

EPH-FH-T3B-5KW-480.3P

5000W Explosion Proof Heater - Forced Fan Heater - C1D1, C2D1 - 480V 3PH - 580 CFM

Product ID: 222810



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.

EPH-FH-T3B-5KW-480.3P Hazardous Location Fan

Unit Type: Hazardous Location Forced Fan Type Heater

Dimensions: 22.5" x 17.75" x 21"

Weight: 167 lbs

Motor Voltage: 480V AC

Control Voltage: 24V

Phase: 3PH

Watts: 5,000W

BTUs: 17,100

Amps: 6.7

CFM: 580

Air Throw: 24'

Temperature Rating/Rise: T3A/16.5°F

Materials: Aluminum, Stainless Steel

Finish: Powder Coated Epoxy Paint Finish

Mount: -

Recommended Mounting Height: 8'

Color: Gray

Ratings/Features

Class I, Div 1 & 2 Groups C, D

Class II, Div 1 & 2 Groups E, F, G

6,000 Cycles of Service

Special Orders - Special Requirements

Contact us for special requirements

Toll Free: 1-800-369-6671

Intl: 1-903-270-1187

E-mail: sales@larsonelectronics.com

The Larson Electronics EPH-FH-T3B-5KW-480.3P Hazardous Location Fan provides active heating in hazardous locations and cold-temperature work sites. This 5,000-watt forced fan heater is compatible with 480V three phase and features an airflow rate of 580 CFM (24' air throw).

The EPH-FH-T3B-5KW-480.3P is suitable for maintaining adequate temperatures in Class I, Divisions 1 & 2 and Class II, Divisions 1 & 2 work sites. This 5,000-watt

fan forced heater operates on 480V three phase with 24V control voltage. The 6.7-amp rated unit supports an airflow rate of 580 CFM, capable of throwing air as far as 24 feet. This T3A temperature-rated fan features guard shields to protect internal, moving parts.

This hazardous location fan forced heater is constructed of 14 gauge steel and aluminum with stainless steel/aluminum pressure relief valves. The unit is rated for 6,000 cycles of service. Versatile louvers allow operators to control the direction of air leaving the fan in real-time. For protection from freeze damage (up to -45° C), the unit utilizes a Ethylene Glycol to water mixture as a heat transfer fluid inside the heater core.

Mounting: The recommended mounting height for this hazardous location unit is 8 feet.

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

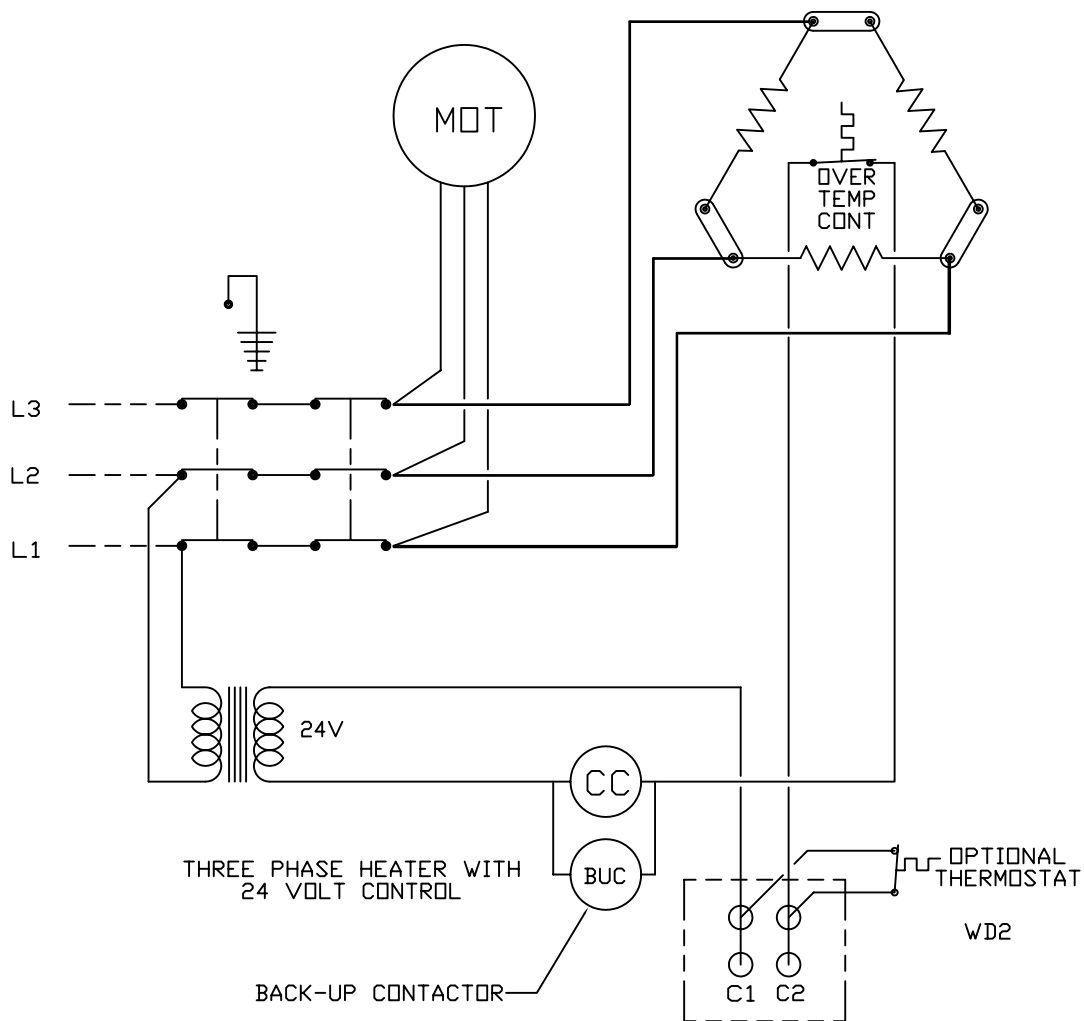
At Larson Electronics, we do more than meet your lighting needs. We also provide replacement, retrofit, and upgrade parts as well as industrial grade power accessories. Our craftsmen can custom build any lighting system and/or accessories to fit the unique demands of your operation. A commitment to honesty, 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.

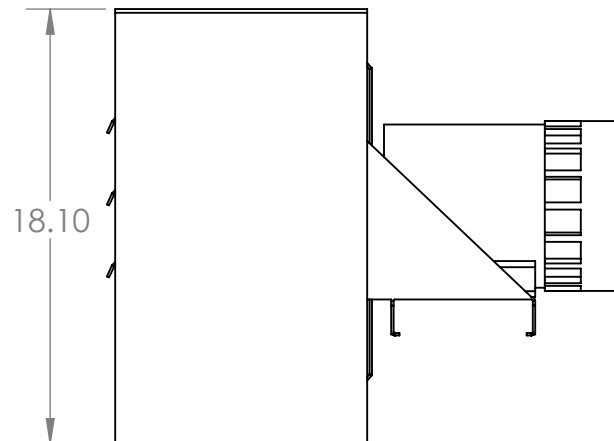
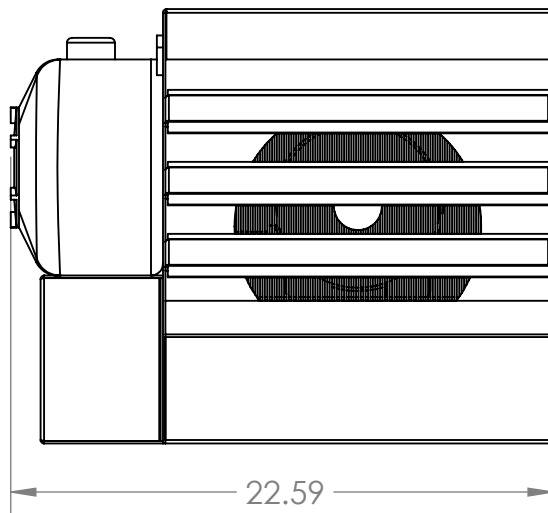
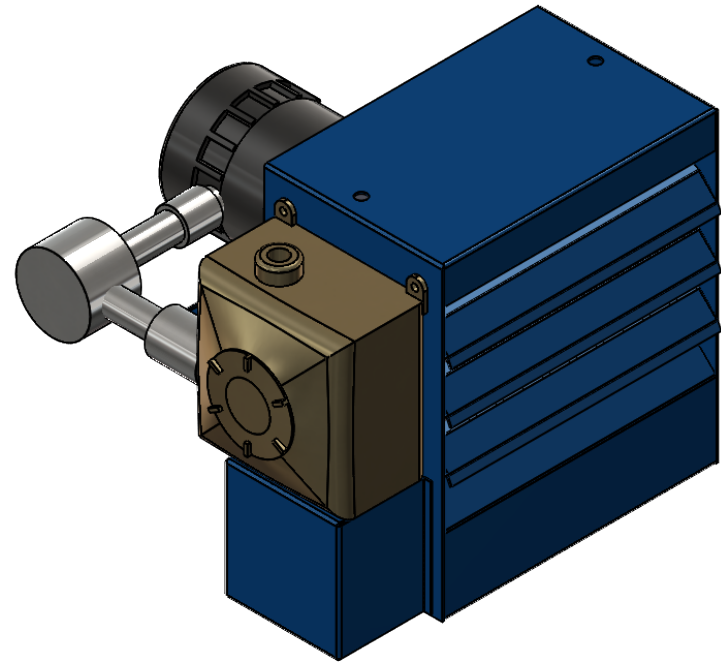
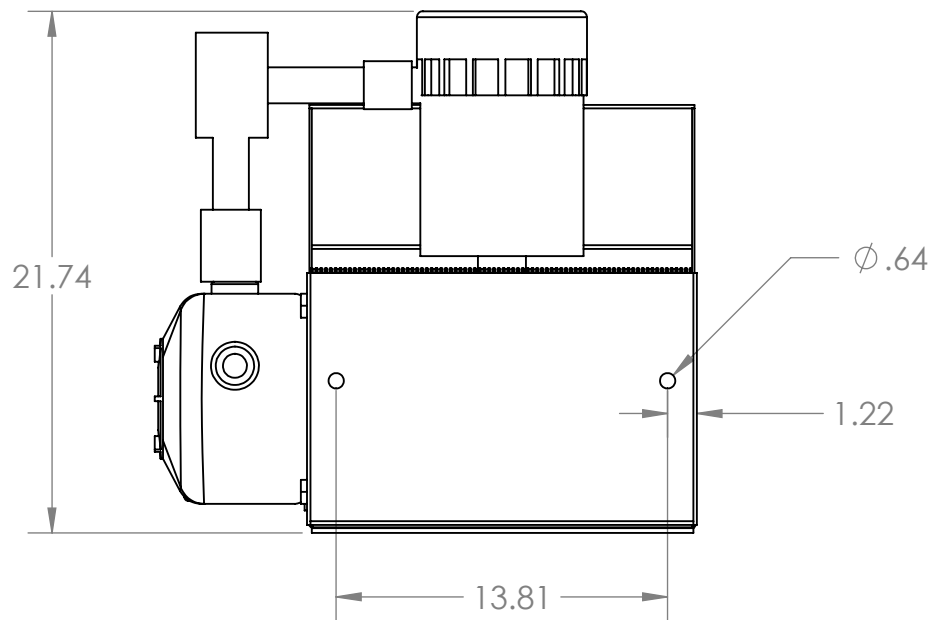
Wiring Diagram

WARNING: DO NOT SERVICE WHILE ENERGIZED!

EPH-FH-T3B-5KW-480.3P

Supply Voltage: Nominal 480V 3-Phase





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PART NUMBER:

EPH-FH-T3B-5KW

SIZE
A

REV
 1

DIMENSIONS ARE IN INCHES

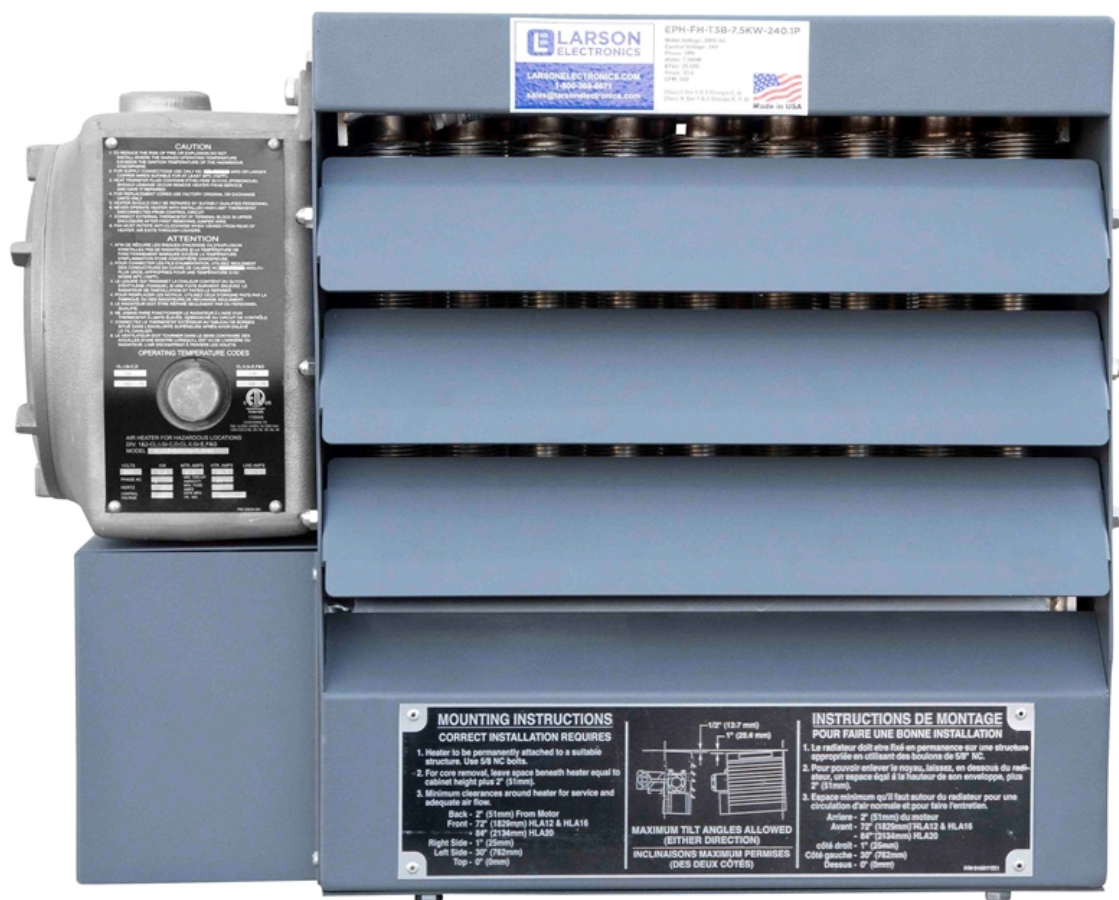
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DATE

3/26/2019

SCALE: NTS

SHEET 1 OF 1





LARSON
ELECTRONICS
QTH-FH-12B-15KW-140 IP
12000 BTU/Hr
15 KW
140 IP
Made in USA

MOUNTING INSTRUCTIONS
CORRECT INSTALLATION REQUIRED

1. Mount in the previously indicated to a suitable structure. Use 5/8" x 1/2" bolts.
2. For best results, mounting should be made to a wall or ceiling not higher than 2' (610mm).
3. Mounting should be made for service and inspection of the fan.

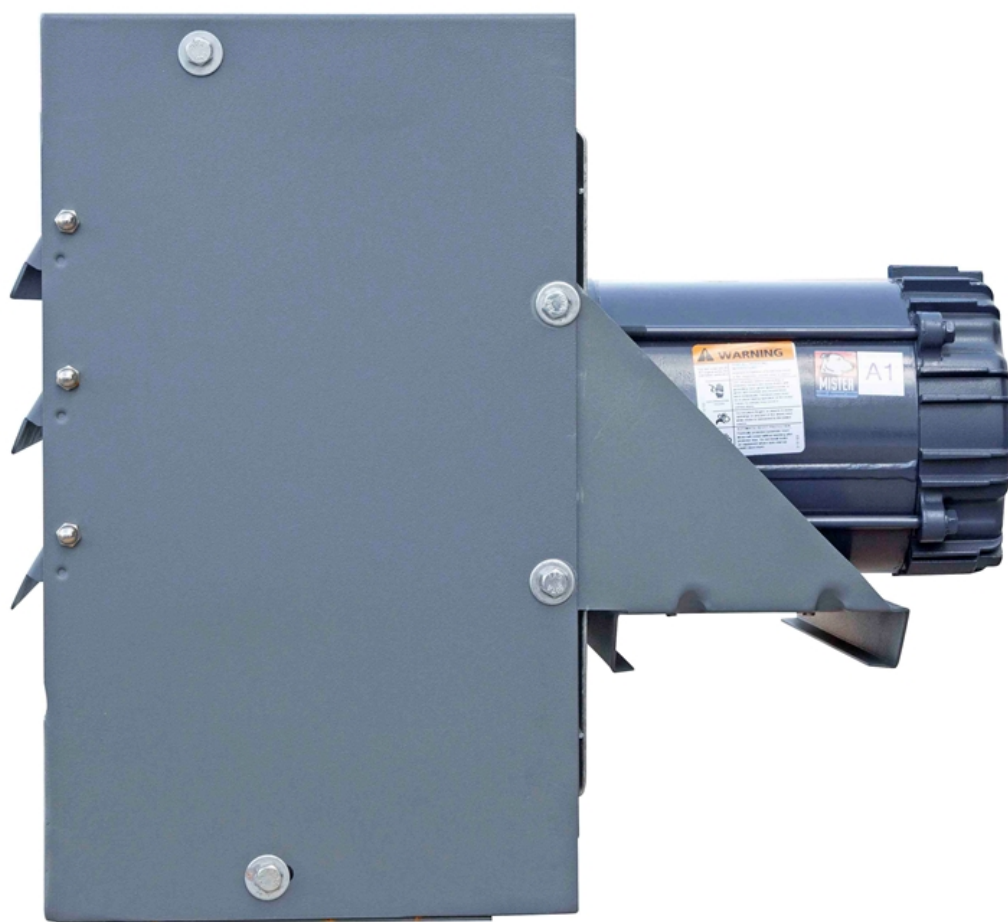
Back - 2" (51mm) From Wall
Front - 2" (51mm) From Wall
Right Side - 2" (51mm) From Wall
Left Side - 2" (51mm) From Wall

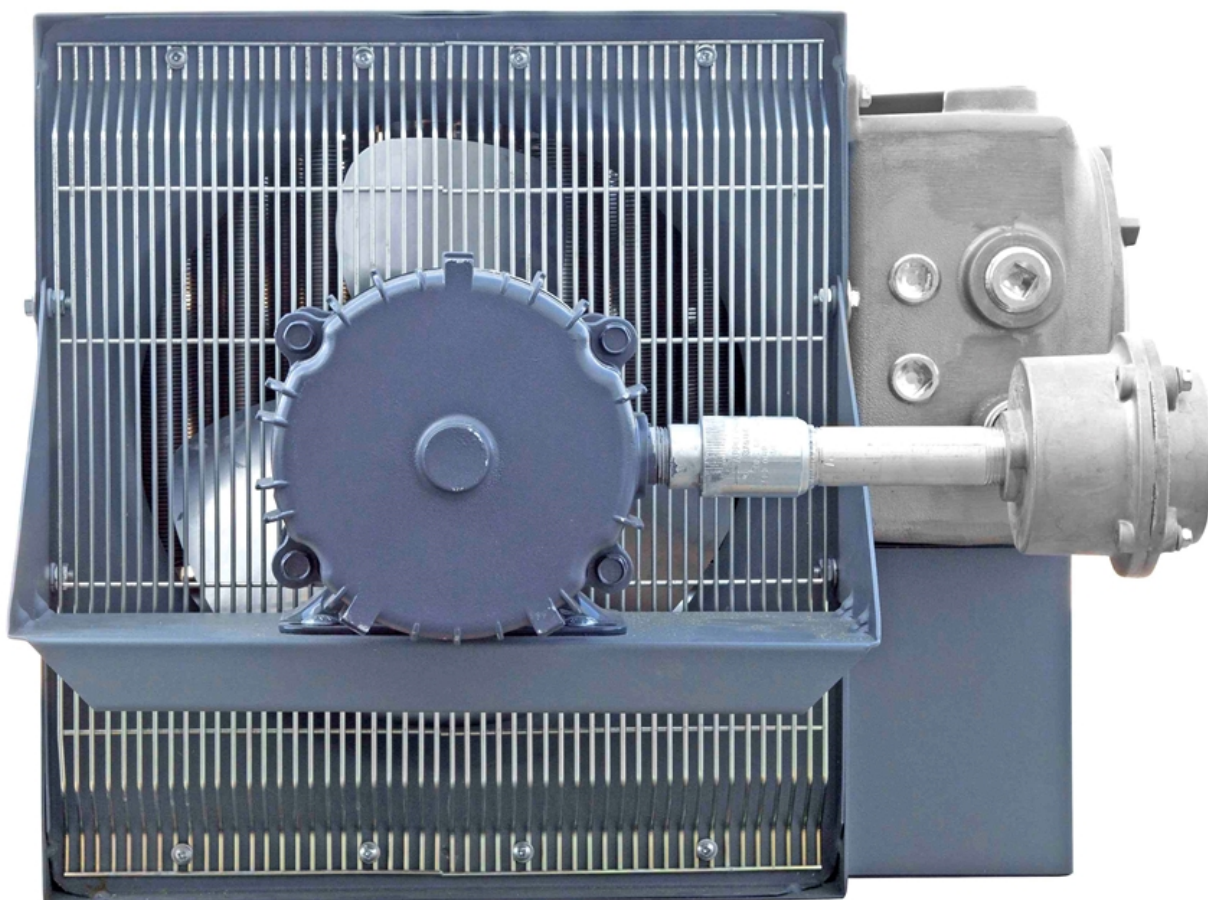
MAXIMUM TILT ANGLES ALLOWED
BOTH DIRECTIONS
INCLINAISON MAXIMUM PERMISEE
(DES DEUX COTES)

INSTRUCTIONS DE MONTAGE
POUR FAIRE UNE BONNE INSTALLATION

1. Le radiateur doit être fixé sur une structure adéquate en utilisant des boulons de 5/8" x 1/2".
2. Pour obtenir les meilleurs résultats, le radiateur doit être installé à une hauteur maximale de 2' (610mm).
3. Le radiateur doit être installé de manière à permettre l'accès et l'entretien du ventilateur.

Arrière - 2" (51mm) du mur
Avant - 2" (51mm) du mur
Côté droit - 2" (51mm) du mur
Côté gauche - 2" (51mm) du mur





Frequently Asked Questions (FAQ)