

VEVOR Combo12P-5D

VEVOR Industrial Portable Air Blower Ventilator with Hose User Manual

Model: Combo12P-5D

1. INTRODUCTION

Thank you for choosing the VEVOR Industrial Portable Air Blower Ventilator with Hose. This heavy-duty unit is designed for efficient air extraction and ventilation in various industrial and commercial settings. Featuring a powerful motor and flexible ducting, it is ideal for clearing smoke, odors, dust, and fumes, ensuring a safer and more comfortable working environment. Please read this manual thoroughly before operation to ensure proper use, maintenance, and safety.

2. SAFETY INFORMATION

Always adhere to the following safety precautions to prevent injury or damage to the unit.

- **Electrical Safety:** Ensure the power source matches the unit's requirements (585W AC motor). The unit is equipped with a GFCI outlet for enhanced safety, especially in wet conditions. Do not bypass or modify the GFCI.
- **Placement:** Position the fan on a stable, level surface to prevent tipping. The non-slip rubber feet are designed to reduce vibration and ensure stability.
- **Ventilation:** Ensure adequate ventilation around the motor to prevent overheating. The unit has built-in thermal protection, but proper airflow is essential.
- **Ducting:** Securely attach the flexible ducting to prevent detachment during operation. Use additional straps if necessary, especially when using the unit as a blower.
- **Obstructions:** Keep hands, loose clothing, and foreign objects away from the fan grilles during operation. The metal grilles are designed to prevent large objects from entering the fan blades.
- **Environment:** The unit has an IP44 waterproof rating, making it suitable for outdoor and wet area use. However, avoid submerging the unit in water.
- **Maintenance:** Disconnect power before performing any maintenance or cleaning.

3. COMPONENTS

The VEVOR Industrial Portable Air Blower Ventilator with Hose includes the following main components:

- **Portable Blower Fan Unit:** The main fan body with a 585W AC motor, protective grilles, and a carry handle.
- **Flexible PVC Ducting (16.4 ft):** Collapsible hose for directing airflow, featuring adjustable rope and D-ring hooks for hanging.
- **Power Cord with GFCI Plug:** A 5.9 ft (1.8m) power cord with a 3-prong GFCI plug for safe electrical connection.
- **User Manual:** This instruction guide.



Figure 3.1: The VEVOR Industrial Portable Air Blower Ventilator with its flexible ducting.

4. SETUP

Follow these steps to set up your VEVOR Portable Air Blower Ventilator:

1. **Unpack the Unit:** Carefully remove all components from the packaging. Inspect for any shipping damage.
2. **Position the Fan:** Place the fan unit on a stable, flat surface. Ensure the non-slip rubber feet are making full contact with the ground for stability and vibration reduction.
3. **Attach the Ducting:**
 - Unfold the flexible PVC ducting.

- Locate the end of the ducting with the adjustable rope and large flat piece.
- Wrap this end around the desired fan opening (intake or exhaust side). The fan is primarily designed for extraction (sucking air out), which is indicated by the flange on one side.
- Tighten the adjustable rope to secure the ducting firmly to the fan. For blower applications, it is recommended to use an additional ratchet strap for a more secure fit to prevent the ducting from blowing off due to high airflow.

16.4FT FLEXIBLE PVC PIPE HOSES

Easy to Connect, Convenient and Practical



Figure 4.1: Flexible PVC ducting showing adjustable rope and wear-resistant material.

4. **Extend the Ducting:** Extend the ducting to the desired area for ventilation or extraction. Utilize the D-ring hooks along the ducting to hang it if needed, ensuring optimal positioning.
5. **Connect to Power:** Plug the 3-prong GFCI plug into a suitable AC power outlet. Ensure the outlet is properly grounded.

5. OPERATING INSTRUCTIONS

Operating the VEVOR Portable Air Blower Ventilator is straightforward:

1. **Power On:** Locate the power switch on the top of the fan unit, near the handle. Flip the switch to the "ON" position to start the fan.

2. **Airflow Direction:** The fan is designed to pull air from the side where the ducting is attached (intake) and exhaust it from the opposite side (output). If you wish to use it as a blower, attach the ducting to the output side and ensure it is securely fastened.
3. **Monitor Operation:** Allow the fan to operate until the desired air quality or temperature is achieved. The powerful 3198 CFM airflow ensures rapid air purification and circulation.
4. **Power Off:** When finished, flip the power switch to the "OFF" position. Unplug the unit from the power outlet.

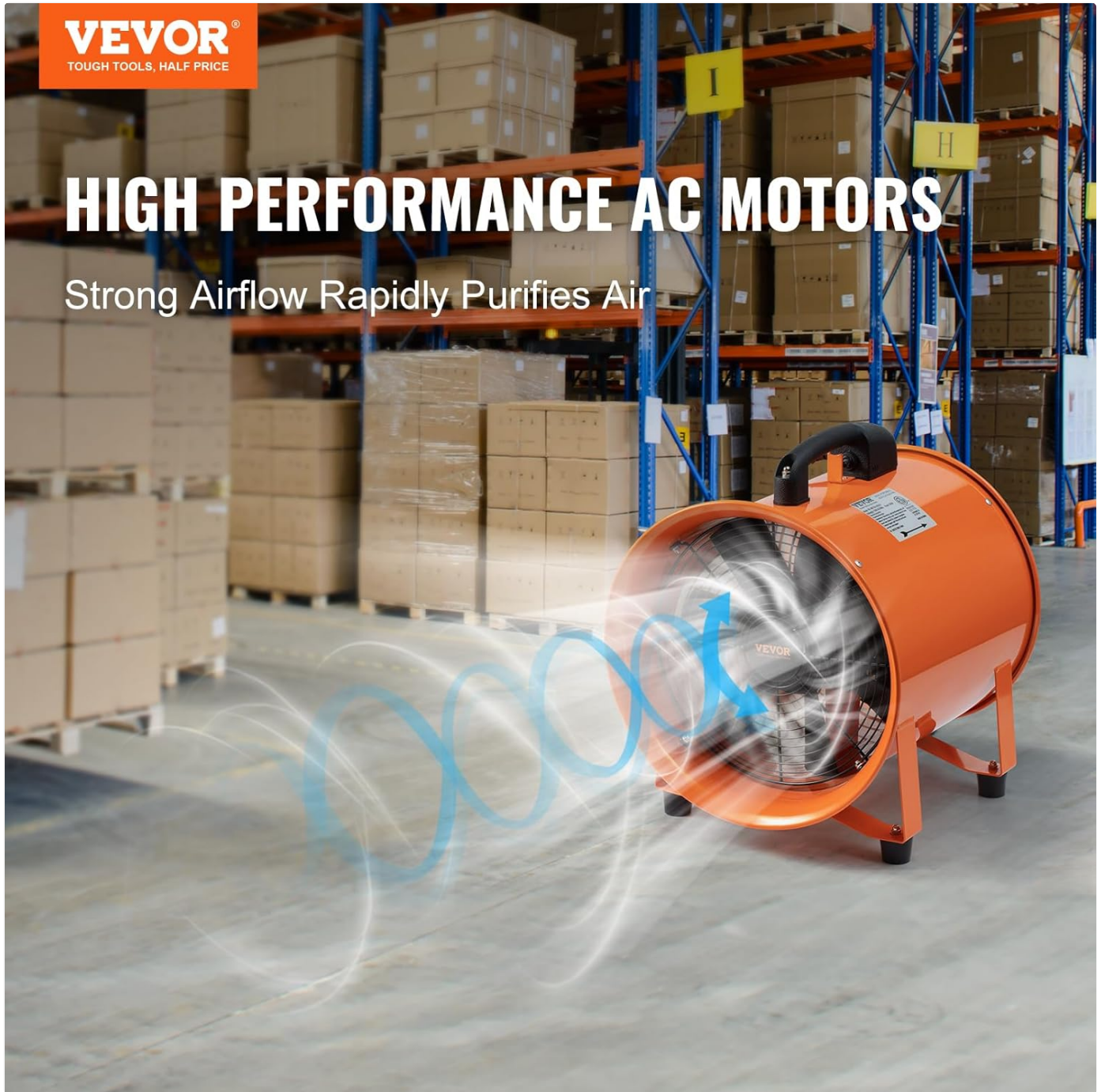


Figure 5.1: The fan in operation, demonstrating its strong airflow for air purification.

EASY TO CARRY AND USE

Easily Maintain a Refreshing Space

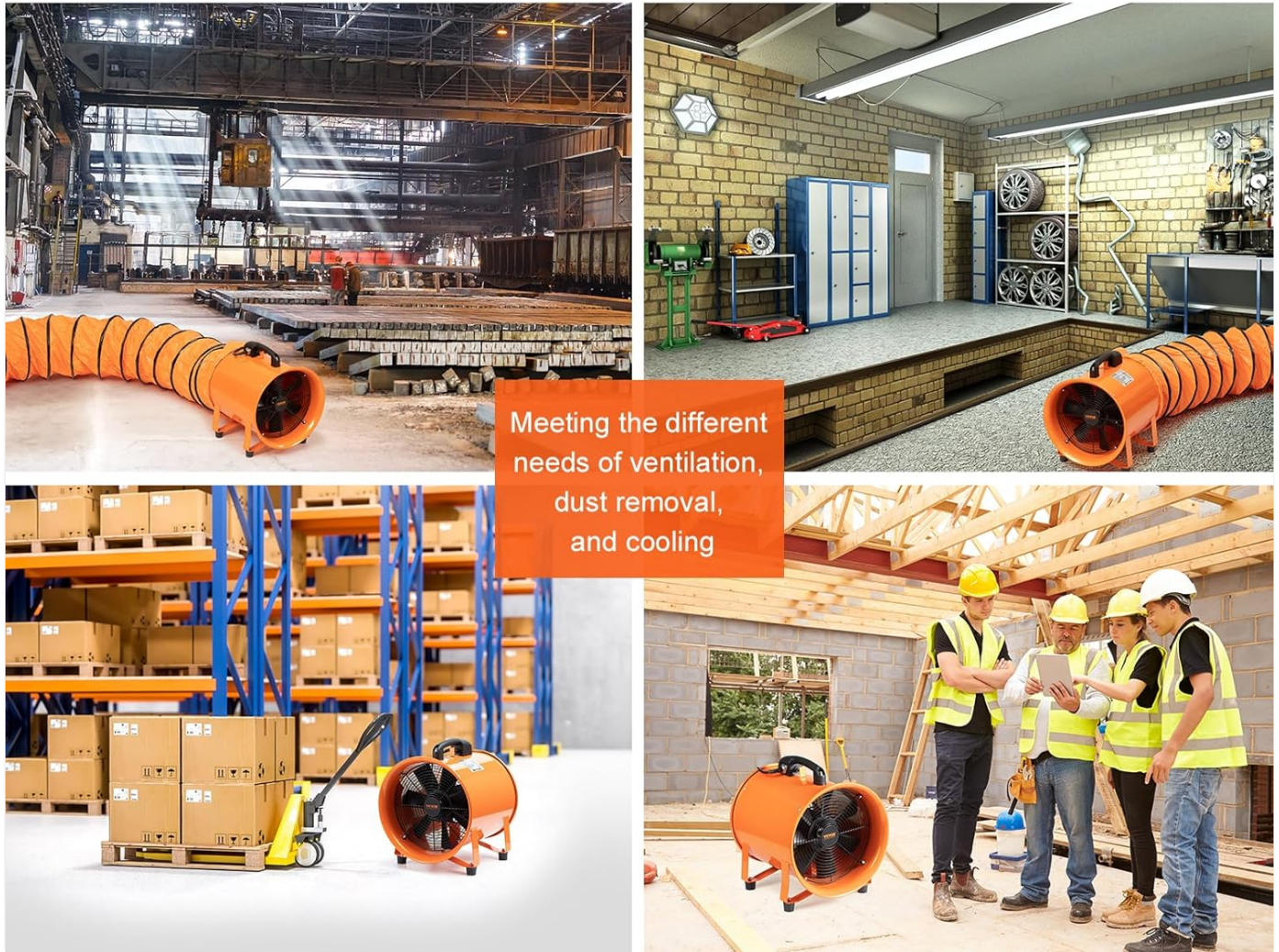


Figure 5.2: Examples of the fan's versatile applications in different work environments.

6. MAINTENANCE

Regular maintenance ensures the longevity and optimal performance of your VEVOR Air Blower Ventilator:

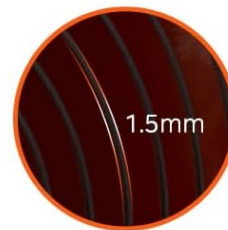
- **Cleaning:** Periodically wipe down the exterior of the fan unit with a damp cloth. Ensure the unit is unplugged before cleaning. Do not use abrasive cleaners or solvents.
- **Grille Inspection:** Check the metal grilles on both ends of the fan for any debris or obstructions. Clean as necessary to maintain optimal airflow and prevent damage to the blades.
- **Ducting Care:** Inspect the flexible PVC ducting for tears, punctures, or excessive wear. Clean the interior of the ducting if dust or debris buildup is observed. The ducting is made from high-quality, wear-resistant material and can be easily folded for storage.
- **Storage:** When not in use, store the fan and ducting in a clean, dry place. The ducting can be collapsed for compact storage.

STURDY STEEL STRUCTURE

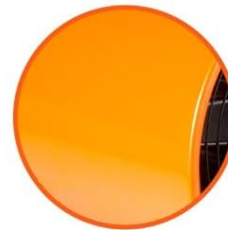
Durable and Not Easily Damaged



ETL
Security
Certification



1.5mm
Thick Steel



**Corrosion-
Resistant**
& Rust-Proof
Spraying

Figure 6.1: The fan's sturdy steel structure and ETL certification, highlighting its durable design.

SAFETY PROTECTION DESIGN

Longer and More Stable Operation



Overheat
Protection



IP44
Waterproof



GFCI
outlet



Figure 6.2: Key safety features including Overheat Protection, IP44 Waterproof rating, and GFCI outlet.

7. TROUBLESHOOTING

If you encounter issues with your VEVOR Air Blower Ventilator, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
Fan does not turn on.	No power supply; GFCI tripped; Power switch off.	Check power outlet; Reset GFCI by pressing the "RESET" button; Ensure power switch is in "ON" position.
Reduced airflow.	Obstructed grilles/ducting; Damaged ducting; Motor overheating.	Clear any obstructions from grilles and ducting; Inspect and repair/replace damaged ducting; Allow unit to cool down if thermal protection has activated.

Problem	Possible Cause	Solution
Unusual noise or vibration.	Loose components; Unstable placement; Debris in fan blades.	Check for and tighten any loose screws; Ensure unit is on a stable, level surface; Disconnect power and carefully remove any debris from fan blades.

If the problem persists after attempting these solutions, please contact VEVOR customer support.

8. SPECIFICATIONS

Feature	Detail
Brand	VEVOR
Model Name	Industrial Portable Ventilator with Hose
Model Number	Combo12P-5D
Power Source	AC
Wattage	585 watts
Air Flow Capacity	3198 Cubic Feet Per Minute (CFM)
Ducting Length	16.4 ft (Flexible PVC)
Fan Diameter	12 Inch
Product Dimensions (D x W x H)	14.96"D x 14.06"W x 17.24"H
Item Weight	36.2 pounds
Noise Level	79dB
Safety Certification	ETL Certified
Waterproof Rating	IP44
Special Features	Combo Fan and Hose, Cylinder, High Velocity, Portable, GFCI outlet, Thermal Protection
Recommended Uses	Exhausting, Ventilating in Basements, Confined spaces, Construction sites, Home Offices, Warehouses, Workshops, Crawl spaces.



Item Model Number:

BT-SHT12A-U(S)5/

BT-SHT12A-E(S)5

Power Cord: 5.9ft / 1.8m Length

(with 3-Prong GFCI Plug)

Noise: 79dB

Product Weight: 33.2 lbs (15.1kg)

Accessories: Instructions x 1

Figure 8.1: Overview of the fan's dimensions and key specifications.

9. WARRANTY AND SUPPORT

VEVOR products are designed for durability and performance. For specific warranty details, please refer to the warranty card included with your product or visit the official VEVOR website. If you require technical assistance, troubleshooting, or have questions regarding your product, please contact VEVOR customer support through their official channels. Keep your purchase receipt for warranty claims.

For more information, visit the [VEVOR Store on Amazon](#).