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-DDAF-12-0.75HP

12" Explosion Proof Direct Drive Axial Fan - 3450 Fan RPM - 3/4 HP - 115/230V 1PH - Single Speed

Product ID: 281793

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



Image: EPF-DDAF-12-0.75HP

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-DDAF-12-0.75HP Explosion Proof Fan

Unit Type: Direct Drive Axial Fan
Dimensions: 14" x 12"-D
Weight: 50 lbs
Voltage: 115/230V 1PH
Motor: 3/4 HP (Single Speed)
Full Load Amps: 9.8 FLA
Fan RPM: 3,450
CFM: 2044@ 0 SP, 1960 @ 1/8 SP, 1920 @ 1/4 SP, 1820 @ 3/8 SP, 1650 @ 1/2 SP, 1500 @ 3/4 SP
Materials: Spark Resistant Cast Aluminum
Mounting: Surface/Round Duct
Mounting Holes: (16) 7/16" - (8) Front/(8) Back

Features/Ratings

Class I, Division 1&2, Group D
Class II, Division 1&2, Groups F,G
Ball Bearing
NEMA Frame Motor

Special Orders - Special 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-DDAF-12-0.75HP Explosion Proof Direct Drive Axial Fan is designed for Class I, Divisions 1 & 2 and Class II, Divisions 1 & 2 environments. Powered by a 3/4 HP motor, the single-speed fan operates on 115-230V single-phase

voltage. The direct drive axial unit contains a 12" propeller with spark-resistant cast aluminum construction.

The EPF-DDAF-12-0.75HP is an explosion proof fan for promoting air circulation and adequate ventilation in flammable sites. The direct drive axial fan is powered by a 3/4 HP, single-speed motor and offers compatibility with 115-230V single-phase voltage. Equipped with a 12" propeller, the cooling unit provides 3,450 RPM. Maximum CFM rate includes 1,875 @ 0 SP, with a minimum CFM of 1,110 @ 3/4 SP.

The explosion proof single-speed fan is constructed of spark-resistant cast aluminum, for use in combustibe work environments.

Mounting: The explosion proof fan can be mounted on surfaces, including round ducts. Eight, 7/16" openings on both sides (front/back) of the fan (total of 16) are available for mounting and installation.

Applications: Hazardous locations, ventilation, air flow, industrial, air circulation, manufacturing, cooling, petrol processing, food facilities, warehouses, agriculture and more.

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.

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Frequently Asked Questions (FAQ)

There are no Faqs

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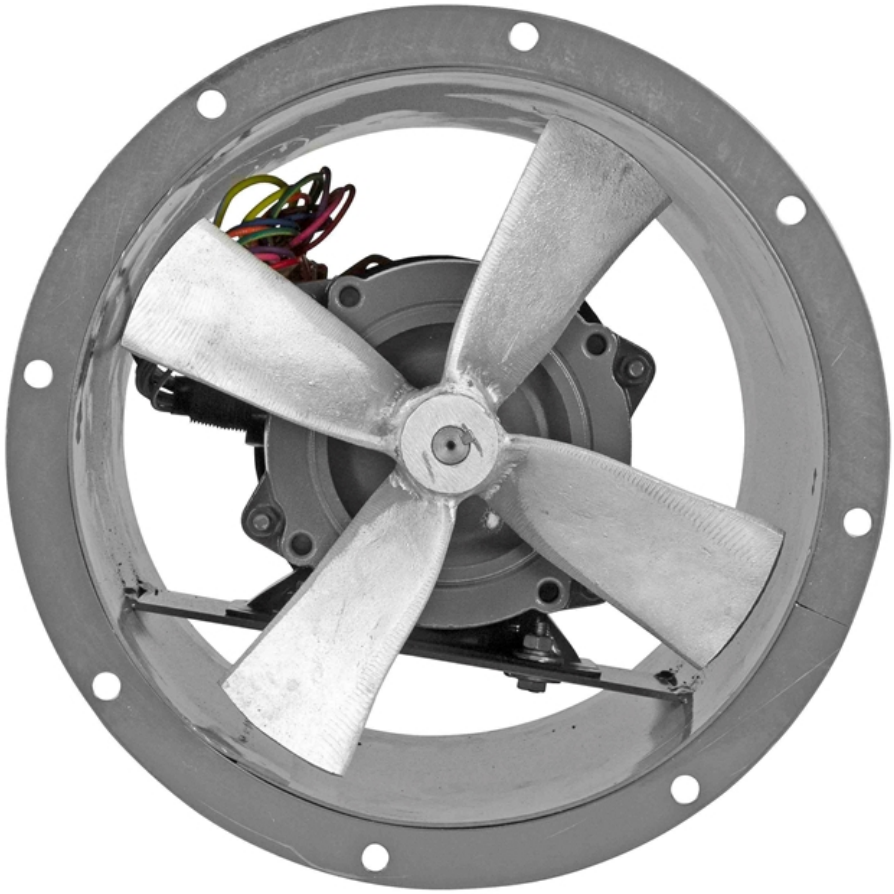


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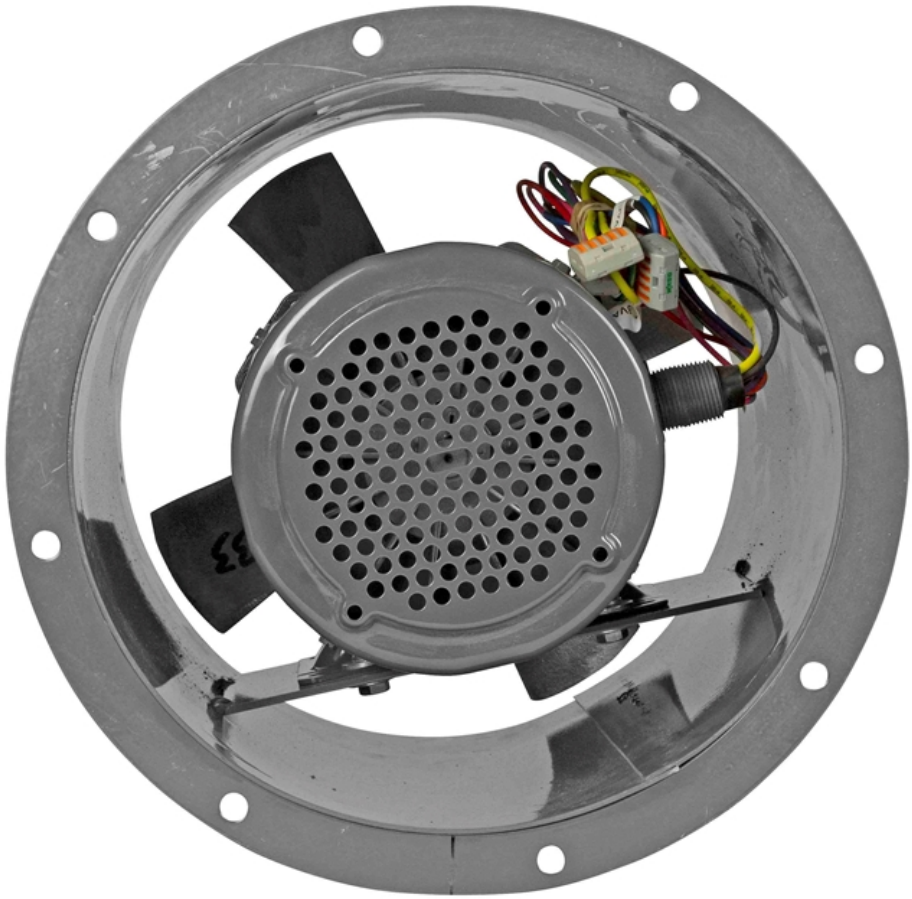


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Export Control Classification Number (ECCN): EAR99

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Links (Click on the below items to view):

- **Canadian CEC Certificate (Commonly referred to as CSA Certificate)**(https://www.larsonelectronics.com/images/product/CECCert/281793.PDF)
- **CE Certificate**(https://www.larsonelectronics.com/images/product/CECert/281793.PDF)
- **Certificate 1, Misc**(https://www.larsonelectronics.com/images/product/Cert1/281793.PDF)
- **Certificate 2, Misc**(https://www.larsonelectronics.com/images/product/Cert2/281793.PDF)
- **Certificate 3, Misc**(https://www.larsonelectronics.com/images/product/Cert3/281793.PDF)
- **Dimensional Drawing 2D**(https://www.larsonelectronics.com/images/product/DimensionalDrawing/281793.PDF)
- **MSDS (Material Safety Data Sheet**(https://www.larsonelectronics.com/images/product/Msds/281793.PDF)
- **Operations Manual**(https://www.larsonelectronics.com/images/product/Manual/281793.PDF)
- **RoHS Certificate (Restriction of Hazardous Substances)**(https://www.larsonelectronics.com/images/product/RoHSCert/281793.PDF)
- **USA NEC Certificate (Commonly referred to as UL Certificate)**(https://www.larsonelectronics.com/images/product/NECCert/281793.PDF)
- **Wiring Diagram**(https://www.larsonelectronics.com/images/product/WiringDiagram/281793.PDF)
- **HigResPic1**(https://www.larsonelectronics.com/images/product/HigResPic1/281793.JPG)
- **HigResPic2**(https://www.larsonelectronics.com/images/product/HigResPic2/281793.JPG)
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