Larson Electronics LLC
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EPF-LPSM-B-12-0.15HP

12" Hazardous Location Exhaust Fan - C1D2 - 850 CFM - Motorized Louvers - Wall Mount - Group B Hydrogen

Product ID: 222266



Image: EPF-LPSM-B-12-0.15HP

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 Explosion Proof Exhaust Fan
Unit Type: Toxic Gas Exhaust Fan
Dimensions: 15.5" x 15.5" x 12.04"
Weight: -
Watts: 80W
Voltage: 120V AC, 24V DC or 48V DC
CFM: 850 CFM
Internal Louvers: Motorized Locking (Open/Closed)
External Louvers: Fixed, Rain
Status Display: LEDs
Amps: 0.67A @ 110V AC, 3.5A @ 24V DC, 1.7A @ 48V DC
Mount: Wall via Sliding Collar
Mounting Dimensions: 12.25" x 12.25 Opening, 1.5" - 8" Thickness
Wiring: NA

Ratings/Features
Class I, Division 2, Groups A, B, C, D
Weather Resistant
offshore applications

Special Orders - Special Requirements
Contact us for special requirements
Toll Free: 1-800-369-6671
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Fax: 1-903-765-7664
E-mail: sales@larsonelectronics.com

The Larson Electronics EPF-LPSM-B-12-0.15HP 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. The 850 CFM unit is weather resistant and recommended for use with toxic gas sensors (not included).

The EPF-LPSM-B-12-0.15HP 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 120V AC, 48V DC or 24V DC 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 1, Division 2 environments.

Wiring: The EPF-LPSM-B-12-0.15HP requires red/black/black/white for AC wiring connections or red/white/white/black for DC 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.

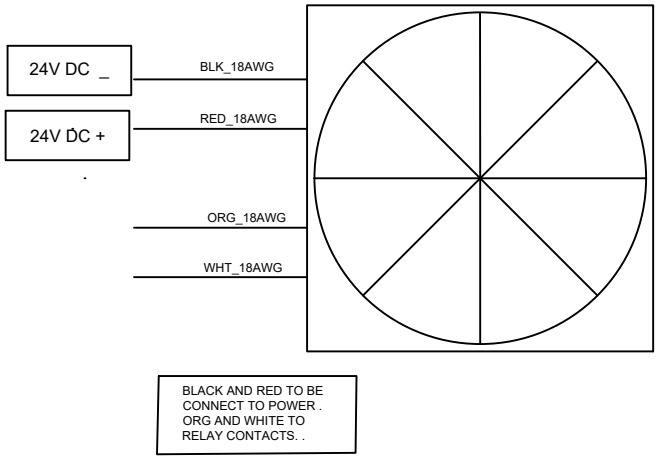
At Larson Electronics, we do more than meet your lighting needs. We also provide replacement, retrofit, and upgrade parts as well as industrial grade power accessories. Our craftsmen can custom build any lighting system and/or accessories to fit the unique demands of your operation. A commitment to honesty, 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.

REV	DESCRIPTION	DATE
A	PRODUCTION RELEASE	2/19/2025

EPF-LPSM-B-12-0.15HP-24VDC

LARSON ELECTRONICS®

12" FAN 1PH 24V DC 0.15HP
850CFM
MOT1-101.08



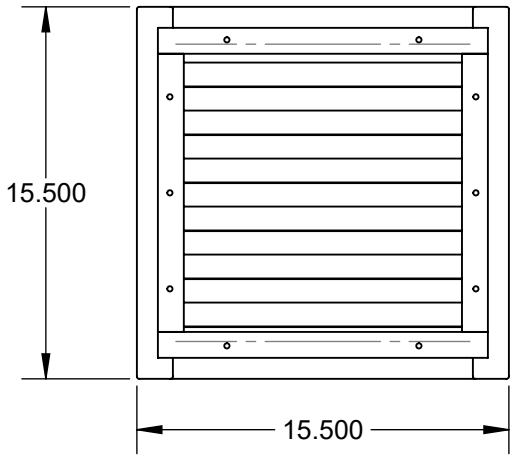
BLACK AND RED TO BE CONNECT TO POWER . ORG AND WHITE TO RELAY CONTACTS. .

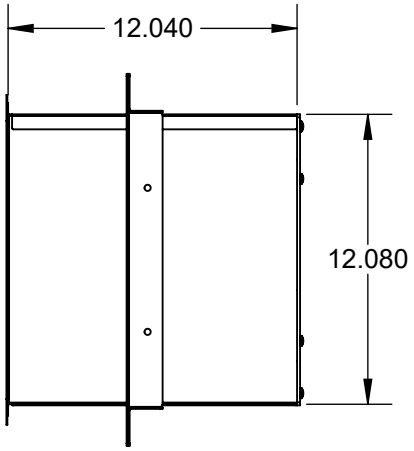
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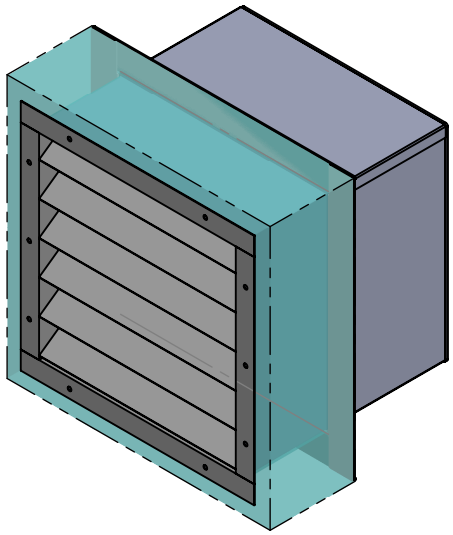
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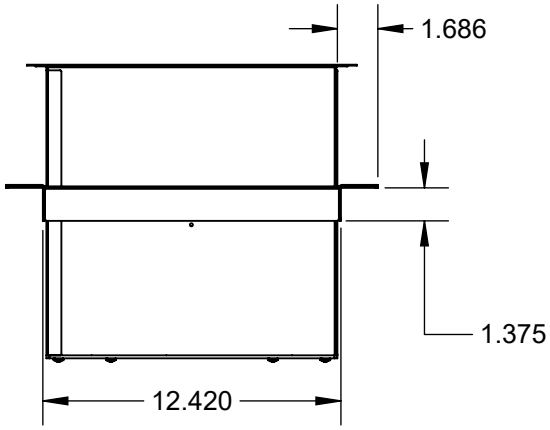
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A.HIRSH	2/19/2025	A
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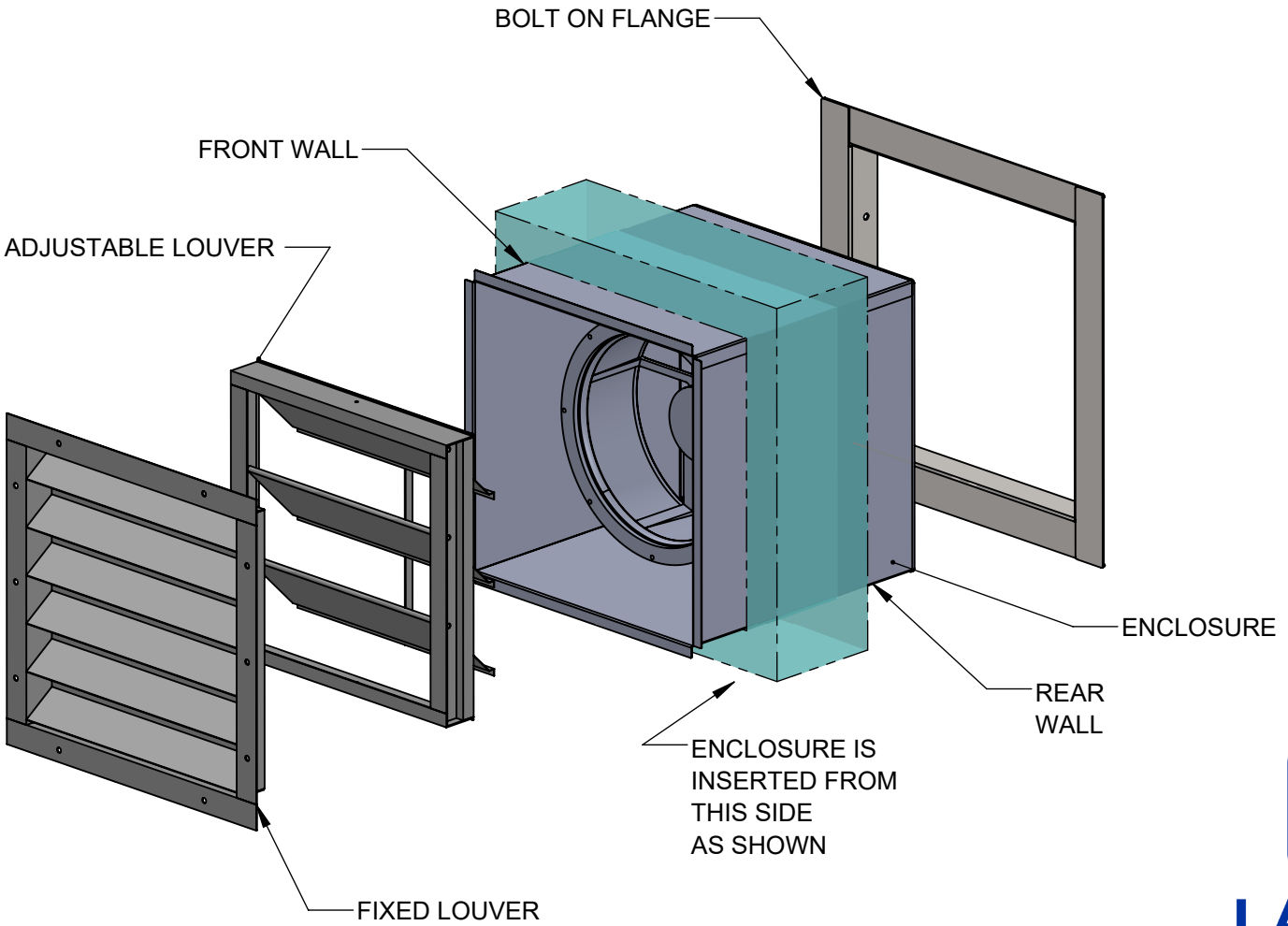
EPF-LPSM-B-12-0.15HP-120V

SIZE		REV
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DIMENSIONS ARE IN INCHES				
DO NOT SCALE DRAWING	DATE	3/21/2025	SCALE: NTS	SHEET 1 OF 2

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PART NUMBER:

EPF-LPSM-B-12-0.15HP-120V

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A		1

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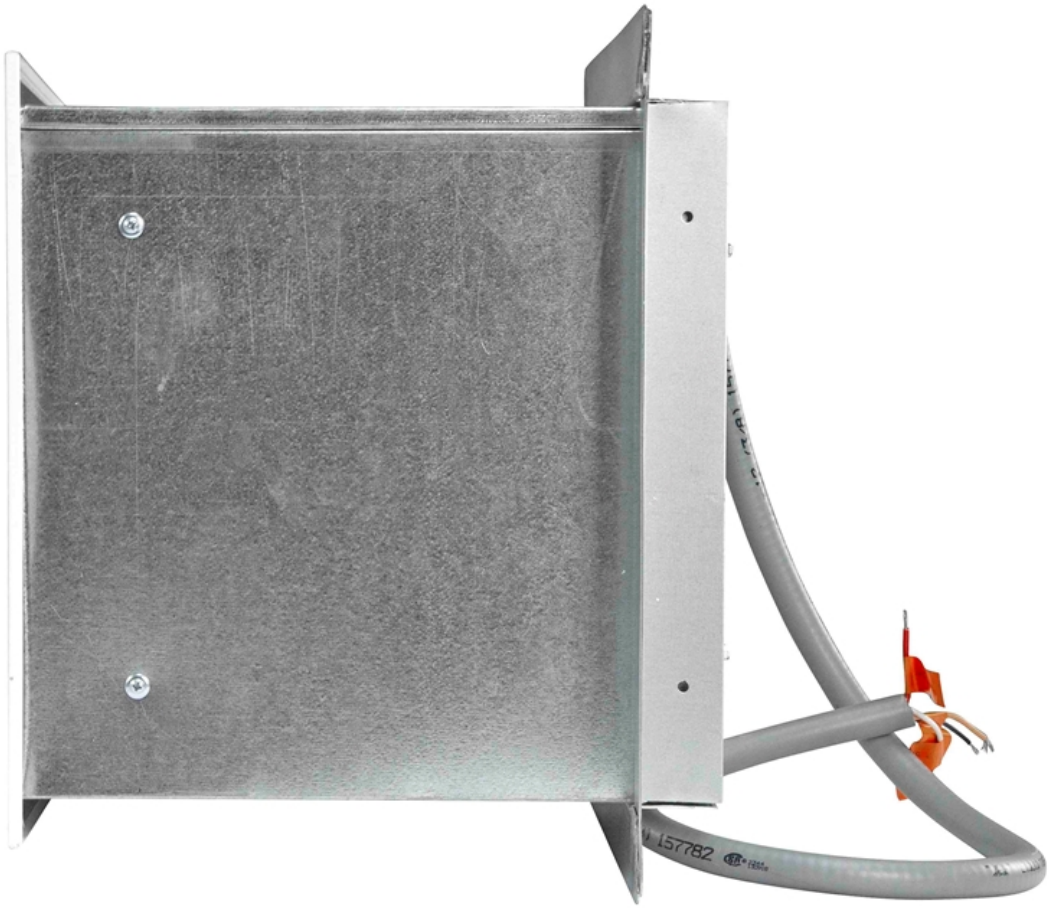
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Frequently Asked Questions (FAQ)

There are no Faqs