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

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EPF-SM-30-WC-240V-3PH-30A

30" Electric Explosion Proof Fan on 4' Stand - Swivel Casters - 10,670 CFM - Pedestal Mount - 240V 3-Phase - 50' Cord - 30A Pin & Sleeve Plug

Product ID: 341629

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



Image: EPF-SM-30-WC-240V-3PH-30A

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-WC-240V-3PH-30A Hazardous Location Fan

Dimensions: 30"L x 30"W x 71.44"H
Weight: 68 lbs
Motor: 0.50 Horsepower
Voltage: 240V AC, Three-Phase
Start-up Amps: 2.5A @ 240V 3Ø
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: 50' 12/4 SOOW Cable with Hazardous Location Pin & Sleeve Plug
Cord Cap: 30A, 250V AC, Hazardous Location Pin & Sleeve Plug

Ratings

Class I Division 1 Groups C & D
Class II Division 2 Groups E, F, & G
OSHA Compliant
T3 Temperature Rating
Four Anti-Static Swivel Casters

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 Texas

The Larson Electronics EPF-SM-30-WC-240V-3PH-30A hazardous location fan with swivel casters is designed as a portable spot cooling fan for use in hazardous

atmospheres. This Class I Division 1, Class II Division 2 fan is rated for use in atmospheres containing flammable or explosive gases, vapors and combustible dusts. The non-sparking aluminum fan blades provide enhanced safety in hazardous environments. The EPF-SM-30-WC-240V-3PH-30A OSHA-compliant 30" circulation fan delivers maximum airflow while featuring a 1/2 HP, 240V AC three-phase motor equipped with a 50-foot 12/4 SOOW cable and a 30A 250V hazardous location pin-and-sleeve plug.

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-WC-240V-3PH-30A hazardous location fan has all the design elements that minimize that risk including non-sparking blades and a thermally protected, maintenance free 1/2 HP motor. The EPF-SM-30-WC-240V-3PH-30A has an ambient temperature rating of 10° to 40°C. This fan features two swivel casters in the front and two stationary casters in the back made with anti-static stainless steel hardware for seemless wheeling around the workplace.

This hazardous location pedestal fan has a 30-inch diameter and delivers 10,670 CFM of airflow for effective spot cooling in demanding industrial environments. The 240V AC three-phase motor operates at approximately 2.5 amps, rotates at 1,140 RPM, and is housed behind durable powder-coated steel fan guards with a heavy-duty galvanized steel pedestal stand. The complete assembly weighs 68 pounds and is supplied with 50 feet of 12/4 SOOW cable terminated with a 30A, 250V hazardous location pin-and-sleeve plug.

Cord Options: The Larson Electronics EPF-SM-30-WC-240V-3PH-30A hazardous location fan is equipped with 50 feet of 12/4 SOOW cable and a 30A, 250V hazardous location pin-and-sleeve plug, suitable for use with compatible hazardous location receptacles in three-phase applications..

Wiring & Plug: This hazardous location fan is equipped with 50 feet of chemical- and abrasion-resistant 12/4 SOOW cord terminated with a 30A, 250V hazardous location pin-and-sleeve cord cap, providing a secure connection to compatible hazardous location receptacles for 240V AC three-phase power.

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)

There are no Faqs

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Product ID: 341629

Export Control Classification Number (ECCN): EAR99

Options:

EPF-SM-30-WC-240V-3PH-30A-Cord Cap
Example: EPF-SM-30-WC-240V-3PH-30A-1523

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

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- **Video1**(https://www.youtube.com/watch?v=u_eQkS6S7As)
- **Video2**(https://www.youtube.com/watch?v=7rkY4EtZcUs)
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