Larson Electronics LLC
9419 E US HWY 175, Kemp, TX 75143
Phone: 800.369.6671

www.LarsonElectronics.com
Email: sales@LarsonElectronics.com
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EPF-LPSM-12-0.25HP

12" Explosion Proof Low Pressure Fan - 970 CFM - 1/4 HP - 115/230V - C1 Group D & C2 Groups F & G

Product ID: 146402

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



Image: EPF-LPSM-12-0.25HP

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-LPSM-12-0.25HP

Type: Low Pressure Industrial Fan
Propeller Dimensions: 12" Diameter
Propeller Material: Spark-Resistant Cast Aluminum
Weight: 34 lbs
Voltage: 115/230V AC 60 Hz Single Phase
Motor: 1/4 HP Fully Enclosed Explosion Proof
Rotations Per Minutes (RPM): 1725
Peak CFM (@ 0" SP): 970
Max Sound Level @ 5`: 6.7 (sones), 56.06 (db)
Ambient Temp Range: -40°C to +40°C
Wiring: Hard-Wire
Mounting: Permanent Mount (4 Holes)
Total Dimensions: 13.69" x 16.13" x 16.13"

Ratings/Features:

Listed for United States
Class I, Divisions 1 & 2, Group D
Class II, Divisions 1 & 2, Groups F & G
Spark-Resistant Propeller
Up To 970 CFM Air Movement
Rated for Hazardous Environments

Made in the USA

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 EPF-LPSM-12-0.25HP from Larson Electronics is a low pressure explosion proof industrial fan that operates on 115V AC voltage. This explosion proof industrial fan features a 12" diameter spark resistant cast aluminum blade that moves air at a rate of up to 970 cubic feet per minute (CFM) for superior ventilation and air movement. The EPF-LPSM-12-0.25HP is powered by a fully enclosed and explosion proof 1/4 horsepower motor.

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

The EPF-LPSM-12-0.25HP explosion proof fan is rated for Class I Group D and Class II Groups F & G hazardous environments. The 12" diameter propeller on this explosion proof low pressure 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 1/4 horsepower fully enclosed motor that can spin the propeller at a rate of 1725 RPM.

Voltage: The EPF-LPSM-12-0.25HP explosion proof ventilation fan can operate on 115V AC.

Wiring: The EPF-LPSM-12-0.25HP 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 1/4 HP motor.
2. Spark-resistant cast aluminum 12" diameter propeller.
3. Class I Group D and Class II Groups F & G rated.
4. 115 Voltage
5. Moves up to 970 cubic feet of air per minute.
6. Fully assembled and ready to install.

CFM Static Pressure (SP) Ratings

1. 0" SP - 970 CFM
2. 1/8" SP - 900 CFM
3. 1/4" SP - 800 CFM

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Frequently Asked Questions (FAQ)

There are no Faqs



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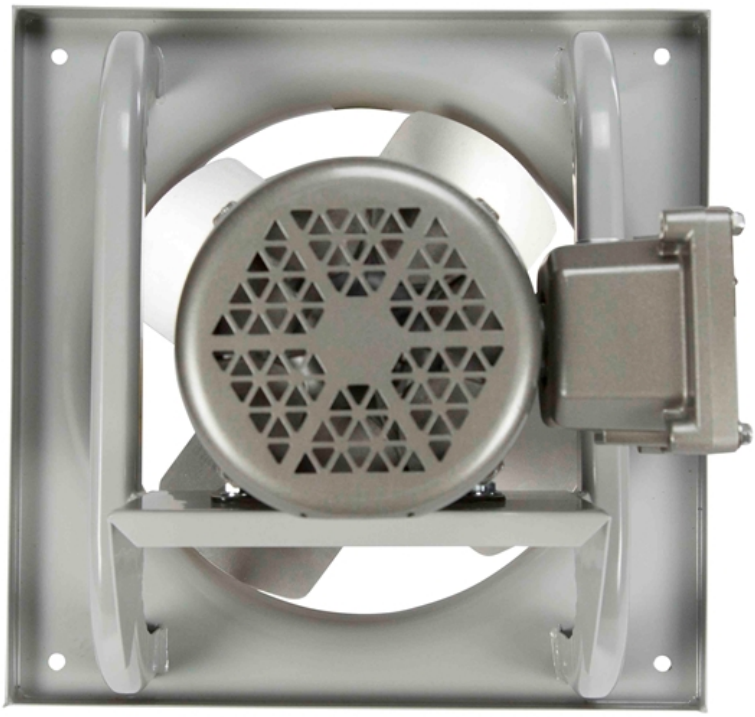


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Export Control Classification Number (ECCN): EAR99

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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/146402.PDF)
- **CE Certificate**(https://www.larsonelectronics.com/images/product/CECert/146402.PDF)
- **Certificate 1, Misc**(https://www.larsonelectronics.com/images/product/Cert1/146402.PDF)
- **Certificate 2, Misc**(https://www.larsonelectronics.com/images/product/Cert2/146402.PDF)
- **Certificate 3, Misc**(https://www.larsonelectronics.com/images/product/Cert3/146402.PDF)
- **Dimensional Drawing 2D**(https://www.larsonelectronics.com/images/product/DimensionalDrawing/146402.PDF)
- **MSDS (Material Safety Data Sheet**(https://www.larsonelectronics.com/images/product/Msds/146402.PDF)
- **Operations Manual**(https://www.larsonelectronics.com/images/product/Manual/146402.PDF)
- **RoHS Certificate (Restriction of Hazardous Substances)**(https://www.larsonelectronics.com/images/product/RoHSCert/146402.PDF)
- **SpecSheetRussian**(https://www.larsonelectronics.com/images/product/SpecSheetRussian/146402.PDF)
- **SpecSheetSpanish**(https://www.larsonelectronics.com/images/product/SpecSheetSpanish/146402.PDF)
- **STEP File (3D CAD Model)**(https://www.larsonelectronics.com/images/product/Step/146402.ZIP)
- **USA NEC Certificate (Commonly referred to as UL Certificate)**(https://www.larsonelectronics.com/images/product/NECCert/146402.PDF)
- **Wiring Diagram**(https://www.larsonelectronics.com/images/product/WiringDiagram/146402.PDF)
- **HigResPic1**(https://www.larsonelectronics.com/images/product/HigResPic1/146402.JPG)
- **HigResPic2**(https://www.larsonelectronics.com/images/product/HigResPic2/146402.JPG)
- **HigResPic3**(https://www.larsonelectronics.com/images/product/HigResPic3/146402.JPG)
- **HigResPic4**(https://www.larsonelectronics.com/images/product/HigResPic4/146402.JPG)
- **HigResPic5**(https://www.larsonelectronics.com/images/product/HigResPic5/146402.JPG)
- **HigResPic6**(https://www.larsonelectronics.com/images/product/HigResPic6/146402.JPG)
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- **HigResPic8**(https://www.larsonelectronics.com/images/product/HigResPic8/146402.JPG)
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- **ISO 9001 Certification**(http://larsonelectronics.com/images/pdfdocs/ISO9001.PDF)
- **Business Certificate**(https://www.larsonelectronics.com/images/pdfdocs/w9.PDF)
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