Larson Electronics LLC
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Product ID: 146381

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



Image:

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-RSPF-18-0.25HP-100 Explosion Proof Rollback Direct Drive Fan
Type: Direct Drive Fan
Propeller Dimensions: 18" Diameter
Propeller Material: Non-Sparking Cast Aluminum
Weight: 87 lbs
Voltage: 115 or 230V AC
Motor: 1/4 HP Fully Enclosed Explosion Proof
Rotations Per Minutes (RPM): 1725
Peak CFM: 3450
Decibels @ 10`: 74
Mounting: Rollback Stand
Wiring: 100` 16/3 SOOW Cable
Cord Cap: 5-15P, 5-20P, 6-20P - Explosion Proof

Ratings/Features:
Class I, Division 1 & 2, Group D
Class II, Division 1 & 2, Groups F & G
Non-Sparking Propeller
Up To 3450 CFM Air Movement
Rated for Hazardous Environments
Made in the USA

Special Orders- Requirements
Contact us for special requirements

Toll Free: 1-800-369-6671
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Made in the USA

The EPF-RSPF-18-0.25HP-100 from Larson Electronics is a high pressure, high volume explosion proof ventilation fan that operates on 115 or 230V AC. This high volume explosion proof direct drive fan features an 18" diameter non-sparking cast aluminum blade that moves air at a rate of up to 3450 cubic feet per minute (CFM) for superior ventilation and air movement. The EPF-RSPF-18-0.25HP-100 is powered by a fully enclosed and explosion proof 1/4 horsepower motor and features a rollback stand and handle for ease of

transportation and workspace maneuverability.

The EPF-RSPF-18-0.25HP-100 explosion proof direct drive fan is rated for Class I Group D and Class II Groups F & G hazardous environments. The 18" diameter propeller on this explosion proof direct drive fan is constructed from cast aluminum to resist sparking further increasing the safety of the hazardous environment in which the fan is being utilized. This single phase explosion proof direct drive fan has a 1/4 horsepower fully enclosed motor that can spin the propeller at a rate of 1725 RPM.

Voltage: The EPF-RSPF-18-0.25HP-100 explosion proof ventilation fan operates on 115/230V AC.

Wiring: The EPF-RSPF-18-0.25HP-100 comes equipped with 100` of 16/3 SOOW cable that is terminated in an explosion proof plug, available in 5-15P, 5-20P, or 6-20P.

Stand/Mounting: The EPF-RSPF-18-0.25HP-100 explosion proof direct drive fan comes with a durable rollback stand that includes two wheels and a handle for easy transportation and movement around the workspace. The drum has front and rear propeller guards that meet OHSA standards. The EPF-RSPF-18-0.25HP-100 can be either portable or stationary mounted.

Applications: Class I Group D and Class II Groups F & G hazardous areas that require ventilation including but not limited to the following: clean rooms, marijuana extraction rooms, laboratory hoods, oil refineries, grain mills, chemical plants, welding shops, chemical storage areas and battery changing areas.

Click Photos to Enlarge



5-15 Straight Blade Plug



5-20 Straight Blade Plug



6-20 Straight Blade Plug

Wiring & Plug: This explosion proof flood light is equipped with 100 foot of 16/3 chemical and abrasion resistant SOOW cord that is 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, a 5-20 20 amp straight blade plug for use with 120V explosion proof outlets, or a 6-20 20 amp straight blade plug for use with 220-240V explosion proof outlets. ***PLEASE NOTE** voltage ratings on plugs and outlets are MAXIMUM voltage. For low voltage applications, proper voltage must be applied to the outlet or damage to the light fixture will occur.*

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.

Made in USA Quality

1. Fully enclosed explosion proof 1/4 HP motor.
2. Non-sparking cast aluminum 18" diameter propeller.
3. Class I Group D and Class II Groups F & G rated.
4. Multi-voltage capable.
5. Moves up to 3450 cubic feet of air per minute.
6. Fully assembled and ready to install.
7. Rollback stand with wheels and handle for ease of movement.
8. 100` of 16/3 SOOW Cable.
9. Explosion proof plug options 5-15P, 5-20P, or 6-20P

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Frequently Asked Questions (FAQ)

There are no Faqs

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Product ID: 146381

Export Control Classification Number (ECCN): EAR99

Options:

-Cord Cap
Example: -1523

Cord Cap	
5-15P	-1523
5-20P	-2023-125V
6-20P	-2023-250V

Links (Click on the below items to view):

- **SpecSheetRussian**(https://www.larsonelectronics.com//images/product/SpecSheetRussian/146381.PDF)
- **SpecSheetSpanish**(https://www.larsonelectronics.com//images/product/SpecSheetSpanish/146381.PDF)
- **HigResPic1**(https://www.larsonelectronics.com//images/product/HigResPic1/146381.JPG)
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