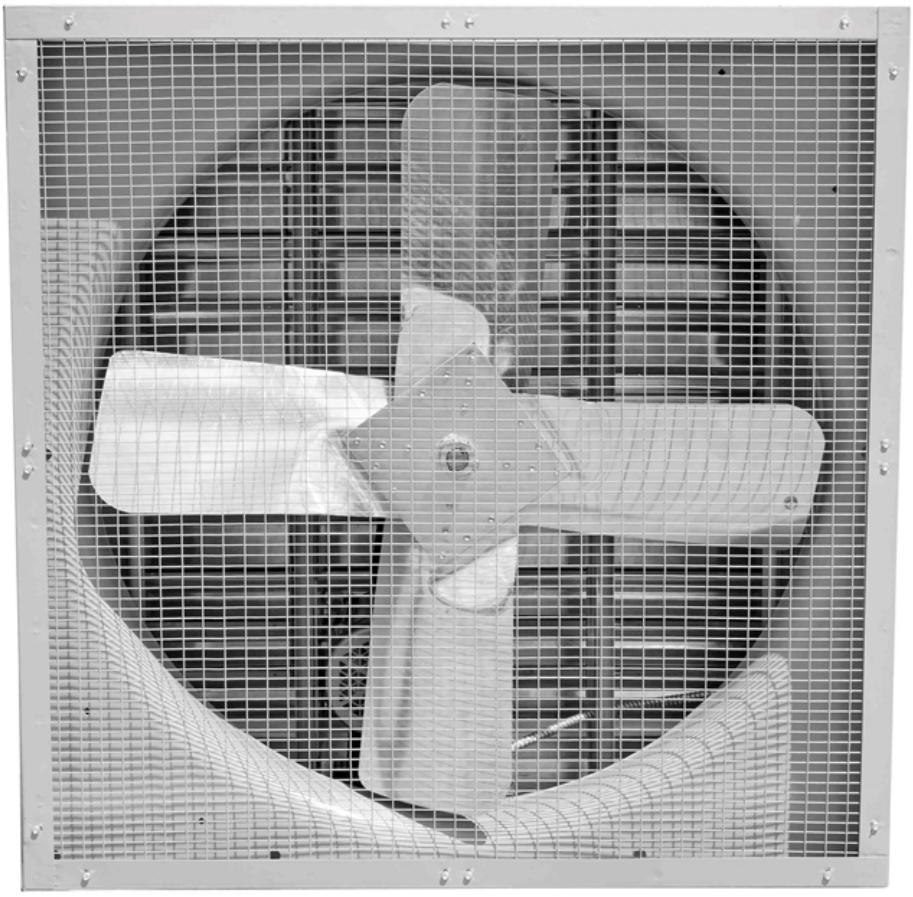
Made in USA Quality

1. Fully enclosed explosion proof 1/2 HP motor.
2. Spark-resistant cast aluminum 30" diameter propeller.
3. Class I Group D and Class II Groups F & G rated.
4. 115V/230V AC multi-voltage capable.
5. Fully assembled and ready to install.

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Frequently Asked Questions (FAQ)





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Product ID: 146411

Export Control Classification Number (ECCN): EAR99

Links (Click on the below items to view):

- Canadian CEC Certificate (Commonly referred to as CSA Certificate)
- CE Certificate
- Certificate 1, Misc
- Certificate 2, Misc
- Certificate 3, Misc
- 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
- ISO 9001 Certification
- Business Certificate
- Shipping Time Map