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› VENTISOL 18 Inch Shutter Exhaust Fan User Manual

VENTISOL B0B3DB6BY4

VENTISOL 18 Inch Shutter Exhaust Fan User Manual

Model: B0B3DB6BY4

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1. INTRODUCTION

This manual provides detailed instructions for the installation, operation, and maintenance of your VENTISOL 18 Inch Shutter Exhaust Fan. This industrial-grade exhaust fan is designed for efficient air circulation and ventilation in various environments such as garages, attics, shops, and greenhouses. Please read this manual thoroughly before use to ensure safe and optimal performance.



Figure 1.1: VENTISOL 18 Inch Shutter Exhaust Fan. This image shows the exhaust fan with its metal housing, fan blades visible through the open shutters, and the attached power cord coiled at the bottom right.

2. SAFETY INSTRUCTIONS

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

- Ensure the power supply matches the fan's voltage requirements (120V AC).
- Disconnect power before performing any installation, maintenance, or cleaning.
- Do not operate the fan with damaged wiring or if the power cord is frayed.
- Keep hands, hair, and loose clothing away from moving parts during operation.
- Install the fan securely to a stable surface to prevent vibration and accidental detachment.
- This fan is designed for ventilation; do not use it for purposes other than its intended use.
- Ensure proper grounding to prevent electrical shock. The fan is ETL-Certified for safety.

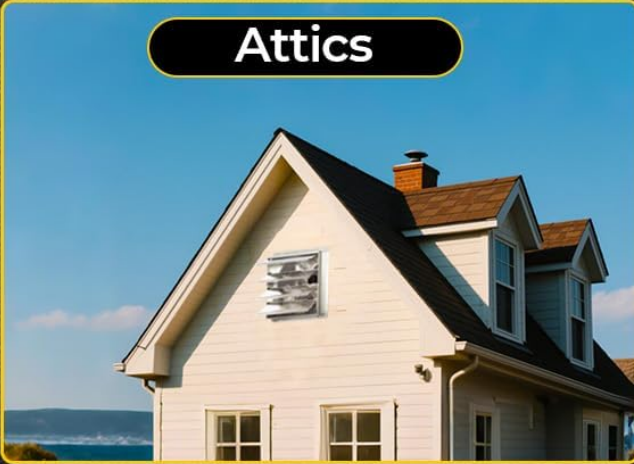
3. PRODUCT COMPONENTS AND FEATURES

The VENTISOL 18 Inch Shutter Exhaust Fan is constructed with durable materials and designed for high performance.

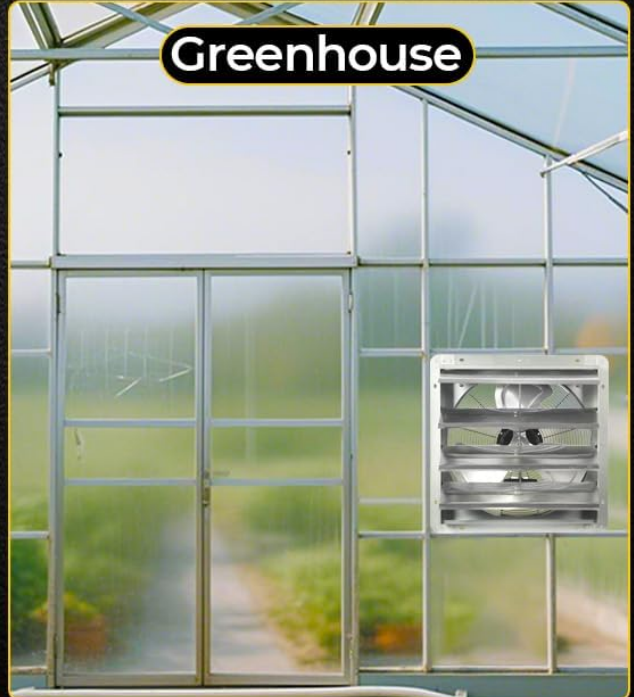
- **Industrial-Grade Metal Durability:** Crafted with dual-layer galvanized steel body and rust-resistant aluminum alloy shutters.
- **High Performance Motor:** Features a fully sealed ball bearing motor with overload protection for long-term use.
- **Gravity Automatic Shutters:** Designed to open when the fan is operating and close when off, providing a barrier against dust and humidity.
- **Pre-wired Power Cord:** Includes a 1.65m (5.4ft) power cord for plug-and-play installation.
- **OSHA Compliant Grille:** Ensures safety by preventing contact with moving fan blades.

WIDELY APPLICATIONS

Attics



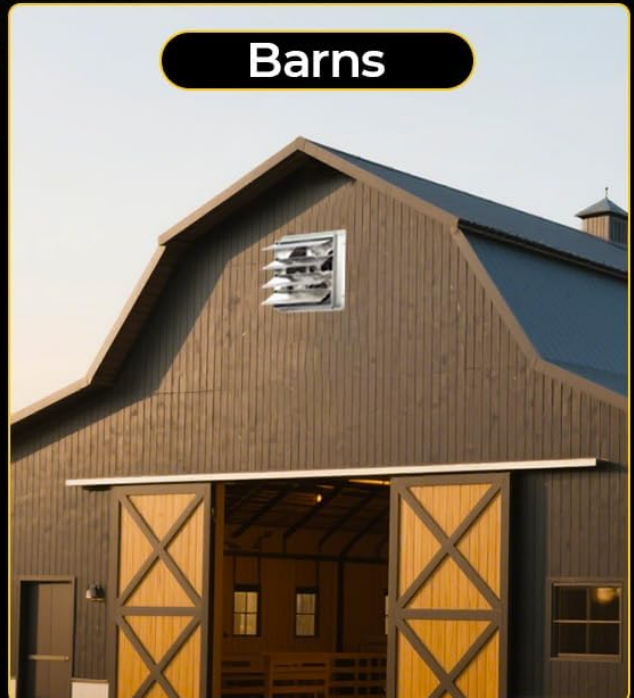
Greenhouse



Garage



Barns



Chicken Coops

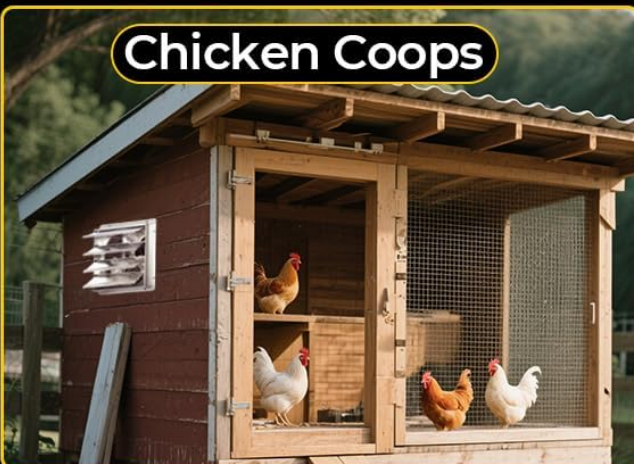


Figure 3.1: Key components of the VENTISOL exhaust fan. This diagram highlights the 65-inch power cord, powerful fan blade, OSHA compliant grille, and the overall aluminum exhaust fan structure.

HEAVY-DUTY ENCLOSED MOTOR

For Long-Time Using



Ball Bearing



Overload Protection



Fully Sealed Motor



All Metal Casing



ETL Listed

Fully Sealed Ball
Bearing Motor



Figure 3.2: Heavy-duty enclosed motor. This image illustrates the internal components of the motor, emphasizing its ball bearing design and overload protection for stable and powerful operation.

4. TECHNICAL SPECIFICATIONS

Feature	Specification
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Feature	Specification
Model Number	B0B3DB6BY4
Size	18 Inch Exhaust Fan
Color	Silver
Product Dimensions (D x W x H)	11.82"D x 21.26"W x 21.26"H
Item Weight	9.7 Pounds
Power Source	AC
Voltage	120 V
Watts	110 W
Air Volume	2,500 CFM (Cubic Feet per Minute)
Rotating Speed	1495 RPM
Wind Speed	7.6 m/s
Applicable Space	Up to 940 SQF
Power Cord Length	1.65m (5.4ft) / 65 inches
Certification	ETL-Certified
Special Features	Corrosion Resistant, Weather Resistant

PRODUCT PARAMETER

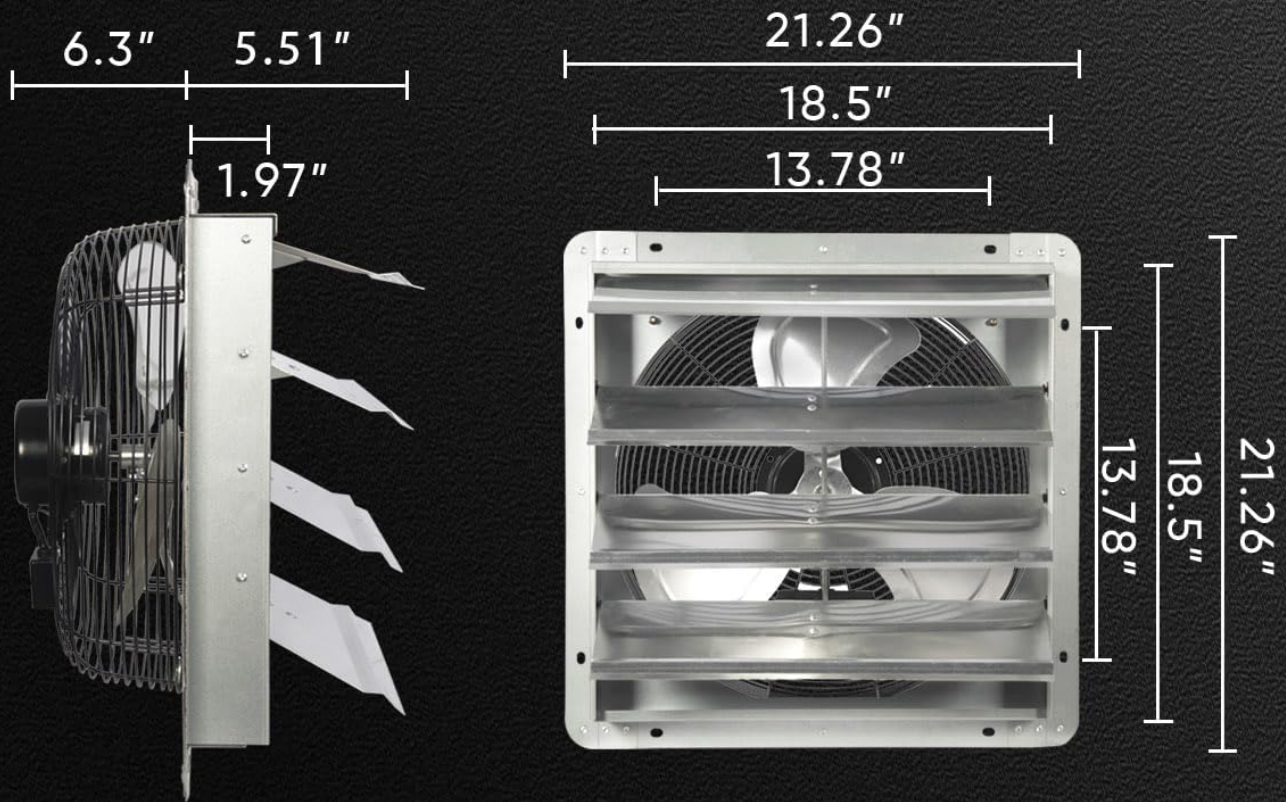


Figure 4.1: Product parameter overview. This image displays the fan's dimensions (depth, width, height) and key electrical specifications such as rotating speed, voltage, watts, air volume, and applicable space.

5. SETUP AND INSTALLATION

The VENTISOL exhaust fan is designed for quick and easy installation, typically within 5 minutes, due to its pre-installed power cord and no assembly requirement.

5.1 Choosing an Installation Location

Select a location that allows for optimal airflow and ventilation. Common applications include:

- **Garages:** To remove vehicle exhaust and fumes.
- **Greenhouses:** For heat regulation and humidity control.
- **Attics:** To reduce heat buildup and improve air circulation.
- **Workshops/Shops:** For dust extraction and general air quality improvement.
- **Chicken Coops/Barns:** To provide adequate ventilation.

PREMIUM MATERIAL

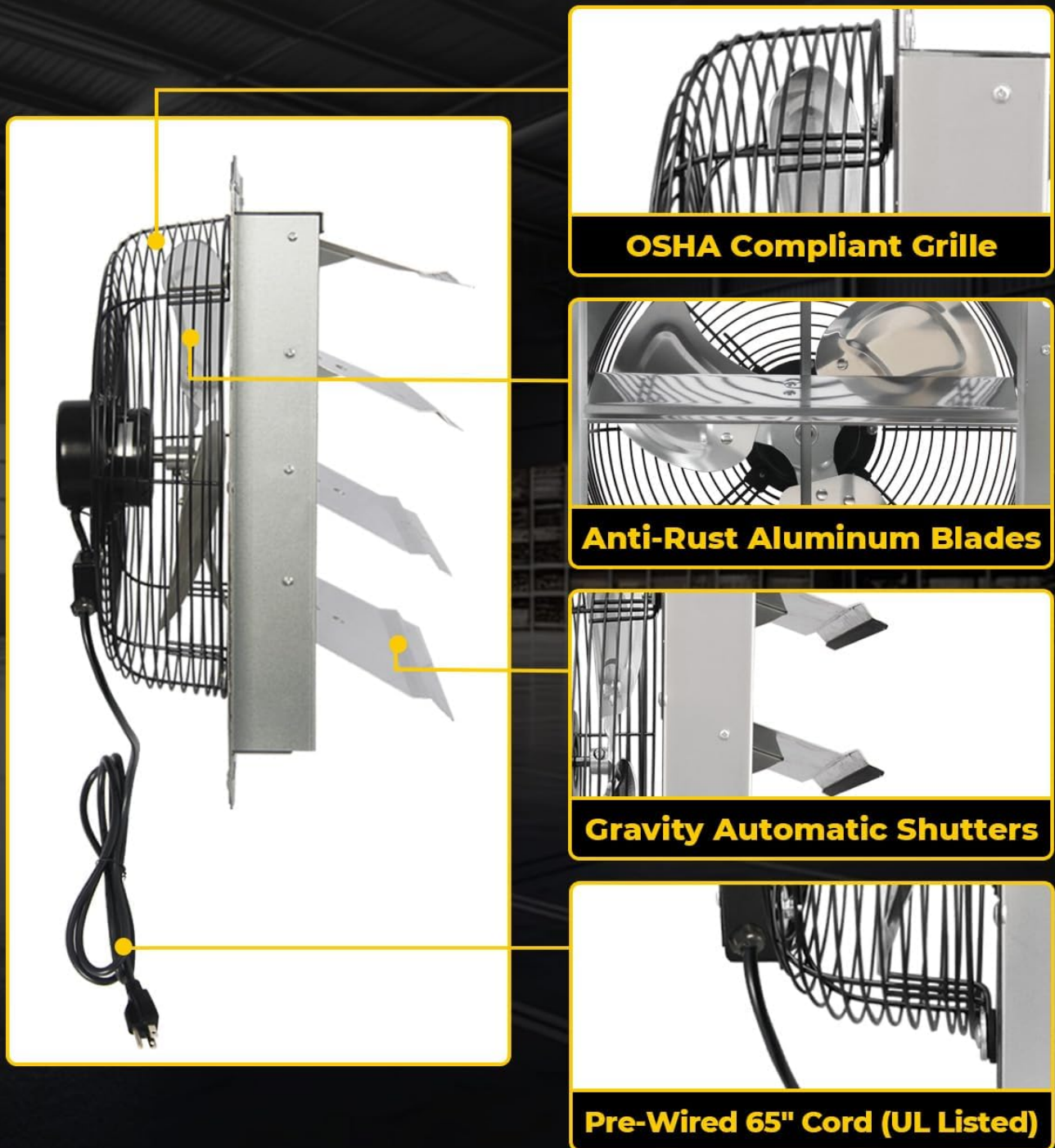


Figure 5.1: Wide applications of the exhaust fan. This image shows the fan installed in various settings including attics, greenhouses, garages, barns, and chicken coops, demonstrating its versatility.

5.2 Installation Steps

1. **Prepare the Opening:** Ensure the wall or window opening is appropriately sized for the 18-inch fan (approximately 21.26" x 21.26").
2. **Position the Fan:** Carefully place the fan into the prepared opening, ensuring it is level and flush with the surface.
3. **Secure the Fan:** Use appropriate fasteners (not included) to securely mount the fan to the wall studs or framing.

The fan housing has pre-drilled holes for mounting.

4. **Connect Power:** Plug the pre-installed 5.4ft power cord into a standard 120V AC grounded electrical outlet. No additional wiring is required.

Note: For permanent installations or if extending the power cord, consult a qualified electrician to ensure compliance with local electrical codes.

6. OPERATION

Operating your VENTISOL exhaust fan is straightforward.

6.1 Turning On/Off

Once plugged in, the fan can be operated by a switch on the power cord (if present) or by controlling the power at the outlet. When the fan is powered on, the gravity shutters will open to allow airflow. When powered off, the shutters will close to prevent dust and humidity entry.

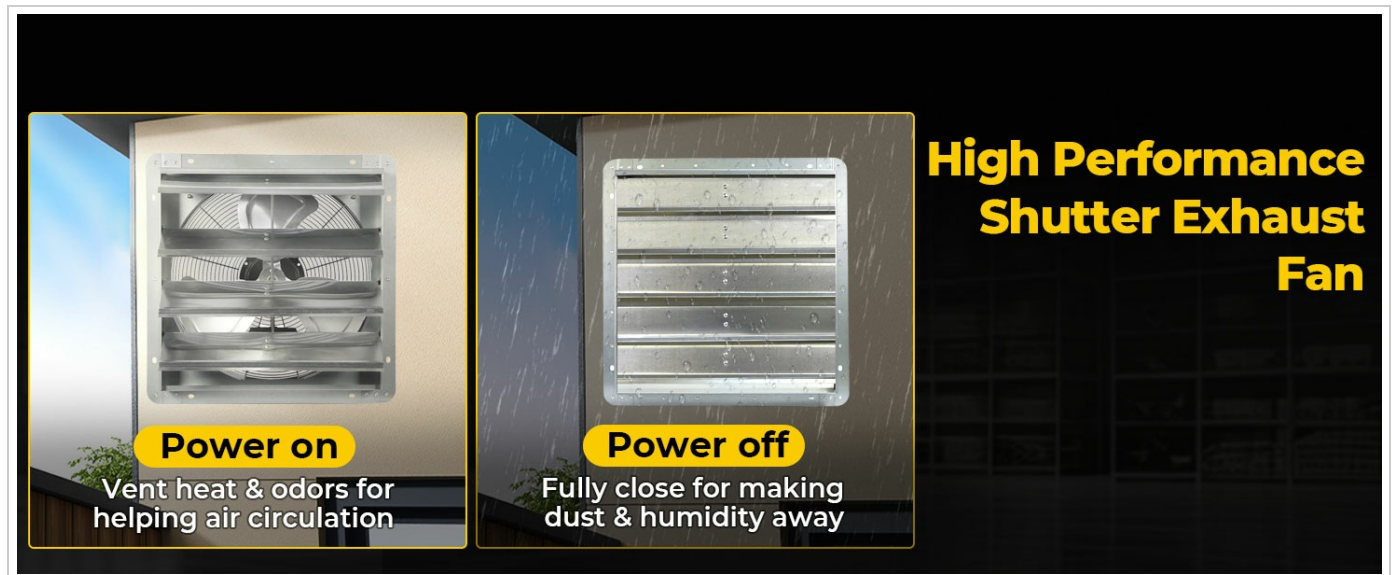


Figure 6.1: Fan operation states. This image shows the fan with shutters open when powered on, facilitating heat and odor ventilation, and shutters closed when powered off, providing protection against dust and humidity.

6.2 Airflow and Performance

The fan provides a powerful 2,500 CFM airflow, effectively removing heat, dust, humidity, and odors from the designated area. Its high-speed operation ensures rapid air exchange.

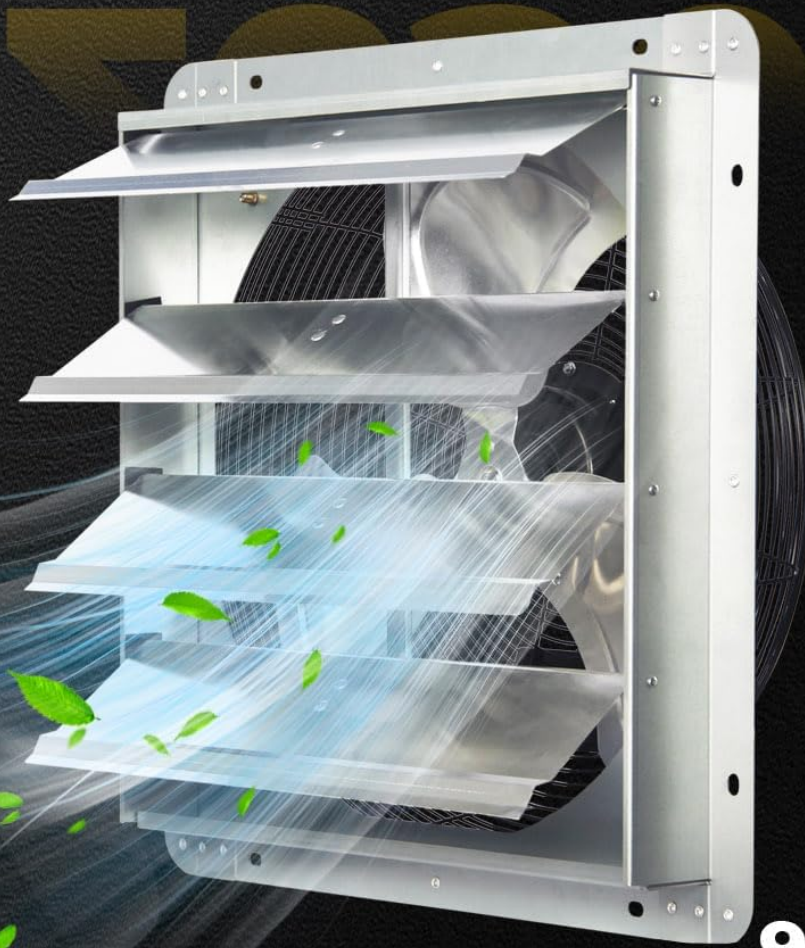
POWERFUL EXHAUST

Quickly Exhausts Indoor Air To Keep The Air
Fresh And Unobstructed



2600

CFM



940 SQF
Applicable space

Figure 6.2: Powerful exhaust capability. This image visually represents the fan's ability to quickly exhaust indoor air, showing air movement and indicating a 2600 CFM airflow for an applicable space of 940 SQF.

HIGH PERFORMANCE

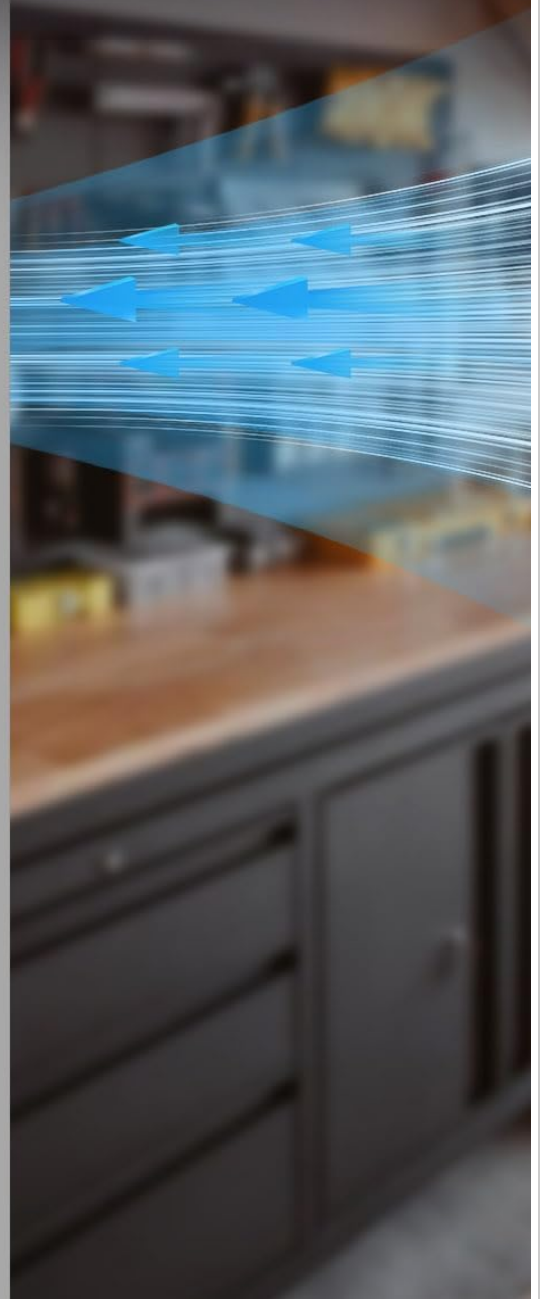
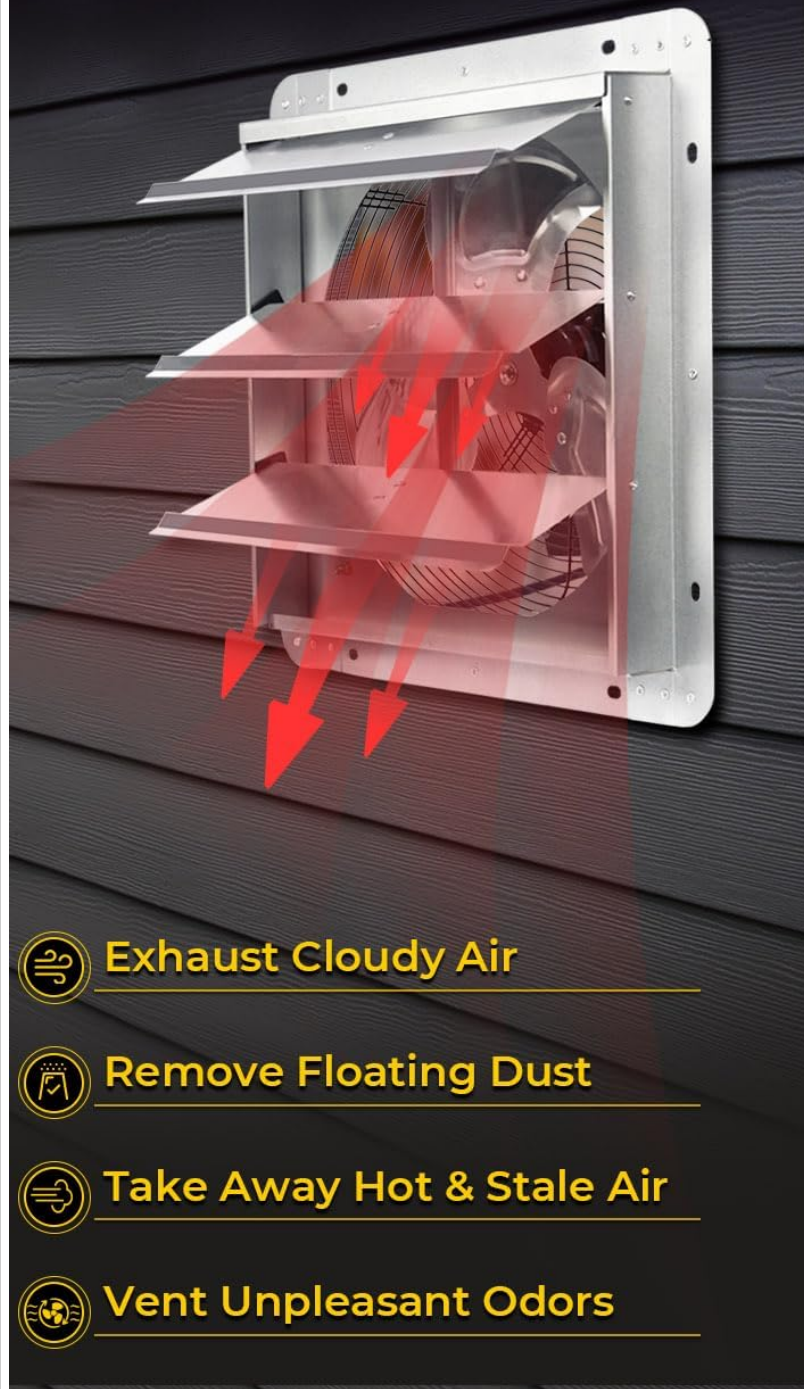


Figure 6.3: High performance ventilation. This image demonstrates the fan's effectiveness in exhausting cloudy air, removing floating dust, taking away hot and stale air, and venting unpleasant odors from a space.

7. MAINTENANCE

Regular maintenance ensures the longevity and optimal performance of your exhaust fan.

- **Cleaning:** The reinforced aluminum blades and galvanized steel body are designed for easy cleaning. Maintenance

typically requires only surface wiping. *No blade disassembly is required for cleaning.*

- **Shutter Inspection:** Periodically check the gravity shutters to ensure they open and close freely. Clean any debris that might obstruct their movement.
- **Motor:** The sealed ball bearing motor is designed to be maintenance-free. Do not attempt to lubricate or open the motor housing.
- **Power Cord:** Inspect the power cord regularly for any signs of damage, fraying, or overheating. Replace immediately if damage is found.

8. TROUBLESHOOTING

Refer to the following table for common issues and their solutions.

Problem	Possible Cause	Solution
Fan does not turn on.	No power supply; tripped circuit breaker; faulty power cord.	Check if the fan is properly plugged in. Verify power at the outlet. Reset circuit breaker. Inspect power cord for damage.
Reduced airflow.	Obstructed shutters; dirty fan blades; insufficient opening size.	Clean shutters and fan blades. Ensure the installation opening is clear and appropriately sized.
Unusual noise or vibration.	Loose mounting; debris in fan blades; motor issue.	Ensure the fan is securely mounted. Disconnect power and remove any debris from blades. If noise persists, contact customer support.
Shutters do not open/close properly.	Debris obstructing shutters; bent shutters.	Clean shutters and hinges. Gently straighten any bent shutters if possible, or contact support for replacement parts.

9. WARRANTY AND CUSTOMER SUPPORT

For warranty information or technical assistance, please contact VENTISOL customer support. Keep your purchase receipt as proof of purchase for warranty claims.

VENTISOL Customer Service:

- Visit the official VENTISOL store on Amazon:[VENTISOL Store](#)
- Refer to your product packaging for specific contact details or warranty registration information.

Note: Protection plans are available for purchase separately through Amazon, offering extended coverage. These plans are managed by third-party providers.

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

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. [Privacy details](#).

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