Larson Electronics LLC
9419 E US HWY 175, Kemp, TX 75143
Phone: 800.369.6671

www.LarsonElectronics.com
Email: sales@LarsonElectronics.com
Fax: 903.498.3364

EPF-SM-30-100-EPP

30" Electric Explosion Proof Fan on 4' Stand - 8723 CFM - 30" - Pedestal Mount - 100' Cord - C1D1

Product ID: 145918

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-SM-30-100-EPP Hazardous Location Fan
Dimensions: 30"L x 30"W x 71.44"JH
Weight: 72 lbs
Motor: 0.25 Horsepower
Voltage: 115V or 208-230V
Start-up Amps: 9.8A @ 115V, 4.9A @ 208-230V
Fan Type: Circular Pedestal
Ambient Temperature Rating: 10°C to 40°C
Motor Insulation: Class B
CFM Delivery: 10,670
Rotations Per Minute (RPM): 1,140
Noise Level: 75db @ 3ft
Wiring: 100` 16/3 Cable with Explosion Proof Plug
Cord Cap: 5-15P (115V), 5-20P (115V), 6-20P (208-230V)

Ratings
Class I Division 1 Groups C & D
Class II Division 2 Groups E, F, & G
OSHA Compliant

Special Orders - Special Requirements
Contact us for special requirements

Toll Free: 1-800-369-6671
Intl: 1-903-270-1187
Fax: 1-903-498-3364
E-mail: sales@larsonelectronics.com

Made in Texas

The Larson Electronics EPF-SM-30-100-EPP hazardous location fan is designed as a spot cooling fan for use in hazardous atmospheres. This Class I Division 1, Class II Division 1 fan is rated for use in atmospheres that include flammable or explosive vapors, gas, or dusts. The non-sparking aluminum fan blades offer increased safety in hazardous locations. The EPF-SM-30-100-EPP OSHA compliant 30" circulation fan delivers maximum airflow to a variety of

hazardous work environments.

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

This hazardous location fan has a spark-proof design intended to minimize the chance for the fan to be the cause of an ignition or explosion in a hazardous environment. It is important to note that no fan can be completely explosion proof. However, the EPF-SM-30-100-EPP hazardous location fan has all the design elements that minimize that risk including non-sparking blades and a thermally protected, maintenance free 1/4 HP motor. The EPF-SM-30-100-EPP has an ambient temperature rating of 10° to 40°C. This hazardous location pedestal fan has a 30" diameter and generates over 10,000 CFM of air output for efficient spot cooling. The EPF-SM-30-100-EPP fan is available in 115V operating at 9.8 amps or 208-230V operating at 4.9 amps. The powder coated steel fan guards offer corrosion resistance and a high degree of durability while the heavy duty galvanized steel pedestal stand offers a sturdy base. The explosion proof fan weighs 68 pounds, spins at 1,140 RPM and is equipped with 100` of 16/3 SOOW cable and explosion proof plug.

Cord Options: The Larson Electronics EPF-SM-30-100-EPP hazardous location fan is outfitted with 100` of 16/3 SOOW cable and an explosion proof plug. The 115V model is available with a 5-15 or 5-20 explosion proof plug while the 208-230V model has a 6-20 explosion proof plug.

Click Photos to Enlarge



5-15 Straight Blade Plug



5-20 Straight Blade Plug



6-20 Straight Blade Plug

Wiring & Plug: This hazardous location fan is equipped with 100 feet of 16/3 chemical and abrasion resistant SOOW cord that is fitted with an explosion proof cord cap for easy connection to explosion proof outlets. Plug options include a 5-15 15 amp straight blade plug for use with 120V explosion proof outlets, a 5-20 20 amp straight blade plug for use with 120V explosion proof outlets, or a 6-20 20 amp straight blade plug for use with 220-240V explosion proof outlets.

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)

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EPF-SM-30-100-EPP

Product ID: 145918

Export Control Classification Number (ECCN): EAR99

Options:

EPF-SM-30-100-EPP-Cord Cap

Example: EPF-SM-30-100-EPP-1523

Cord Cap	
5-15	-1523
5-20	-2023-125V
6-20	-2023-250V

Links (Click on the below items to view):

- Canadian CEC Certificate (Commonly referred to as CSA Certificate)
- CE Certificate
- Certificate 1, Misc
- Certificate 2, Misc
- Certificate 3, Misc
- Dimensional Drawing 2D
- MSDS (Material Safety Data Sheet
- Operations Manual
- RoHS Certificate (Restriction of Hazardous Substances)
- SpecSheetRussian
- SpecSheetSpanish
- STEP File (3D CAD Model)
- USA NEC Certificate (Commonly referred to as UL Certificate)
- Wiring Diagram (Oneline)
- HigResPic1
- HigResPic2
- HigResPic3
- HigResPic4
- HigResPic5
- HigResPic6
- Video1
- Video2
- ISO 9001 Certification
- Business Certificate
- Shipping Time Map