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EPF-AC-30-3P-480V

Explosion Proof Portacool Portable Evaporative Cooler - 480V, 3-phase - 30" OD, 8723 CFM, 34 Gallons - Powder Coated

Product ID: 278335

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-AC-30-3P-480V Explosion Proof Air Mister

Listing: NRTL Listed for United States & Canada
Dimensions: 36"L x 39"W x 66"H
Weight: -
Voltage: 480V AC
Phase: 3-phase
Fan Motor: 1/4 HP
Fan RPM: 1140
Fan CFM: 8723
Fan Nozzles: 8
Sound Level: 75db @ 3ft
Motor Insulation: Class B
Amp Draw: -
Discharge Temp: 15-30°F
Ambient Temperature Rating: 10°C to 65°C
Materials: Powder Coated Steel Frame
Mount: Portable Cart w/ 6" Wheels
Tank Size: 34 gallons
Run Time: 8 hrs
Wiring: 20' 16/4 SOOW Cord w/ Explosion Proof Cord Cap
EXP Cord Cap: 30A Pin/Sleeve 3P4W [480V]

Ratings / Approvals

Class I, Divisions 1 & 2, Group D
Class II, Divisions 1 & 2, Groups E, F & G
T3B Temperature Rating
Corrosion Resistant Powder Coated Steel Frame

Special Orders - Special Requirements

Contact us for special requirements

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Made in the USA

The EPF-AC-30-3P-480V Class I, Division 1 Portable Evaporative Cooling System is rated for use in hazardous location work environments. This explosion proof powder coated air chiller combines a non-sparking fan and dry mist technology to cool Class I, Division 1 work areas that do not have access to traditional air conditioning. This portable cooling is equipped with a 34-gallon tank and a water filter to cool the work environment for up to 8 hours.

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

This Larson Electronics evaporative cooling unit is rated Class I, Division 1 & 2, Group D and Class II, Divisions 1 & 2, Groups E, F & G explosion proof environments. Using dry mist technology, this air chiller ensures that your work environment stays dry while lowering the ambient temperature. At 36" wide by 39" deep by 66" tall, this evaporative cooling unit can reach an evaporation zone of 5`-10`. With a 30" fan and eight spray nozzles, this unit is applicable to work areas with smaller access ways. This portable cooling system will automatically shut off once the water reservoir is empty, so operators don`t need to worry about burning out the pumps. The EPF-AC-30-3P-480V has an ambient temperature rating of 10° to 65°C. This cooling system comes with a 30" spark proof aluminum blade and has enclosed wire and motors.



Click Photo to Enlarge

With a fan unit running at 8723 RPM, this portable misting unit can chill down any industrial or commercial space in need of a cool down. Since one tank can easily last an entire work shift, there is no need for messy hose connections running throughout the work space. It is designed to be self-maintaining, therefore operators will not need to interrupt their work to replace pads or clean the nozzles.

Voltage: This unit operates on three-phase 480V AC power.

Wiring & Plug: This explosion proof air mister is equipped with 20 feet of 16/4 chemical and abrasion resistant SOOW cord that is fitted with a 30-amp pin/sleeve 3P4W 480V explosion proof cord cap for easy connection to explosion proof outlets.

Mounting: The EPF-AC-30-3P-480V hazardous location evaporative cooling unit is easy to move around with 6" pneumatic wheels and crane pick-eye. Its powder coated steel frame ensures minimal rusting and maximum longevity, as well as a very easy to clean surface.

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)









EPF-AC-30-3P-480V

Product ID: 278335

Export Control Classification Number (ECCN): EAR99

Links (Click on the below items to view):

- **Operations Manual**
- **Wiring Diagram (Oneline)**
- **HigResPic1**
- **HigResPic2**
- **HigResPic3**
- **HigResPic4**
- **HigResPic5**
- **HigResPic6**
- **ISO 9001 Certification**
- **Business Certificate**
- **Shipping Time Map**