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VEVOR Utility Blower Fan

VEVOR 12-Inch Utility Blower Fan with 16 ft Duct Hose Instruction Manual

Model: Utility Blower Fan

Introduction Safety Contents Setup Operation Maintenance Troubleshooting Specifications Warranty & Support

1. Product Overview

This VEVOR 12-inch portable industrial high-velocity blower fan with a 5-meter (16 ft) duct hose is designed for efficient ventilation and exhaust in various environments. It features a 100% copper winding motor, high-volume output, and low noise operation, making it suitable for improving air quality in demanding spaces.

Key Features

- **Diameter of the fan:** 12 inches
- **Speed (rpm):** 3300r/min; **Air flow:** 65m³/min (2295CFM)
- Industrial ventilator blower fan is made of 100% copper winding motor for durability and performance.
- Portable High Velocity Floor Fan with high-velocity, high-volume output.
- Widely applicable in factories, basements, grain storage, tunnels, shipyards, warehouses, and similar environments requiring ventilation and exhaust.



Image: The VEVOR utility blower fan shown in various application settings such as tunnels, factories, warehouses, shipyards, and basements, highlighting its versatility.

2. Important Safety Instructions

Please read and understand all safety warnings and instructions before operating this product. Failure to follow these instructions may result in electric shock, fire, or serious injury.

- Always ensure the fan is placed on a stable, level surface to prevent tipping during operation.
- Keep hands, hair, loose clothing, and other objects away from the fan blades and grilles during operation.
- Do not operate the fan with damaged cords, plugs, or if the fan itself is malfunctioning. Contact customer service for repairs.
- Ensure the power supply (voltage and frequency) matches the fan's requirements (110V / 50-60Hz) as indicated on the product label.
- The fan is equipped with a GFCI (Ground Fault Circuit Interrupter) plug for enhanced electrical safety. Test the GFCI before each use by pressing the 'Test' and then 'Reset' buttons.
- Do not use this fan in environments containing hazardous materials such as lead or asbestos dust without additional,

appropriate HEPA filtration. This unit does not include a HEPA filter.

- Keep the fan and duct hose clear of obstructions to maintain optimal airflow and prevent motor overheating.
- Unplug the fan from the power outlet before cleaning, performing maintenance, or when not in use.
- Do not immerse the fan or its electrical components in water or other liquids.



Image: A close-up view of the fan's GFCI plug, showing the 'Test' and 'Reset' buttons for ensuring electrical safety.

3. Package Contents

Verify that all items listed below are included in your package:

- 1 x 12-inch Ventilator Blower Fan
- 1 x 2-meter Electric Wire Cable
- 1 x 5-meter (16 ft) Ventilator Duct Hose
- 1 x User Manual



Image: The VEVOR 12-inch utility blower fan, its power cable, and the flexible duct hose, as they appear when unpacked.

4. Setup Guide

4.1 Unpacking

Carefully remove the blower fan and all accessories from their packaging. Place them on a clean, stable surface. Inspect all components for any signs of damage during transit.

4.2 Connecting the Duct Hose

The flexible PVC duct hose can be attached to either the intake or exhaust side of the fan, depending on whether you need to blow air into an area or extract it. To attach the hose:

1. Extend the duct hose to its desired length.
2. Align the end of the duct hose with the fan's opening (either intake or exhaust).
3. Use the adjustable ropes and D-shaped rings on the duct to secure it tightly around the fan's flange. Ensure a snug fit to prevent air leakage.
4. For applications requiring strong airflow or where the hose might be subject to movement, an additional ratchet strap (not

included) can be used to further secure the hose to the fan.



Image: The VEVOR utility blower fan with the orange and black flexible PVC duct hose securely attached, ready for operation.

▶ **Watch video online**

VEVOR Portable Blower/Exhaust Axial Hose Fan

Video: An official VEVOR demonstration showcasing the portable blower fan and its flexible hose, including how to attach the duct and its various applications.

5. Operating Instructions

5.1 Power Connection

Before operating, ensure the fan is properly connected to a power source:

1. Plug the fan's 3-prong GFCI plug into a grounded 110V AC power outlet.
2. If the GFCI has tripped (indicated by a popped-out button), press the 'Reset' button to restore power.

5.2 Turning On/Off

To operate the fan:

1. Locate the power switch on the top handle of the fan.
2. Flip the switch to the "ON" position to start the fan. The fan will immediately begin operating at its full speed.
3. To turn off the fan, flip the switch back to the "OFF" position.

5.3 Airflow Direction (Blowing vs. Exhaust)

The VEVOR Utility Blower Fan is designed for both blowing and exhausting air:

- **Blowing:** To introduce fresh air into an area, attach the duct hose to the exhaust side of the fan (where air is expelled).
- **Exhausting:** To remove stale or contaminated air from an area, attach the duct hose to the intake side of the fan (where air is drawn in).



Image: Front view of the VEVOR utility blower fan, showing the protective grille and the direction of airflow for effective ventilation.

6. Care and Maintenance

Regular maintenance ensures the longevity and optimal performance of your VEVOR Utility Blower Fan.

6.1 Cleaning

- **Always unplug the fan before cleaning.**
- Regularly inspect the fan blades and protective grilles for dust, dirt, and debris. Use a soft cloth, brush, or vacuum cleaner to remove any accumulation.
- If the duct hose is used in dusty environments, periodically check the inside for dust accumulation. Clean the interior of the hose as needed to maintain efficient airflow.
- Wipe the exterior of the fan with a damp cloth. Do not use harsh chemicals or abrasive cleaners.

6.2 Storage

- When not in use for extended periods, disconnect the duct hose from the fan.
- Store both the fan and the flexible duct hose in a clean, dry, and cool place, away from direct sunlight and extreme temperatures.
- The flexible duct hose can be compressed and folded for compact storage.

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7. Troubleshooting

If you encounter issues with your VEVOR Utility Blower Fan, refer to the following common troubleshooting steps:

- **Fan Not Turning On:**
  - Ensure the power cord is securely plugged into a functional 110V AC outlet.
  - Check the GFCI plug; if it has tripped, press the 'Reset' button.
  - Verify that the power switch on the fan is in the 'ON' position.
- **Reduced Airflow:**
  - Inspect the fan's intake and exhaust grilles for any obstructions (e.g., debris, dust buildup).
  - Examine the duct hose for kinks, tears, or internal blockages.
  - Clean any accumulated dust or debris from the fan blades and inside the duct hose.
- **Unusual Noise or Vibration:**
  - Turn off and unplug the fan. Check for loose parts or foreign objects inside the fan housing or grilles.
  - Ensure the fan is placed on a stable surface and that the rubber feet are intact.

If these steps do not resolve the issue, please contact VEVOR customer support for further assistance.

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8. Product Specifications

Specification	Value
Product Dimensions	15"L x 14"W x 16"H
Brand	VEVOR
Power Connector Type	AC power plug

Voltage	110 Volts
Wattage	520 watts
Cooling Method	Air
Noise Level	71 Decibels
Material	Alloy Steel, Plastic, Stainless Steel
Maximum Rotational Speed	2800 RPM
Air Flow Capacity	2295 Cubic Feet Per Minute
Blade Length	12 Inches
Item Weight	0.01 ounces
Item model number	Utility Blower Fan
UPC	601285868448

9. Warranty and Customer Support

For detailed warranty information, product registration, or technical assistance, please refer to the official VEVOR user manual included with your product. You can also visit the official VEVOR website or contact their customer service department directly. Contact details are typically available on the product packaging or the VEVOR brand store online.

Ask a question about this manual

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

Name

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Email

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Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question

Answered questions about this manual

My 12-inch VEVOR Utility Blower Fan (Model BT-SHT12A-U(D)5) runs for 15 minutes and then shuts off for 20 minutes. Does this fan have a thermal coupler or overload protection?

Based on the behavior you described, it is highly likely that your VEVOR 12-inch Utility Blower Fan is equipped with an internal thermal overload protector. This safety feature automatically shuts down the motor if...

Read full answer

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