Larson Electronics LLC
9419 E US HWY 175, Kemp, TX 75143
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## ATEX-EPF-HPSM-24-1HP-3P-380V

# 24" Explosion Proof Fan - 6860 CFM - 1.5 HP - 1800 RPM - 380V+/-10% - ATEX/IECEx Rated

**Product ID: 271976**

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

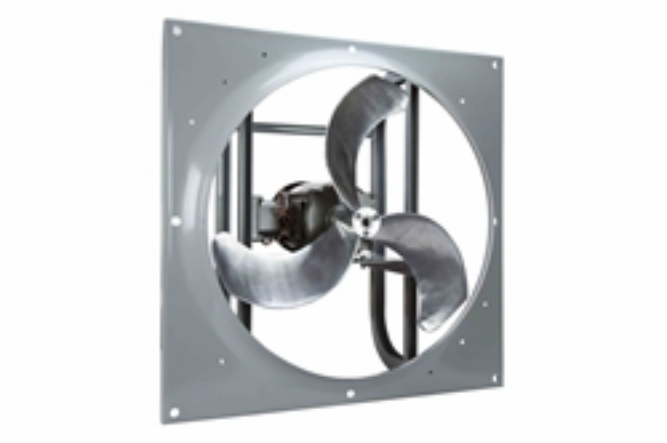

Image: ATEX-EPF-HPSM-24-1HP-3P-380V

**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-24-1HP-3P-380V Explosion Proof High Volume Ventilation Fan**

**Type:** High Pressure High Volume Ventilation Fan
**Propeller Dimensions:** 24" Diameter
**Propeller Material:** Spark-Resistant Cast Aluminum
**Weight:** 79 lb
**Voltage:** 380+/- 10% V AC 3 Phase
**Motor:** 1.5HP Fully Enclosed Explosion Proof
**Rotations Per Minutes (RPM):** 1800
**Peak CFM (@ 0" SP):** 6860
**Max Sound Levels @ 5`:** 35.4 (sones), 79.67 (db)
**Max Decibels @ 5':** 80 dBA
**Wiring:** Hard-Wired via Junction Box
**Mounting:** Permanent Mount
**Total Dimensions:** 12.25"D x 30"W x 30"H

**Ratings/Features:**

ATEX/IEC Rated Flameproof Motor
Zone 1 and 2, Groups IIA and IIB
Ex d - IE2
T4 Temperature Rating
Spark-Resistant Propeller
Up To 6860 CFM Air Movement
Rated for ATEX/IECEx 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-24-1HP-3P-380V from Larson Electronics is a high pressure, high volume explosion proof ventilation fan that operates on 380 +/-10% V AC voltage. This high volume explosion proof ventilation fan features a 24" diameter spark resistant cast aluminum blade that moves air at a rate of up to 6860 cubic feet per minute (CFM) for superior ventilation and air movement. The ATEX-EPF-HPSM-24-1HP-3P-380V is powered by a fully enclosed and ATEX/IECEx rated explosion proof 1.5 horsepower motor.**

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

The ATEX-EPF-HPSM-24-1HP-3P-380V explosion proof fan is rated for ATEX/IECEx Zones 1 and 2, Groups IIA and IIB hazardous environments. The 24" 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 1.5 horsepower fully enclosed motor that can spin the propeller at a rate of 1800 RPM.

**Voltage:** The ATEX-EPF-HPSM-24-1HP-3P-380V explosion proof ventilation fan operates on 380 +/-10% V AC.

**Wiring:** The ATEX-EPF-HPSM-24-1HP-3P-380V is a hard-wired ventilation fan that should be installed according to national, state and local eletrical 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.

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**Made in USA Quality**

1. Fully enclosed explosion proof 1HP motor.
2. Spark-resistant cast aluminum 24" diameter propeller.
3. Class I Group D and Class II Groups F & G rated.
4. 380+/-10% V operation.
5. Moves up to 6860 cubic feet of air per minute.
6. Fully assembled and ready to install

**CFM Static Pressure (SP) Ratings**

0" SP - 6860 CFM
2. 1/8" SP - 6560 CFM
3. 1/4" SP - 6240 CFM
4. 3/8" SP - 5900 CFM
5. 1/2" SP - 5426 CFM

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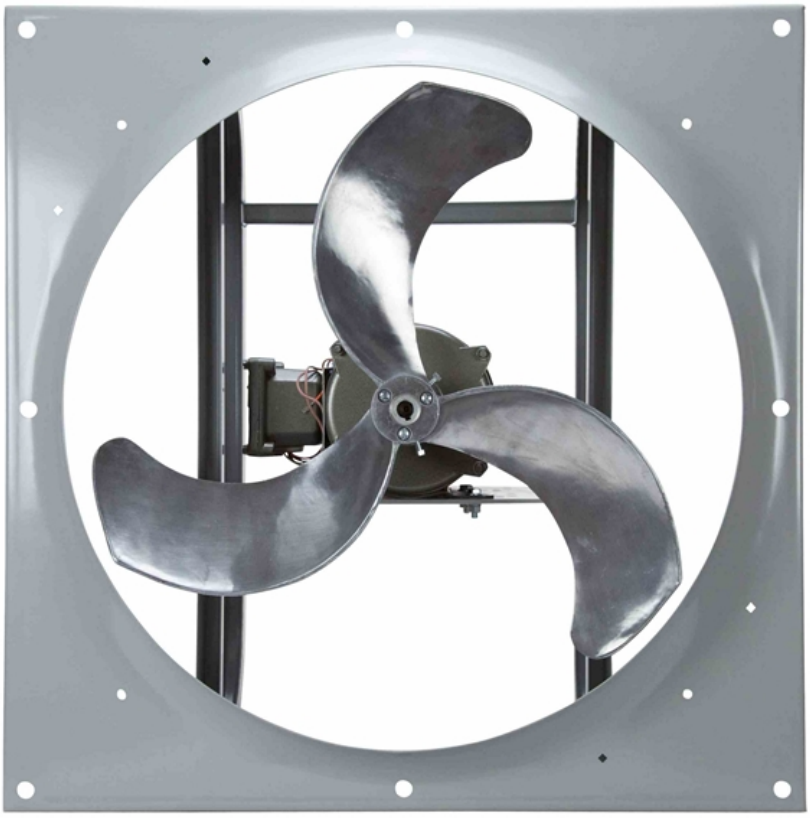
# Frequently Asked Questions (FAQ)

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/271976.PDF )
- **STEP File (3D CAD Model)**( https://www.larsonelectronics.com/images/product/Step/271976.ZIP )
- **HigResPic1**( https://www.larsonelectronics.com/images/product/HigResPic1/271976.JPG )
- **HigResPic2**( https://www.larsonelectronics.com/images/product/HigResPic2/271976.JPG )
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- **HigResPic10**( https://www.larsonelectronics.com/images/product/HigResPic10/271976.JPG )
- **Video1**( https://www.youtube.com/watch?v=CW5nxSIwliQ )
- **ISO 9001 Certification**( http://larsonelectronics.com/images/pdfdocs/ISO9001.PDF )
- **Business Certificate**( https://www.larsonelectronics.com/images/pdfdocs/w9.PDF )
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