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

Product ID: 272144

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

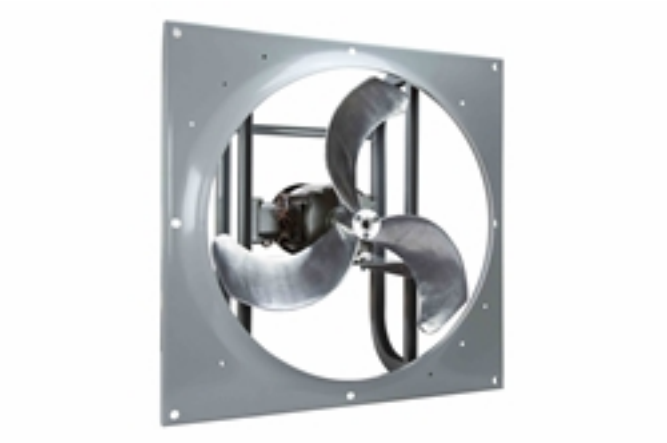

Image:

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.

ATEX-EPF-HPSM-18-0.5HP-3P-380V ATEX/IECEx Explosion Proof High Volume Ventilation Fan

Type: High Pressure High Volume Ventilation Fan
Propeller Dimensions: 18.625" Diameter
Propeller Material: Spark-Resistant Cast Aluminum
Weight: 55 lbs
Voltage: Multi-Voltage - 380 +/-10% AC 3 Phase
Motor: 1/2 HP Fully Enclosed Explosion Proof
Rotations Per Minutes (RPM): 1500
Peak CFM (@ 0" SP): 3990
Max Sones @ 5`: 23
Temperature Rating: T4
Wiring: Hard-Wired
Mounting: Permanent Mount
Total Dimensions: 15.625"D x 22"W x 22"H

Ratings/Features:

NRTL Listed for European Union & International ATEX/IECEx Rated
Zone 1 and 2, Groups IIA and IIB
Ex d - IE2
Spark-Resistant Propeller
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 ATEX-EPF-HPSM-18-0.5HP-3P-380V from Larson Electronics is a high pressure, high volume ATEX/IECEx explosion proof ventilation fan that operates on 380 +/-10% V AC voltage. This high volume explosion proof ventilation fan features an 18" diameter

spark resistant cast aluminum blade that moves air at a rate of up to 3990 cubic feet per minute (CFM) for superior ventilation and air movement. The ATEX-EPF-HPSM-18-0.5HP-3P-380V is powered by a fully enclosed and ATEX/IECEx explosion proof 1/2 horsepower motor.

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

The ATEX-EPF-HPSM-18-0.5HP-3P-380V explosion proof fan is rated for ATEX/IECEx Zone 1 and 2, Groups IIA and IIB hazardous environments. The 18" diameter propeller on this explosion proof high pressure ventilation 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 three phase explosion proof ventilation fan has a 1/2 horsepower fully enclosed motor that can spin the propeller at a rate of 1500 RPM.

Voltage: The ATEX-EPF-HPSM-18-0.5HP-3P-380V explosion proof ventilation fan operates on 380 +/- 10% V AC.

Wiring: The ATEX-EPF-HPSM-18-0.5HP-3P-380V is a hard-wired ventilation fan that should be installed according to national, state and local electrical and mechanical codes.

Applications: ATEX/IECEx Zone 1 and 2, Groups IIA and IIB 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 18" diameter propeller.
3. ATEX/IECEx Zone 1 and 2, Groups IIA and IIB rated.
4. 380 +/-10% V AC operation.
5. Moves up to 3990 cubic feet of air per minute.
6. Fully assembled and ready to install

CFM Static Pressure (SP) Ratings

0" SP - 3990 CFM
2. 1/8" SP - 3780 CFM
3. 1/4" SP - 3480 CFM
4. 3/8" SP - 3020 CFM
5. 1/2" SP - 2250 CFM

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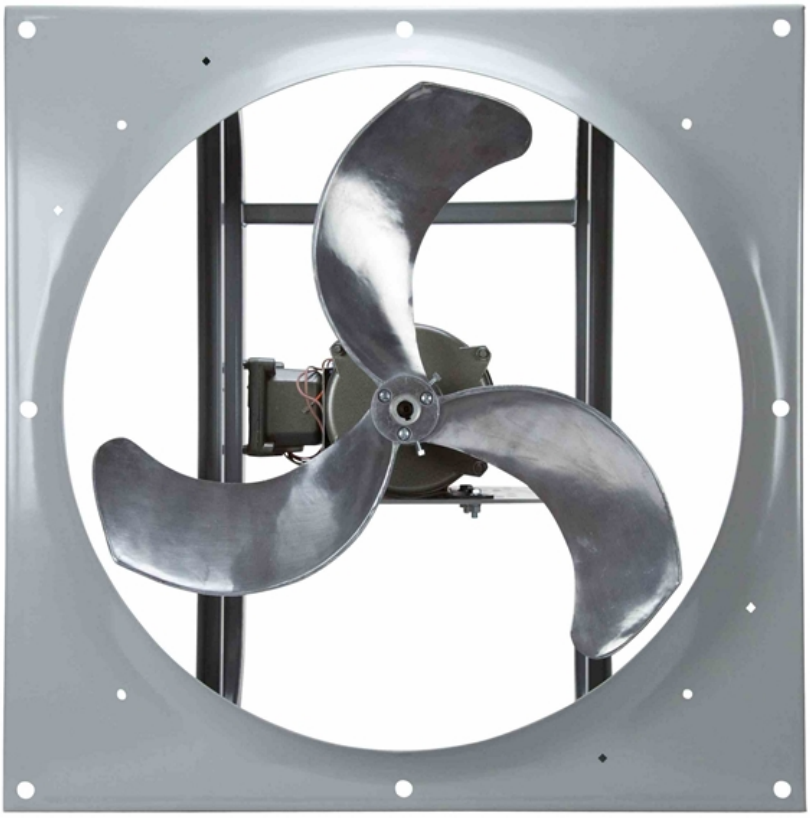
Frequently Asked Questions (FAQ)

There are no Faqs



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Links (Click on the below items to view):

- **Dimensional Drawing 2D**(https://www.larsonelectronics.com//images/product/DimensionalDrawing/272144.PDF)
- **STEP File (3D CAD Model)**(https://www.larsonelectronics.com//images/product/Step/272144.ZIP)
- **HigResPic1**(https://www.larsonelectronics.com//images/product/HigResPic1/272144.JPG)
- **HigResPic2**(https://www.larsonelectronics.com//images/product/HigResPic2/272144.JPG)
- **HigResPic3**(https://www.larsonelectronics.com//images/product/HigResPic3/272144.JPG)
- **HigResPic4**(https://www.larsonelectronics.com//images/product/HigResPic4/272144.JPG)
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