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EPF-AC-30-EPP.CE16A

Explosion Proof Portacool Portable Evaporative Cooler - Powder Coated - 30" OD - 8723 CFM - 34 Gallon - C1D2 Pin/Sleeve Cord Cap

Product ID: 265916

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



Image: EPF-AC-30-EPP.CE16A

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-EPP.CE16A Explosion Proof Air Mister

Dimensions: 36"L x 39"W x 66"H
Weight: 175 lb
Noise Level : 75 db @ 3 ft
Fan Motor: 1/4 HP
Fan RPM: 1140
Fan CFM: 8723
Fan Nozzles: 8
Sound Level: 75db @ 3ft
Voltage: 120 V AC 60 Hz or 220 V AC 50 Hz
Ambient Temperature Rating: 10°C to 65°C
Motor Insulation: Class B
Amp Draw: 6.62 A @ 120 V / 3.5 A @ 230 V
Discharge Temp: 15-30°F
Tank Size: 34 gallons
Run Time: 8 hrs
Wiring: 20' SOOW Cable w/ Ex rated IEC 60309 Cord Cap
Cord Cap Options: 250 V (Blue) or 125 V (Yellow)
Materials: Steel
Finish: Powder Coated - Blue

Ratings / Approvals

Class I Divisions 1 & 2, Group D
Class II Divisions 1 & 2, Groups E, F & G
T3B Temperature Rating

Special Orders - Special Requirements

Contact us for special requirements
Toll Free: 1-800-369-6671
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Made in the USA

The EPF-AC-30-EPP.CE16A 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 features a 34 gallon tank and a water filter to cool the work environment for up to 8 hours. The EPF-AC-30-EPP.CE16A is equipped with a C1D2 pin/sleeve cord cap.

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" inch 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-EPP.CE16A has an ambient temperature rating of 10° to 65°C.



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.

Features

- Explosion proof
- Enclosed wires and motors
- 30" spark proof blade
- Application of dry mist technology
- Drops temperatures 20-30° Fahrenheit
- Operates up to 8 hours on a single tank
- Automatic pump shutoff when tank nears empty.
- Weighs 175 lb
- Reaches an area of 3,500 square feet

- Can be crane lifted
- 0.7 GPM at 60 PSI
- Eight individual spray nozzles strategically placed around the fan.
- Steel powder coated frame provides durable construction, corrosion resistance and and easy to clean surface.

This unit comes with a 30" spark proof aluminum blade and enclosed wire and motors. The fan blades are spark resistant and the unit is easily transported to various job sites. This cooler is easily transferred with 6" pneumatic wheels and connects via a 20` cord terminating in an explosion proof plug. This unit operates on 120 V or 220 V AC and has an amp draw of 6.62 A on a 120 V AC system.

Wiring & Plug: This explosion proof air mister is equipped with 20 feet of 16/3 chemical and abrasion resistant SOOW cord that is fitted with an Ex rated IEC 60309 cord cap that is rated for 16 amps and is suitable for EX II 2 G, EEx ed IIC T6, Ex II 2 D IP 66 T80°C, and IP66 rated. The cord cap is available in either 125 V or 250 V configurations. The 125 V cord cap is colored yellow and the 250 V cord cap is colored blue.***PLEASE NOTE** The cord cap on this unit must be connected OUTSIDE the C1D1 environment or the unit MUST be operated in a C1D2 environment.*

The EPF-AC-30-EPP.CE16A hazardous location evaporative cooling unit is easy to move around with its quick connect crane pick-eye and its powder coated steel frame ensures minimal rusting and maximum longevity as well as a very easy to clean surface. Applications include Class I Division 2 areas, including oil rig floors, construction sites, and tank cleaning applications.

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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EPF-AC-30-EPP.CE16A

Product ID: 265916

Export Control Classification Number (ECCN): EAR99

Options:

EPF-AC-30-EPP.CE16A-Voltage
Example: EPF-AC-30-EPP.CE16A-120VAC

Voltage	
120V AC 60HZ	-120VAC
220V AC 50HZ	-220VAC

Links (Click on the below items to view):

- **Canadian CEC Certificate (Commonly referred to as CSA Certificate)**(https://www.larsonelectronics.com/images/product/CECCert/265916.PDF)
- **CE Certificate**(https://www.larsonelectronics.com/images/product/CECert/265916.PDF)
- **Certificate 1, Misc**(https://www.larsonelectronics.com/images/product/Cert1/265916.PDF)
- **Certificate 2, Misc**(https://www.larsonelectronics.com/images/product/Cert2/265916.PDF)
- **Certificate 3, Misc**(https://www.larsonelectronics.com/images/product/Cert3/265916.PDF)
- **MSDS (Material Safety Data Sheet**(https://www.larsonelectronics.com/images/product/Msds/265916.PDF)
- **RoHS Certificate (Restriction of Hazardous Substances)**(https://www.larsonelectronics.com/images/product/RoHSCert/265916.PDF)
- **USA NEC Certificate (Commonly referred to as UL Certificate)**(https://www.larsonelectronics.com/images/product/NECCert/265916.PDF)
- **Wiring Diagram**(https://www.larsonelectronics.com/images/product/WiringDiagram/265916.PDF)
- **HigResPic1**(https://www.larsonelectronics.com/images/product/HigResPic1/265916.JPG)
- **HigResPic2**(https://www.larsonelectronics.com/images/product/HigResPic2/265916.JPG)
- **HigResPic3**(https://www.larsonelectronics.com/images/product/HigResPic3/265916.JPG)
- **HigResPic4**(https://www.larsonelectronics.com/images/product/HigResPic4/265916.JPG)
- **HigResPic5**(https://www.larsonelectronics.com/images/product/HigResPic5/265916.JPG)
- **HigResPic6**(https://www.larsonelectronics.com/images/product/HigResPic6/265916.JPG)
- **Video1**(https://www.youtube.com/watch?v=nej5SX8wfec)
- **ISO 9001 Certification**(http://larsonelectronics.com/images/pdfdocs/ISO9001.PDF)
- **Business Certificate**(https://www.larsonelectronics.com/images/pdfdocs/w9.PDF)
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