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EPF-LPSM-B-12-0.15HP-220V.50HZ

12" Explosion Proof Exhaust Fan w/ Transformer - C1D2 - 850 CFM, Motorized Louvers - Wall Mount - Group B Hydrogen

Product ID: 264939

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-LPSM-B-12-0.15HP-220V.50HZ Explosion Proof Exhaust Fan

Listing: NRTL Listed for United States, Canada
Unit Type: Toxic Gas Exhaust Fan w/ External Transformer
Fan Dimensions: 9.5" x 12" x 12"
Transformer Dimensions: 10.32" x 10.32" x 6.09"
Weight: -
Watts: 80W
Voltage: 220V, 50Hz
CFM: 850 CFM
Internal Louvers: Motorized Locking (Open/Closed)
External Louvers: Fixed, Rain
Status Display: LEDs
Amps: -
Mount: Wall via Sliding Collar
Fan Mounting Dimensions: 12.25" x 12.25 Opening, 1.5" - 8" Thickness
Transformer Hubs: (1) 3/4" NPT @ East, (1) 3/4" NPT @ West

Ratings/Features

Class I, Division 2, Groups A, B, C, D
Weather Resistant

Special Orders - Special Requirements

Contact us for special requirements

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The Larson Electronics EPF-LPSM-B-12-0.15HP-220V.50HZ is an Explosion Proof Exhaust Fan for Class 1, Division 2 rated flammable sites. This wall-mount fan features internal motorized and external fixed louvers.

Equipped with an external transformer, the 850 CFM unit is weather resistant and recommended for use with toxic gas sensors (not included).
The EPF-LPSM-B-12-0.15HP-220V.50HZ is an explosion proof exhaust fan for reducing the accumulation of toxic gases, such as hydrogen, inside combustible facilities, including battery charging rooms. This 80-watt fan operates on 220V, 50Hz and contains motorized louvers that lock in an open or closed position, as well as fixed external rain louvers. Capable of providing 850 CFM, operators can monitor the real-time status of the fan via LED status lights.
This unit can be used with hydrogen gas sensors (not included) and is suitable for promoting ventilation in confined spaces. The weather resistant fan is rated for Class I, Division 2 environments.
Transformer: The EPF-LPSM-B-12-0.15HP-220V.50HZ is equipped with an external transformer, which accepts 220V, 50Hz on the primary side. The transformer must be installed inline between the power source and fan. One 3/4" NPT hub on the east side and one 3/4" NPT hub on the west side are available on the unit for wiring connections.
Mounting Compatibility: This exhaust fan is designed for wall mounting applications facilitated by a sliding collar. The unit must fit in a 12.25" x 12.25" opening with 1.5" to 8" thickness during installation.
Suggested Applications: Battery-charging rooms, paint spray booths, aircraft maintenance, oil drilling rigs, refineries, solvent and cleaning areas, gas processing plants, chemical manufacturing, waste water treatment plants, offshore applications 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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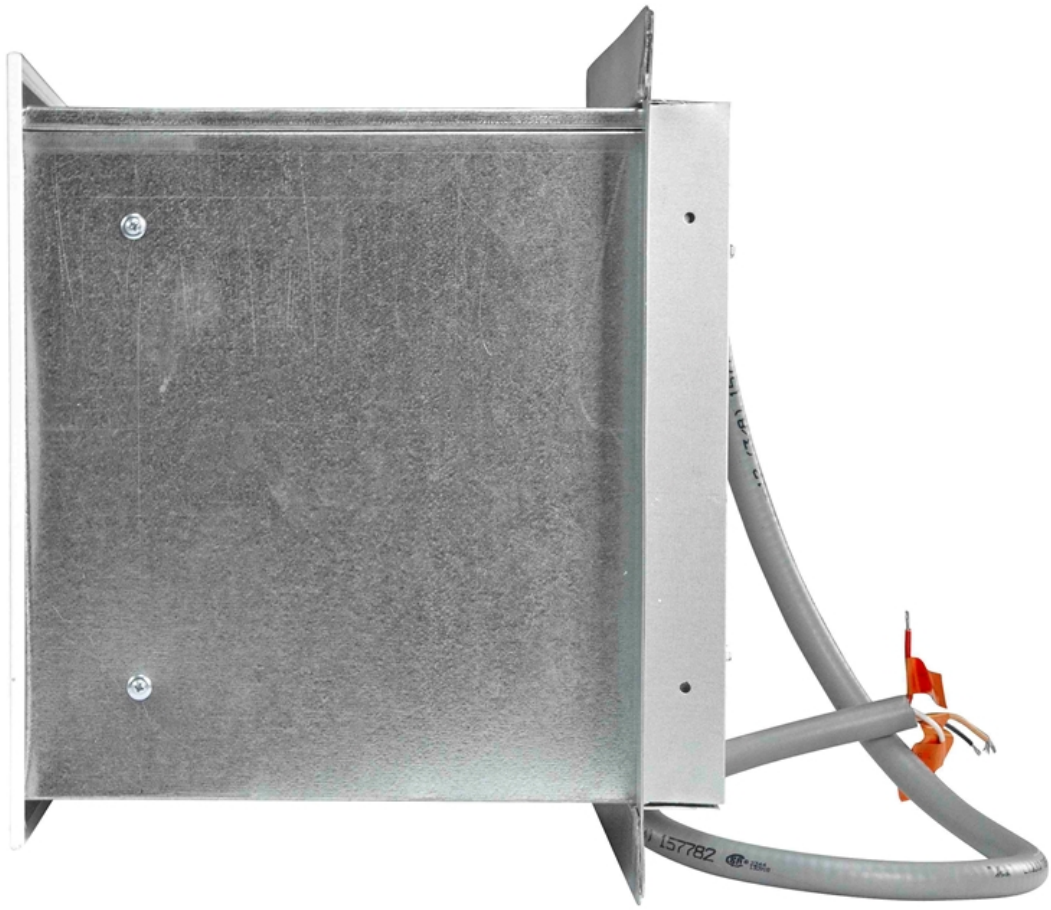
Frequently Asked Questions (FAQ)



Export Control Classification Number (ECCN): EAR99

Links (Click on the below items to view):

- **Fan Curve (Pressure Curve)**
- **Operations Manual**
- **Wiring Diagram**
- **HigResPic1**
- **HigResPic2**
- **HigResPic3**
- **HigResPic4**
- **HigResPic5**
- **HigResPic6**
- **HigResPic7**
- **ISO 9001 Certification**
- **Business Certificate**
- **Shipping Time Map**