

VEVOR BT-SHT10A-E(D)10

VEVOR 300W 10-inch Industrial Exhaust Fan with 10m Ducting User Manual

Model: BT-SHT10A-E(D)10

1. INTRODUCTION

This manual provides essential information for the safe and effective operation, installation, and maintenance of your VEVOR 300W 10-inch Industrial Exhaust Fan with 10m Ducting. This portable ventilator is designed for various industrial and domestic applications requiring efficient air extraction and circulation. Please read this manual thoroughly before use and retain it for future reference.

The VEVOR industrial exhaust fan features a high-performance 300W AC motor, delivering an airflow volume of 1720 CFM (2922 m³/h) for rapid removal of smoke, odors, and hot air. Its robust steel construction, ETL certification, and corrosion-resistant coating ensure durability and reliable long-term operation. Designed for portability, it includes a handle and non-slip rubber feet. Safety features such as an IP44 waterproof rating and overheat protection allow for stable operation in diverse environments, including humid conditions.

2. SAFETY INSTRUCTIONS

Always adhere to the following safety guidelines to prevent injury or damage to the equipment:

- Ensure the power supply matches the specifications listed on the product label.
- Do not operate the fan with a damaged power cord or plug. Replace immediately if damaged.
- Keep hands, loose clothing, and hair away from moving parts during operation.
- Do not immerse the fan in water or expose it to excessive moisture beyond its IP44 rating.
- Always unplug the fan from the power source before cleaning, maintenance, or when not in use.
- Use the fan only in well-ventilated areas.
- Do not use the fan to extract flammable or explosive gases.
- Position the fan on a stable, level surface to prevent tipping.
- The fan is equipped with a GFCI (Ground Fault Circuit Interrupter) plug for enhanced electrical safety. Do not bypass or modify this safety feature.

3. PACKAGE CONTENTS

Verify that all items are present upon unpacking:

- Portable Industrial Exhaust Fan x 1
- Flexible Ducting (10 meters) x 1
- User Manual x 1

4. SETUP

1. **Unpacking:** Carefully remove the fan and ducting from the packaging. Inspect for any shipping damage.
2. **Positioning the Fan:** Place the fan on a firm, level surface in the desired location. Ensure there is adequate space around the fan for proper airflow and stability.
3. **Connecting the Ducting:**
 - Extend the flexible ducting to its full length.
 - Attach one end of the ducting to the fan's outlet or inlet, depending on whether you need to extract or supply air. The ducting typically has an adjustable rope or strap for secure connection.
 - Ensure the connection is tight to prevent air leakage.
 - Route the ducting to the area where air needs to be moved. Avoid sharp bends or kinks that could restrict airflow.

32.8FT FLEXIBLE PVC PIPE HOSES

Easy to Connect, Convenient and Practical



✓ **Adjustable Rope:**
Can Connect Multiple Fan Ports



✓ **High Quality and Wear-Resistant Material:**
Can Be Easily Folded and Unfolded

Image: The VEVOR industrial exhaust fan with its flexible 10-meter PVC ducting attached, illustrating how the duct connects to the fan's port. The ducting is shown extended and ready for use.

5. OPERATING INSTRUCTIONS

1. **Power Connection:** Plug the fan's 3-prong GFCI power cord into a suitable electrical outlet. Ensure the outlet is properly grounded.
2. **Power On/Off:** Locate the power switch on the fan. Turn the switch to the 'ON' position to start the fan.
3. **Speed Selection:** This fan features two speed settings. Use the switch to select the desired airflow intensity (Low or High).
4. **Operation:** Allow the fan to operate for the required duration to achieve the desired ventilation or air extraction.
5. **Power Off:** When finished, turn the power switch to the 'OFF' position and unplug the fan from the electrical outlet.

HIGH PERFORMANCE AC MOTORS

Strong Airflow Rapidly Purifies Air



Image: The VEVOR industrial exhaust fan actively moving air in a warehouse setting, demonstrating its high-performance AC motor and strong airflow for rapid air purification.

6. MAINTENANCE

Regular maintenance ensures optimal performance and extends the lifespan of your fan.

- **Cleaning:** Disconnect the fan from power before cleaning. Use a soft, damp cloth to wipe down the exterior of the fan and the fan grilles. For stubborn dirt, a mild detergent can be used. Do not use abrasive cleaners or solvents.
- **Fan Blades:** Periodically inspect the fan blades for dust and debris buildup. If necessary, carefully clean the blades using a soft brush or cloth.
- **Ducting:** Inspect the flexible ducting for tears, punctures, or blockages. Clean the interior of the ducting if excessive dust or debris has accumulated.
- **Storage:** When not in use for extended periods, store the fan and ducting in a clean, dry place, away from direct sunlight and extreme temperatures. The flexible ducting can be easily folded for compact storage.

7. TROUBLESHOOTING

Problem	Possible Cause	Solution
Fan does not start	No power supply; GFCI tripped; Damaged power cord/plug; Motor malfunction.	Check power connection and outlet. Reset GFCI if tripped. Inspect power cord for damage. If issues persist, contact support.
Reduced airflow	Ducting kinked or blocked; Fan blades dirty; Incorrect speed setting.	Straighten ducting and clear any obstructions. Clean fan blades. Select a higher speed setting.
Unusual noise or vibration	Loose components; Fan blades unbalanced or damaged; Obstruction in fan housing.	Turn off and unplug the fan. Inspect for loose parts and tighten. Check fan blades for damage or obstructions and remove.

8. SPECIFICATIONS





Power Cord: 5.9ft / 1.8m Length
(with 3-Prong GFCI Plug)

Gear: Two gears

Noise: 79dB

Product Weight: 32.6 lbs (14.8 kg)

Accessories: Instructions x 1

Image: A visual representation of the VEVOR industrial exhaust fan, highlighting its physical dimensions and some key technical specifications like power cord length, gear settings, noise level, and product weight.

Feature	Specification
Model Number	BT-SHT10A-E(D)10
Power Supply	AC 220-240 V 50 Hz

Feature	Specification
Power	300 W
Air Volume	1720 CFM (2922 m ³ /h)
Speed	2830 RPM
Power Cord Length	5.9 feet / 1.8 m (with 3-Prong GFCI Plug)
Gears	Two Gears
Noise Level	79 dB
Product Weight	32.6 lb (14.8 kg)
Product Dimensions (L x W x H)	11.77 x 11.54 x 14.57 inches (298 x 293 x 370 mm)
Duct Length	10 meters
Material	Alloy Steel
Finish	Powder Coating
Certification	ETL
Waterproof Rating	IP44
Special Features	2 speeds, Portable, GFCI plug

9. WARRANTY AND SUPPORT

VEVOR products are designed for durability and performance. For warranty information, technical support, or service inquiries, please refer to the official VEVOR website or contact their customer service department. Keep your purchase receipt as proof of purchase for any warranty claims.