

**30" Explosion Proof Fan - 10440 CFM - 1 HP - 230-460V 3P - Class 1 Group D & Class 2 Groups F & G**

Part #: [EPF-HPSM-30-1HP-3P](#)



**Made in the USA**

The EPF-HPSM-30-1HP-3P from Larson Electronics is a high pressure, high volume explosion proof ventilation fan that operates on 230-460V AC voltage. This high volume explosion proof ventilation fan features a 30" diameter spark resistant cast aluminum blade that moves air at a rate of up to 10440 cubic feet per minute (CFM) for superior ventilation and air movement. The EPF-HPSM-30-1HP-3P is powered by a fully enclosed and explosion proof 1 horsepower motor.

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

The EPF-HPSM-30-1HP-3P explosion proof fan is rated for Class I Group D and Class II Groups F & G hazardous environments. The 30" 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 horsepower fully enclosed motor that can spin the propeller at a rate of 1150 RPM.

**Voltage:** The EPF-HPSM-30-1HP-3P explosion proof ventilation fan is multi-voltage capable and can operate on voltages ranging from 230-460V AC.

**Wiring:** The EPF-HPSM-30-1HP-3P 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 HP motor.
2. Spark-resistant cast aluminum 30" diameter propeller.
3. Class I Group D and Class II Groups F & G rated.
4. Multi-voltage capable.
5. Moves up to 10440 cubic feet of air per minute.
6. Fully assembled and ready to install

**CFM Static Pressure (SP) Ratings**

- 0" SP - 10440 CFM
2. 1/8" SP - 9750 CFM
3. 1/4" SP - 8750 CFM
4. 3/8" SP - 7640 CFM
5. 1/2" SP - 6000 CFM

**Specifications / Additional Information**

**EPF-HPSM-30-1HP-3P Explosion Proof High Volume Ventilation Fan**

**Type:** High Pressure High Volume Ventilation Fan

**Propeller Dimensions:** 30" Diameter

**Propeller Material:** Spark-Resistant Cast Aluminum

**Weight:** 118 lbs

**Voltage:** Multi-Voltage - 230-460V AC 3 Phase

**Motor:** 1 HP Fully Enclosed Explosion Proof

**Rotations Per Minutes (RPM):** 1150

**Peak CFM (@ 0" SP):** 10440

**Max Sones @ 5':** 29

**Wiring:** Hard-Wire

**Mounting:** Permanent Mount

**Warranty:** Yes - 1 Year\*

**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 10440 CFM Air Movement

Rated for Hazardous Environments

Made in the USA

**Special Orders- Requirements**

Contact us for special requirements

**Toll Free:** 1-800-369-6671

**Intl:** 1-903-498-3363

**E-mail:** sales@larsonelectronics.com

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[Part #: EPF-HPSM-30-1HP-3P \(146362\)](#)









Links (Click on the below items to view):

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- [Hi-Res Image 2 - 30in Explosion Proof Fan Front](#)
- [Hi-Res Image 3 - 30in Explosion Proof Fan Front Angle](#)
- [Hi-Res Image 4 - 30in Explosion Proof Fan Side](#)
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- [Hi-Res Image 7 - 30in Explosion Proof Fan Back Angle](#)
- [Hi-Res Image 8 - 30in Explosion Proof Fan Bottom](#)
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