

ATEX-EPH-VH-295K-160F-200V.3P.50HZ

**Explosion Proof Hydronic Heater - 200V 50Hz, 3-phase - 8020 CFM/294,480 BTU, Vertical -
ATEX/IEC Ex Rated**

Product ID: 271845

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.

ATEX-EPH-VH-295K-160F-200V.3P.50HZ Explosion Proof Hydronics Heater

Listing: NRTL Listed for International, EU

Dimensions: 17 1/4" x 42" x 42"

Fan Propeller Dimensions: 24"

Weight: -

Voltage: 200V AC, 50 Hz

Phase: 3-phase

Watts: -

Motor: 1/4 HP, Fully Enclosed Explosion Proof

RPM: -

CFM: 8,020 CFM

Max Sound Level @ 5' (Fan): -

Air Flow Direction: Vertical

Heating Method: Steam, Water

Output @ 2 PSI Steam: 496,000 BtuH

Output @ 160°F Water: 294,480 BTU

Coil Type: Rectangular

Flow Rate: 37.93 GPM

Heating Capacity: 496,000 BtuH

Heating Element Diameter: 5/8"

Maximum Operating Pressure: 75 PSI

FLA: 2.33

Maximum Operating Water Temperature: 320°F

Ratings/Features

IEC Ex Zone 1, Groups IIA and IIB, T4

IEC Ex Zone 2, Groups IIA and IIB, T4

No Fan Guard

29' Recommended Mounting Height

Materials: Non-sparking, Metal
Number of Louvers: -
Mount: Ceiling
Hub Size: 2 1/2"
Hub Type: Threaded Male
Color: Gray

Special Orders - Special Requirements

Contact us for special requirements

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The Larson Electronics ATEX-EPH-VH-295K-160F-200V.3P.50HZ Explosion Proof Hydronic Heater is a durable heating solution for ATEX/IEC Ex rated locations and cold-temperature work sites. This heater is compatible with three-phase 200V AC, 50 Hz and features a fan air flow rate of 8,020 CFM. Designed with vertical air flow, the hydronic heater can be mounted on ceilings during installation (recommended mounting height is 29`).

The ATEX-EPH-VH-295K-160F-200V.3P.50HZ actively heats facilities and ATEX/IEC Ex rated indoor sites. Powered by a 1/4 HP fully enclosed explosion proof fan, the heater features a rectangular coil and has a 496,000 BtuH heating capacity with a flow rate of 37.93 GPM. This 8,020 CFM unit offers vertical air flow and does not contain a fan guard. The hydronics heater has a maximum operating pressure of 75 PSI and a maximum operating water temperature of 320°F.

The industrial unit is made out of non-sparking and metallic materials. The 8,020 CFM fan is equipped with a 24" non-sparking propeller. Designed for combustible sites, this heater utilizes steam and water to generate heat. Hot water is used to control the temperature for efficient heating.

Voltage: This explosion proof hydronics heater operates on three-phase 200V AC, 50 Hz power.

Hubs: The ATEX-EPH-VH-295K-160F-200V.3P.50HZ contains a 2 1/2" threaded, male hub.

Mounting: The flameproof heater is compatible with ceiling mount installations. For best results, the unit should be mounted at a height of 29 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.

Frequently Asked Questions (FAQ)



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Export Control Classification Number (ECCN): EAR99

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