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EPF-SM-24-SW

24" Electric Explosion Proof Fan on Stand - C1D1 - 7980 CFM, Integrated On/Off Switch - Pedestal Mount - 50' Cord

Product ID: 273697

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-24-SW Hazardous Location Fan
Listing: NRTL Listed for United States and Canada
Unit Type: Hazardous Location Fan (Circular Pedestal)
Dimensions: 30.25"-L x 30.25"-W x 72.27"-H
Weight: -
Voltage: 115V or 208-230V
Phase: 1-phase
Motor: 0.50 Horsepower
Rotations Per Minute (RPM): 1,725
Blade Pitch: 14 Degrees
CFM Delivery: 7,980
Switch Type: Integrated On/Off Switch Mounted to Upright Center Pole
Start-up Amps: 9.8A @ 115V, 4.9A @ 208-230V
Operating Temperature: -
Blade Material: Aluminum
Fan Material/Finish: Powder Coated Steel
Wiring: 50` 16/3 Cable with Explosion Proof Plug
Cord Cap: 5-15P (115V), 5-20P (115V), 6-20P (208-230V)
Blade/Fan Color: Metallic/Black

Ratings
Class I, Division 1
Class II, Division 1
Direct Drive
Thermal Protection

Special Orders - Special Requirements
Contact us for special requirements

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Made in Texas

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The Larson Electronics EPF-SM-24-SW hazardous location fan is designed as a spot cooling fan for use in hazardous atmospheres. This Class I, Division 1 and Class II, Division 1 fan is rated for use in atmospheres and environments with flammable or explosive vapors, gas or dust. Three aluminum fan blades angled at 14 degrees (pitch) offer direct cooling in hazardous locations. The EPF-SM-24-SW 24" circulation fan comes with a 50` 16/3 SOOW cable and an explosion proof plug for connection to power sources.

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

This hazardous location fan is equipped with a robust design that is intended to minimize ignition or explosion in the applicable hazardous environment. It is important to note that no fan can be completely explosion proof. However, the EPF-SM-24-SW hazardous location fan has all the design elements that minimize that risk including aluminum blades and a thermally protected, maintenance free 1/2 HP motor. Operators may access an integrated on/off switch secured on the pole for seamless activation and deactivation during use.

This hazardous location pedestal fan has a 24" diameter and generates over 7,980 CFM of air output for efficient spot cooling. The EPF-SM-24-SW 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 pedestal stand offers a sturdy base. The explosion proof fan spins at 1,725 RPM and is equipped with 50` of 16/3 SOOW cable and explosion proof plug.

Cord Options: The Larson Electronics EPF-SM-24-SW hazardous location fan is outfitted with 50` 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 50 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.

Applications: Hazardous locations, industrial sites, oil and gas facilities, processing plants, construction, aerospace facilities, indoor/outdoor cooling systems 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.

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Frequently Asked Questions (FAQ)

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EPF-SM-24-SW

Product ID: 273697

Export Control Classification Number (ECCN): EAR99

Options:

EPF-SM-24-SW-Cord Cap

Example: EPF-SM-24-SW-1523

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

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Links (Click on the below items to view):

- Canadian CEC Certificate (Commonly referred to as CSA Certificate)
- Certificate 1, Misc
- Certificate 2, Misc
- Certificate 3, Misc
- Dimensional Drawing 2D
- MSDS (Material Safety Data Sheet
- Operations Manual
- SpecSheetRussian
- SpecSheetSpanish
- USA NEC Certificate (Commonly referred to as UL Certificate)
- Wiring Diagram (Oneline)
- HigResPic1
- HigResPic2
- HigResPic3
- HigResPic4
- HigResPic5
- HigResPic6
- HigResPic7
- HigResPic8
- HigResPic9
- HigResPic10
- Video1
- Video2
- ISO 9001 Certification
- Business Certificate
- Shipping Time Map