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EPF-24-IBM

24" Electric Explosion Proof Fan - 8723 CFM - 24 Inch - C1D1, C2D1 - I-beam Clamp Mount

Product ID: 338569



Image: EPF-24-IBM

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-24-IBM Explosion Proof Fan/Blower
Dimensions: 24"-Dia x 15-D
Weight: 61 lbs.
Motor: 0.25 Horsepower
Voltage: 115/230V AC
Ambient Temperature: 40°C (104°F)
Ambient Temperature Rating: 10°C to +65°C
Motor Insulation: Class B
Sound Level: 75db @ 3ft
Start-up Amps: 9.8A @ 115V - 4.9A @ 230V
Fan Type: Circular Fan
CFM Delivery: 7,980
Wiring: 3/4" Hub
Mounting: Adjustable Beam Clamp Mount

Ratings/Approvals:
Class I, Divisions 1 & 2, Groups C, D
Class II, Divisions 1 & 2, Groups E, F, G
T3B Temp Rating

Special Orders - Special Requirements
Contact us for special requirements
Toll Free: 1-800-369-6671
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E-mail: sales@larsonelectronics.com

Made in the USA

The Larson Electronics EPF-24-IBM Explosion Proof Circular Fan redirects and circulates air within hazardous locations. This explosion proof fan meets UL standards for hazardous areas and provides a high 7,980 CFM output for effective airflow in larger spaces. A sturdy I-beam clamp mount allows operators to install the unit on compatible supporting structures without drilling holes into the foundational surface.

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

The EPF-24-IBM is suitable for confined spaces and is approved for use within Class I, Divisions 1 & 2 and Class II, Divisions 1 & 2 hazardous locations. This fan features a high efficiency 1/4 HP motor which is fully encapsulated and a precision balanced, non sparking aluminum blade assembly for high output and protection against accidental ignitions. This fan has 24" propeller diameter and produces over 7,980 CFM of air output for excellent circulation of air in large areas. The EPF-24-IBM has an ambient temperature rating of 10° to 65°C.

This fan is rated for single phase 115/230V 60Hz or 220V 50 Hz and operates at 1,725 RPM. A cast aluminum junction box houses the fan motor and allows for electrical connections to the fan.

Click Photo to Enlarge

Click Photo to Enlarge

Mounting: A custom designed I-beam mounting bracket allows for easy attachment of the fan to any I-beams (up to 12") commonly found in construction sites and civil engineering projects. The component's ability to resist bending ensures stable cooling performance in rough environments. During installation, the mounting bracket slides over the beam's horizontal flanges. After securing the preferred position on the I-beam, the operator can then tighten the position of the fan to the beam using the two adjustable handles. It is important to tighten both handles evenly and securely to prevent shaking or uneven positioning. Operators may reposition the fan on the beam by loosening the handles, moving the unit to the desired location and tightening the handles.

Note: *This mounting system comes in the following I-beam size options: 2", 3", 4", 5", 6", 7", 8", 9", 10" and 12". The orientation of the mounting component may also be customized to accomodate vertical or horizontal positioning (please select the preferred I-beam size and orientation below).*

Suggested Applications: Hazardous locations, agricultural sites, chemical processing, industrial facilities, construction sites, public areas, manufacturing plants, repair shops, indoor/outdoor cooling, airports 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.

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Frequently Asked Questions (FAQ)

There are no Faqs