Larson Electronics LLC
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Product ID: 145924

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.

GPF-1422 Fan/Blower
Overall Length: 16.31"
Base Diameter: 7.38"
Diameter of Horn: 6.19"
NPT: 1/2"
Bolt Circle: 6.75"
Base Slot: 0.31"
Fan Type: Venturi Design Fan/Blower
CFM Rating : 935 @ 50 PSIG, 1274 @ 70 PSIG, 1422 @ 90 PSIG
Power: Compressed Air- 64 CFM at 90 PSI
Materials: Galvanized Steel / Aluminum

Features:
Durable Construction
Utilizes the Venturi Effect
Reduced Maintenance Requirements
Increased System Reliability

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 GPF-1422 General Purpose Ventilation Fan is designed for removing hazardous fumes from underground storage tanks and is powered by compressed air. This venturi style blower has no moving parts and is suitable for use in high heat locations.

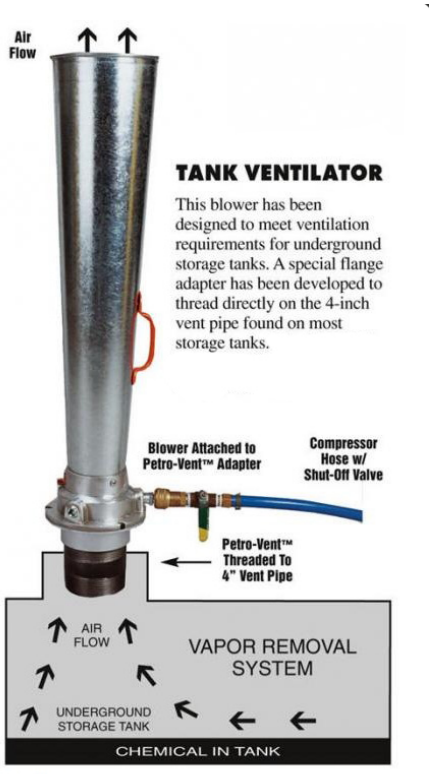
This general purpose ventilation fan is designed with removing hazardous fumes and vapors from standard storage tanks and will accept a Petro-Vent™ adapter which allows it to thread

directly onto the vent pipe on most common storage tanks. This ventilation fan is powered by compressed air and requires a compressor capable of providing 1,422 CFM of total air flow at 90 PSI and 64 CFM at 90 PSI of air consumed. This blower/fan has a cast aluminum base and galvanized steel horn for light weight and durability.

The GPF-1422 utilizes the Venturi effect to create suction. The Venturi effect is the reduction in fluid pressure that results when a fluid flows through a constricted section of pipe. In the case of the GPF-1422, the fluid in question is the air moving through the system. Essentially, the Venturi effect uses scientific principles to create suction in a vertical shaft with compressed air or steam entering the shaft above the suction point. The use of this effect creates a fan/blower system that can be used in high heat locations and doesn`t require any moving parts in the exhaust air stream. This creates a system that requires less maintenance and has a higher reliability than other systems due to having fewer moving parts.

Features

- Used to ventilate hazardous vapors or fumes safely
- Operates on compressed air or steam
- No moving parts
- Static grounding lug is standard
- Lightweight cast aluminum base
- Galvanized steel horn (replaceable)
- Steel Handle
- Use in high heat locations



Click Photo to Enlarge

The GPF-1422 general purpose ventilation fan weighs only 5.3 lbs and has CFM ratings of 935 @ 50 PSIG, 1274 @ 70 PSIG, and 1422 @ 90 PSIG. A steel handle provides convenient carrying and the aluminum base accepts standard adapters for compressed air lines.

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

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Product ID: 145924

Export Control Classification Number (ECCN): EAR99

Links (Click on the below items to view):

- **Operations Manual**(https://www.larsonelectronics.com//images/product/Manual/145924.PDF)
- **HigResPic1**(https://www.larsonelectronics.com//images/product/HigResPic1/145924.JPG)
- **HigResPic2**(https://www.larsonelectronics.com//images/product/HigResPic2/145924.JPG)
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