

EPH-SH-FH-CD-18KW-120V.1P-25C-EPP

Explosion Proof Mobile Horizontal Fan Forced Steam Heater - 120V - On/Off Switch, 12' Cord - Cart Mount

Product ID: 243584

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



Image: EPH-SH-FH-CD-18KW-120V.1P-25C-EPP

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.

Please note: This unit requires a water line connection to work. This connection is not included and must be provided by the operator.

EPH-SH-FH-CD-18KW-120V.1P-25C-EPP Portable Steam Heater

Listing: NRTL Listed for United States and Canada

Unit Type: Horizontal Forced Fan Steam Heater w/ Explosion Proof Motor

Dimensions: -

Fan Diameter: 9"

Weight: -

Voltage: 120 V AC

Watts: 60W

Horsepower: 1/60 HP

Input BTU/H: 18,000 BTUs - 2 lbs of Steam @ 60°F Entering Air

Output BTU: 12,600 BTUs -Hot Water @ 200°F in 60°F Entering Air

Entering Airflow CFM: 340 CFM

Heat Throw: 17'

Water Flow: 2 GPM (Recommended), 0.3 GPM (Minimum), 5 GPM (Maximum)

Final Air Temperature - Hot Water: 93°F

Ratings/Features

Class I, Divisions 1 & 2, Groups C & D

Totally Enclosed Motor w/ Thermal Overload Protection

Quiet Operation

Skid/cart Mount

Anti-static Wheels

Final Air Temperature - Steam: 107°F

Switch: Integrated On/Off Switch (Cart)

Amps: 0.5 A @ 120 V

Materials: Steel

Finish: Polyester Powder Coat

Mount: Skid/cart Mount w/ Forklift Pockets, Anti-static Wheels

Cord: 12' 16/3 SOOW Cord w/ EXP Cord Cap

EXP Cord Cap Options: 5-15 or 5-20

Special Orders - Special Requirements

Contact us for special requirements

Intl: 1-903-270-1187

Toll Free: 1-800-369-6671

Fax: 1-903-765-7664

E-mail: sales@larsonelectronics.com

The EPH-SH-FH-CD-18KW-120V.1P-25C-EPP from Larson Electronics is an Explosion Proof Mobile Fan Forced Steam Heater that is ideal for heating industrial buildings. Compatible with 120 V AC, the 60-watt heater can throw heat at a distance of 17 feet. This cart-mounted unit is constructed of steel and comes with 12' of 16/3 SOOW cord and an explosion proof cord cap. The EPH-SH-FH-CD-18KW-120V.1P-25C-EPP requires a user provided water line connection to function.

The EPH-SH-FH-CD-18KW-120V.1P-25C-EPP is suitable for maintaining adequate temperatures in industrial work sites. Secured on a mobile cart and equipped with a 9" fan, this 60-watt unit operates on 120V AC and features an entering airflow of 340 CFM. The 1/60 HP horizontal forced fan steam heater accepts 18,000 BTU/H of 2 lb steam 60°F entering air and provides an output of 12,600 BTUs of hot water 200°F in 60°F entering air. Capable of throwing 17 feet of heat, the unit offers the following final air temperatures: 93°F (hot water) and 107°F (steam). Water flow rate is 2 GPM. An accessible integrated on/off switch on the cart allows operators to easily activate and deactivate the unit.

Please note: This unit requires a water line connection to work. This connection is not included and must be provided by the operator.

This portable explosion proof heater is constructed of steel, finished in polyester powder coat for durability. The unit features squared-off corners and provides quiet operation during use. A two-piece casing configuration allows seamless access to the coils. This heater is equipped with an explosion proof totally enclosed motor with thermal protection.

[Click Photos to Enlarge](#)



5-15 Straight Blade Plug



5-20 Straight Blade Plug

Wiring & Plug: This unit is equipped with 12 feet of 16/3 SOOW cord 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 or a 5-20 20 amp straight blade plug for use with 120V explosion proof outlets.

Mounting: The explosion proof steam heater is mounted on a skid/cart for portable



applications. This component features forklift pockets for seamless lifting and transportation. To prevent the release of static discharge, the cart is equipped with anti-static wheels.

Applications: Heating, manufacturing plants, chemical processing, cold-temperature facilities, farming operations, agricultural sites, flour processing, grain silos 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.



Frequently Asked Questions (FAQ)

There are no Faqs



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Product ID: 243584

Export Control Classification Number (ECCN): EAR99

Options:

EPH-SH-FH-CD-18KW-120V.1P-25C-EPP-Cord Cap

Example: EPH-SH-FH-CD-18KW-120V.1P-25C-EPP-1523

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



Links (Click on the below items to view):

- **Operations Manual**(<https://www.larsonelectronics.com/images/product/Manual/243584.PDF>)
- **Wiring Diagram**(<https://www.larsonelectronics.com/images/product/WiringDiagram/243584.PDF>)
- **HigResPic1**(<https://www.larsonelectronics.com/images/product/HigResPic1/243584.JPG>)
- **HigResPic2**(<https://www.larsonelectronics.com/images/product/HigResPic2/243584.JPG>)
- **HigResPic3**(<https://www.larsonelectronics.com/images/product/HigResPic3/243584.JPG>)
- **HigResPic4**(<https://www.larsonelectronics.com/images/product/HigResPic4/243584.JPG>)
- **HigResPic5**(<https://www.larsonelectronics.com/images/product/HigResPic5/243584.JPG>)
- **HigResPic6**(<https://www.larsonelectronics.com/images/product/HigResPic6/243584.JPG>)
- **HigResPic7**(<https://www.larsonelectronics.com/images/product/HigResPic7/243584.JPG>)
- **HigResPic8**(<https://www.larsonelectronics.com/images/product/HigResPic8/243584.JPG>)
- **HigResPic9**(<https://www.larsonelectronics.com/images/product/HigResPic9/243584.JPG>)
- **Video1**(<https://www.youtube.com/watch?v=71dLjBF1st4>)
- **ISO 9001 Certification**(<http://larsonelectronics.com/images/pdfdocs/ISO9001.PDF>)
- **Business Certificate**(<https://www.larsonelectronics.com/images/pdfdocs/w9.PDF>)
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