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EPF-VFP-12-120V-NFK-15C-16.3-EPP

3/4 HP Explosion Proof Portable Ventilation Exhaust Fan - C1D1/C2D1 - 120V - 2500 CFM - 15' Cord w/ EXP Cord Cap

Product ID: 238757

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.

EPF-VFP-12-120V-NFK-15C-16.3-EPP Explosion Proof Exhaust Fan
NRTL Listed for United States, Canada
Unit Type: Portable Explosion Proof Ventilation Exhaust Fan
Dimensions: 17.13" x 16.93" x 25.36"
Weight: 36 lbs
Voltage: 120V AC
Startup Amps: 8.6A
Motor: 3/4 HP
RPM: 3600 RPM
CFM: 2500 CFM
Power Factor: 0.76
Noise: 71 dB
Switch: On/off, External
Inlet: 12" (Duct Not Included)
Operating Temperature Range: -
Temperature Rating: T3B
Materials: Non-sparking/Non-metallic (Fan Blades), Steel (Body)
Mount: Portable w/ Carrying Handle, Rubber Feet
Cord: 15' 16/3 SOOW Cord w/ EXP Cord Cap
Cord Cap Options: 5-15P or 5-20P
Color: Safety Orange

Ratings
Class I, Divisions 1 & 2 Groups C,D
Class II, Divisions 1 & 2 Groups E,F,G
IP54
Weatherproof Fan
T3B Temp Rating
External Grounding Lug
Duct Not Included

Special Orders - Special Requirements
Contact us for special requirements

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The Larson Electronics EPF-VFP-12-120V-NFK-15C-16.3-EPP Explosion Proof Portable Ventilation Exhaust Fan is a superior solution for improving air flow in combustible environments, hazardous locations and confined spaces. This weatherproof, exhaust-only fan is compatible with 120V AC. Non-sparking, non-metallic blades actively prevent the generation of sparks in the area. As a portable unit, the IP54 rated explosion proof ventilation fan features a carrying handle and rubber feet. This T3B rated unit comes with 15` of 16/3 SOOW cord with an explosion proof cord cap.

The EPF-VFP-12-120V-NFK-15C-16.3-EPP ensures effective extraction of explosive gases, vapors, hazardous fumes, dust, fibers or flyings in combustible environments. Designed for maximum portability, the unit operates on 120V AC and draws 8.6 amps at startup. The explosion proof ventilation exhaust fan offers 3600 RPM, via a 3/4 HP motor. Capable of providing 2500 CFM of air flow, the weatherproof device contains a 12" inlet for connecting 12" ducts (duct not included). Operators may access an external on/off switch and an external grounding lug for grounding ducting components to the high-performance fan. This exhaust-only fan is equipped with non-metallic, non-sparking blades to deter the creation of sparks. Protected by a steel body, the IP54 rated weatherproof unit is painted safety orange to ensure visibility. This unit takes on a T3B temperature rating and is recommended for use in Class I, Divisions 1 & 2 and Class II, Divisions 1 & 2 rated facilities.

Click Photos to Enlarge



5-15 Straight Blade Plug



5-20 Straight Blade Plug

Wiring & Plug: This explosion proof exhaust fan is equipped with 15 feet of 16/3 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 or a 5-20, 20-amp straight blade plug for use with 120V 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 fan will occur.*

Mount: The EPF-VFP-12-120V-NFK-15C-16.3-EPP is equipped with several portable features for seamless mobility around hazardous work sites. A top-located handle enables operators to carry the fan from one location to another. Rubber feet at the bottom of the unit helps prevent contact with debris and water on the ground, as well as reduces vibration during operation. This feature also facilitates stable use on uneven surfaces.

Applications: Hazardous locations, confined spaces, factories, basements, shipyards, farms, grain storage, chemical, pharmaceutical, tobacco, tunnel, automobile manufacturing, auto repair factory, logistics, kiln, tile factory, steel factory, mining, plastic machinery, paper mills and other facilities requiring ventilation.

At Larson Electronics, we do more than meet your lighting needs. We also provide replacement, retrofit, and upgrade parts as well as industrial grade fans and power distribution systems. 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)


LARSON
ELECTRONICS




Duct not included


Duct, elbow, and saddle not included

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Product ID: 238757

Export Control Classification Number (ECCN): EAR99

Options:

EPF-VFP-12-120V-NFK-15C-16.3-EPP-Cord Cap

Example: EPF-VFP-12-120V-NFK-15C-16.3-EPP-1523

Cord Cap	
5-15	-1523
5-20	-2023-125V

Links (Click on the below items to view):

- **Canadian CEC Certificate (Commonly referred to as CSA Certificate)**
- **CE Certificate**
- **Certificate 1, Misc**
- **Certificate 2, Misc**
- **Certificate 3, Misc**
- **MSDS (Material Safety Data Sheet**
- **Operations Manual**
- **RoHS Certificate (Restriction of Hazardous Substances)**
- **USA NEC Certificate (Commonly referred to as UL Certificate)**
- **Wiring Diagram (Oneline)**
- **HigResPic1**
- **HigResPic2**
- **HigResPic3**
- **HigResPic4**
- **HigResPic5**
- **Video1**
- **ISO 9001 Certification**
- **Business Certificate**
- **Shipping Time Map**