Larson Electronics LLC
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Phone: 800.369.6671

www.LarsonElectronics.com
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Product ID: 146326

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-HSPF-18-0.25HP-100 - 18" Explosion Proof High Velocity Fan - 3450 CFM
Type: Explosion Proof Industrial Fan
Propeller Dimensions: 18" Diameter
Propeller Material: Non-Sparking Cast Aluminum
Weight: 228 lbs
Voltage: 115/230V 60 Hz
Motor: 1/4 HP Fully Enclosed Explosion Proof
Rotations Per Minute (RPM): 1,725
Peak CFM: 3,450
Decibels @ 10`: 74
Mounting: Portable or Stationary Mount
Wiring: 100` 16/3 SOOW Cable
Cord Cap: 5-15P, 5-20P, 6-20P - Explosion Proof

Quick Summary
Class I, Divisions 1 & 2, Group D
Class II, Divisions 1 & 2, Group F & G

Special Orders - Special Requirements
Contact us for special requirements
Toll Free: 1-800-369-6671
Intl: 1-903-270-1187
Fax: 1-903-765-7664
E-mail: sales@larsonelectronics.com

Made in the USA

The Larson Electronics explosion proof fan is a high pressure, high volume unit that can be used to support active ventilation in hazardous work locations. This robust industrial fan is capable of circulating air at a rate of 3,450 cubic feet per minute (CFM). When it comes to explosion proof ratings, the machine may be used in facilities that handle Class I, Group D combustible substances, such as acetone, butane, gasoline and methanol; as well as Class II, Group F & G ignitable compounds, including coal, charcoal, flour, grain and wood.

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

Features: This hazardous area unit features a non-sparking cast aluminum propeller with an 18-inch diameter. It offers compatability with 115/230V 60 Hz voltages. Under the hood, the machine is powered by a 1/4 HP, fully enclosed explosion proof motor. This allows the blade to rotate up to 1,725 times per minute (RPM) at a rate of 3,450 CFM. During operation, the unit emits 74 decibels from a distance of 10 feet, which is equivalent to the sound of busy city traffic.

Click Photos to Enlarge



5-15 Straight Blade Plug



5-20 Straight Blade Plug



6-20 Straight Blade Plug

The single phase explosion proof fan supports the following cord cap options: 5-15P, 5-20P and 6-20P. This unit weighs approximately 228 pounds and is compatible with portable and stationary mounting preferences. The high stand model features a 360-degree tilt, which offers superior flexibility during setup. This fan comes with a 100-foot 16/3 SOOW cable, making it suitable for use in demanding indoor and outdoor industrial environments due to its resistance to oil, abrasion and moisture.

Applications: Class I, Group D and Class II, Group 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.

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 3,450 cubic feet of air per minute.
6. Fully assembled and ready to install.
7. Non-tipping heavy base constructed of welded steel.

8. 100` of 16/3 SOOW Cable.
9. 360° Tilt.
10. 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: 146326

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):

- **Canadian CEC Certificate (Commonly referred to as CSA Certificate)**(https://www.larsonelectronics.com//images/product/CECCert/146326.PDF)
- **CE Certificate**(https://www.larsonelectronics.com//images/product/CECert/146326.PDF)
- **Certificate 1, Misc**(https://www.larsonelectronics.com//images/product/Cert1/146326.PDF)
- **Certificate 2, Misc**(https://www.larsonelectronics.com//images/product/Cert2/146326.PDF)
- **Certificate 3, Misc**(https://www.larsonelectronics.com//images/product/Cert3/146326.PDF)
- **MSDS (Material Safety Data Sheet**(https://www.larsonelectronics.com//images/product/Msds/146326.PDF)
- **RoHS Certificate (Restriction of Hazardous Substances)**(https://www.larsonelectronics.com//images/product/RoHSCert/146326.PDF)
- **SpecSheetRussian**(https://www.larsonelectronics.com//images/product/SpecSheetRussian/146326.PDF)
- **SpecSheetSpanish**(https://www.larsonelectronics.com//images/product/SpecSheetSpanish/146326.PDF)
- **USA NEC Certificate (Commonly referred to as UL Certificate)**(https://www.larsonelectronics.com//images/product/NECCert/146326.PDF)
- **HigResPic1**(https://www.larsonelectronics.com//images/product/HigResPic1/146326.JPG)
- **ISO 9001 Certification**(http://larsonelectronics.com/images/pdfdocs/ISO9001.PDF)
- **Business Certificate**(https://www.larsonelectronics.com/images/pdfdocs/w9.PDF)
- **Shipping Time Map**(https://www.larsonelectronics.com/images/product/ShippingTimeMap/ShippingTimeMap.pdf)