

VENTISOL G-20EF

VENTISOL 20 Inch Shutter Exhaust Fan User Manual

Model: G-20EF

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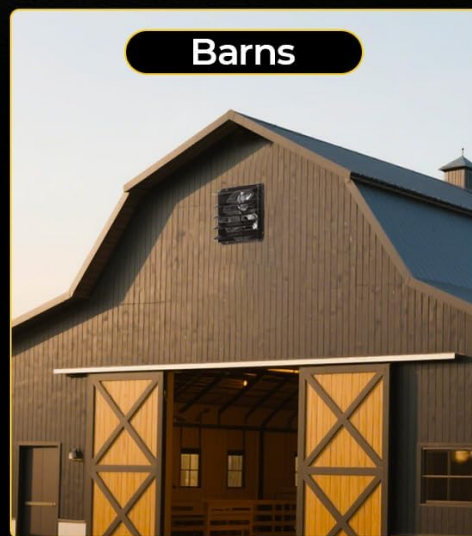
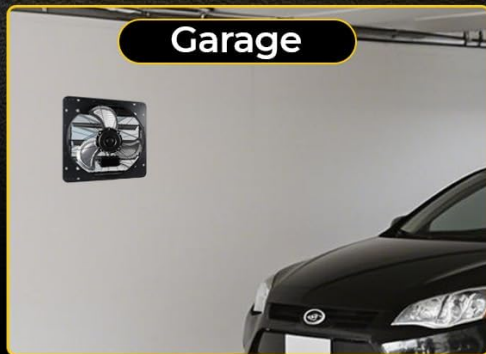
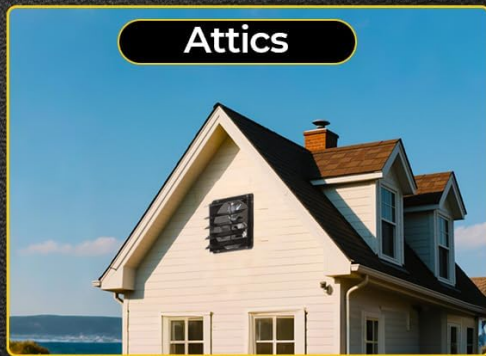
1. INTRODUCTION

This manual provides essential information for the safe and efficient operation of your VENTISOL 20 Inch Shutter Exhaust Fan, Model G-20EF. Please read these instructions thoroughly before installation and use, and retain them for future reference.

The VENTISOL 20 Inch Shutter Exhaust Fan is designed to improve air circulation by removing excess heat, moisture, and odors from various indoor spaces. Its robust construction and automatic features make it suitable for environments such as greenhouses, garages, attics, workshops, and chicken coops.

Image: VENTISOL 20 Inch Shutter Exhaust Fan in various application settings.

WIDELY APPLICATIONS



2. SAFETY INFORMATION

WARNING: To reduce the risk of fire, electric shock, or injury to persons, observe the following:

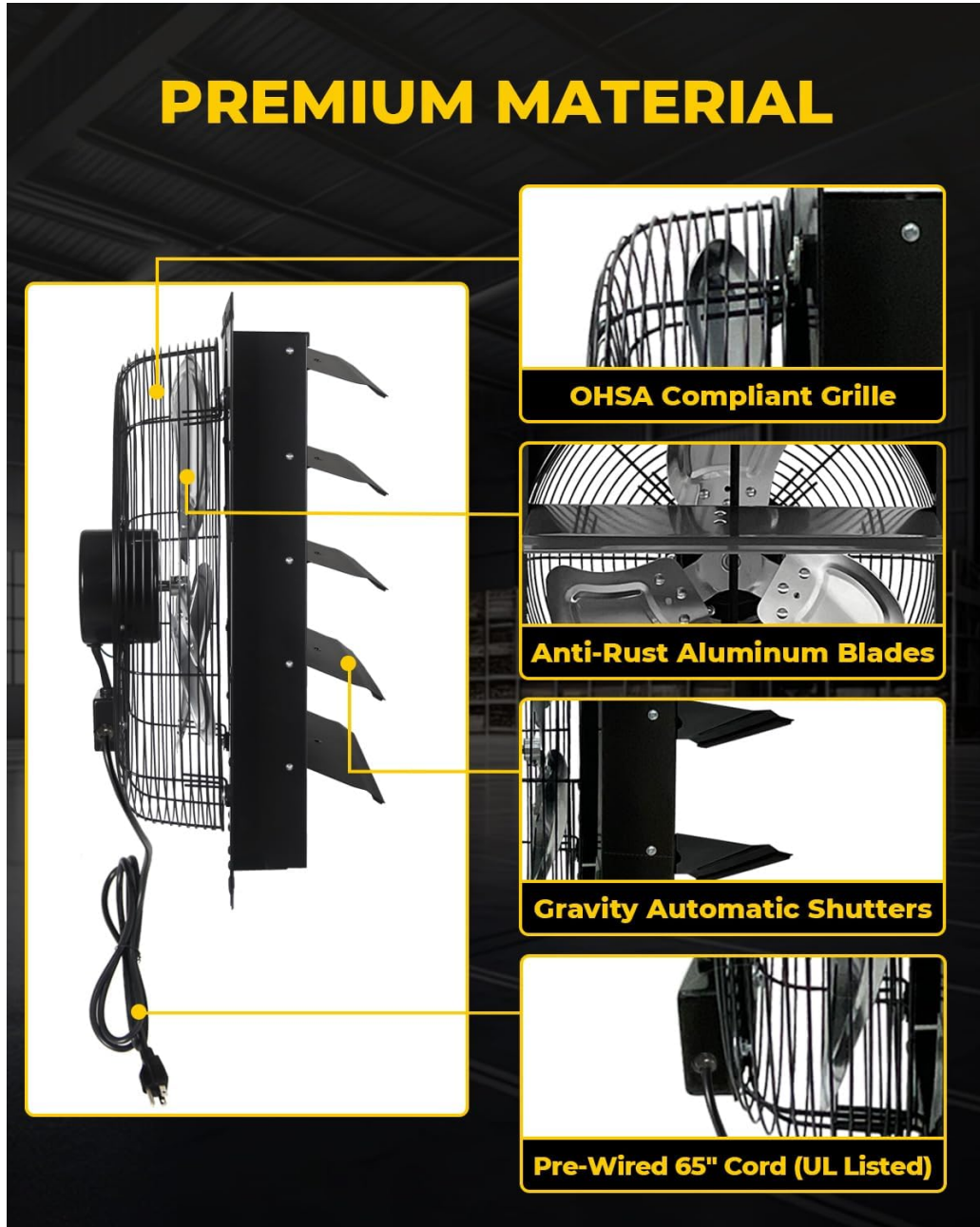
- Always disconnect power before servicing or cleaning the unit.
- Installation must be performed by qualified personnel in accordance with all applicable codes and standards.
- Do not use this fan with any solid-state speed control device unless specifically designed for this product.
- Ensure the power cord is not damaged or pinched.
- Keep hands and foreign objects away from the fan blades during operation.
- This fan is designed for indoor use in specified environments. Avoid exposure to excessive moisture or outdoor elements unless explicitly stated.
- Do not operate any fan with a damaged cord or plug. Discard fan or return to an authorized service facility for examination and/or repair.

3. PRODUCT FEATURES

- **Multipurpose Ventilation:** Effectively removes excess heat and moisture, promoting a cooler and more comfortable environment. Ideal for attics, workshops, welding rooms, factories, warehouses, barns, and greenhouses.
- **Pre-Installed Power Cord:** Features a 1.65m (5.4ft) power cord for simplified, quick installation without complex wiring.
- **Durable Construction:** Constructed with an all-metal structure, corrosion-resistant aluminum fan blades, and steel wire guards for enhanced longevity and rust prevention.

- **Automatic Aluminum Shutters:** Gravity-operated shutters open when the fan is active and close when it's off, protecting the fan from rain and debris.
- **Powerful Airflow:** Delivers 3500 CFM (Cubic Feet Per Minute) airflow at 1309 RPM for efficient air circulation.

Image: Detailed view of the VENTISOL 20 Inch Shutter Exhaust Fan components, highlighting premium materials.

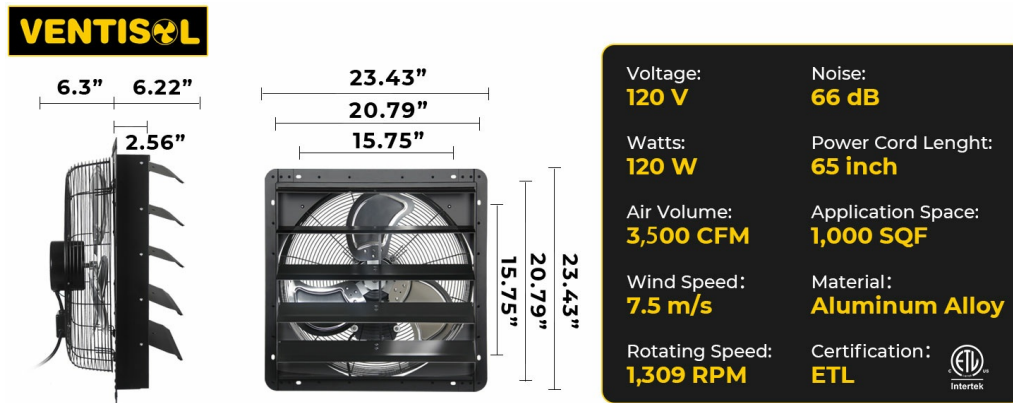


4. SPECIFICATIONS

Feature	Detail
Brand	VENTISOL
Model Name	G-20EF
Size	20 Inch
Color	Black
Electric Fan Design	Exhaust Fan
Power Source	AC
Product Dimensions	8.86"D x 24.43"W x 24.43"H
Wattage	120 watts

Number of Blades	3
Air Flow Capacity	3500 Cubic Feet Per Minute (CFM)
Speed	1309 RPM
Voltage	120 Volts
Item Weight	9.7 Pounds
Included Components	Fan with pre-installed power cord
Installation Type	Wall Mounted

Image: Product Parameter Diagram



5. INSTALLATION

The VENTISOL 20 Inch Shutter Exhaust Fan is designed for straightforward wall-mounted installation. No complex wiring or assembly is required due to the pre-installed 1.65m (5.4ft) power cord.

5.1 Unboxing and Preparation

1. Carefully open the packaging and remove the fan.
2. Inspect the fan for any signs of damage during transit.
3. Remove any protective tape or packaging materials from the shutters.

Video: *VENTISOL 20 Inch Shutter Fan Unboxing*

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This video demonstrates the unboxing process and initial inspection of the VENTISOL 20 Inch Shutter Exhaust Fan, including removal of protective tape from the shutters.

5.2 Mounting the Fan

- Choose a suitable location on a wall that allows for proper air circulation and is structurally sound to support the fan's weight.
- Ensure the mounting area is clear of obstructions and electrical wiring.
- Use appropriate fasteners (not included) to securely mount the fan to the wall through the pre-drilled holes in the frame.
- Verify the fan is level and securely attached before proceeding.

Image: *VENTISOL 20 Inch Shutter Exhaust Fan, side view with dimensions.*

HEAVY-DUTY ENCLOSED MOTOR

For Long-Time Using



Ball Bearing



Overload Protection



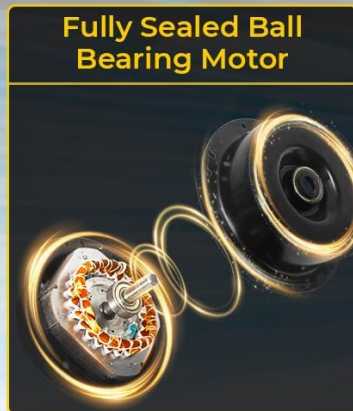
Fully Sealed Motor



All Metal Casing



ETL Listed



6. OPERATING INSTRUCTIONS

6.1 Powering On/Off

- Plug the pre-installed power cord into a standard 120V AC electrical outlet.
- The fan will begin operating, and the automatic gravity shutters will open as the fan blades rotate.
- To turn off the fan, unplug the power cord from the outlet. The shutters will automatically close.

Video: *VENTISOL 20 Inch Shutter Fan Demonstration*

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This video demonstrates the VENTISOL 20 Inch Shutter Fan in action, showcasing its features and performance, including the automatic shutter operation.

6.2 Automatic Shutter Function

The fan features automatic gravity shutters that are designed to open when the fan is running and close when it is powered off. This mechanism helps to prevent drafts, insects, and debris from entering the ventilated space when the fan is not in use.

Image: *Exhaust fan with fully closed gravity shutters.*

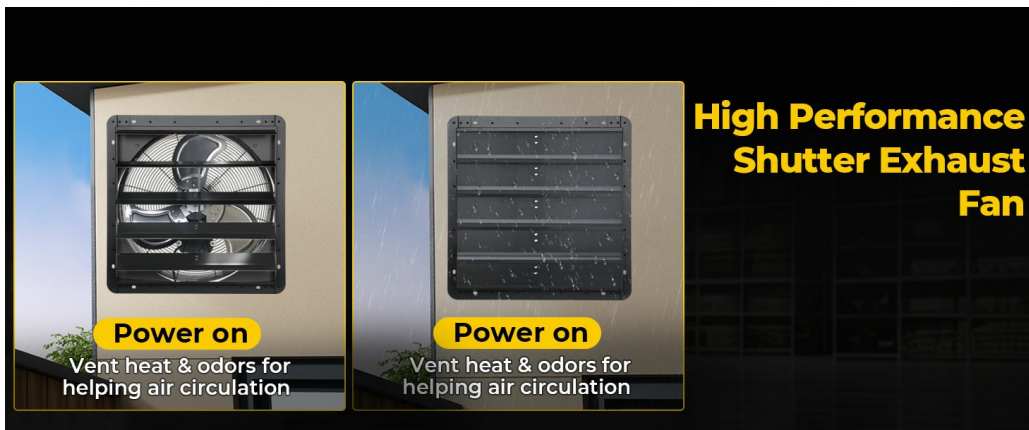


Image: Diagram illustrating efficient air circulation.



7. MAINTENANCE

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

7.1 Cleaning

- **Before Cleaning:** Always ensure the fan is unplugged from the power source.
- **Fan Blades:** Periodically wipe the aluminum fan blades with a soft, damp cloth to remove dust and debris. Avoid using abrasive cleaners.
- **Shutters:** Clean the automatic shutters to ensure they open and close smoothly. Remove any accumulated dirt or obstructions.
- **Exterior:** Wipe the exterior frame with a damp cloth.

7.2 Inspection

- Regularly check the power cord for any signs of damage, fraying, or cuts.
- Ensure all mounting hardware remains secure.
- Verify that the fan blades rotate freely without obstruction.

8. TROUBLESHOOTING

Problem	Possible Cause	Solution
Fan does not turn on.	No power, loose connection, faulty outlet.	Check if the power cord is securely plugged in. Test the outlet with another device. Inspect the power cord for damage.
Shutters do not open or close properly.	Obstruction, dirt buildup, damaged mechanism.	Clean the shutters and remove any debris. Ensure the fan is mounted level. If damaged, contact customer support.
Fan is unusually noisy.	Loose components, debris in blades, motor issue.	Check for loose screws or mounting. Clean fan blades. If noise persists, discontinue use and contact support.

Reduced airflow.	Dirty blades, obstructed intake/exhaust.	Clean fan blades and ensure the area around the fan is clear for optimal airflow.
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9. PRODUCT VIDEOS

9.1 Shutter Exhaust Fan Overview

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This video provides a general overview of the VENTISOL Shutter Exhaust Fan, highlighting its design and functionality.

9.2 VENTISOL 20 Inch Shutter Fan Unboxing

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Watch this video for a detailed unboxing experience of the VENTISOL 20 Inch Shutter Fan, showing what to expect upon delivery.

9.3 VENTISOL 20 Inch Shutter Fan Demonstration

Your browser does not support the video tag.

This video demonstrates the VENTISOL 20 Inch Shutter Fan in action, showcasing its features and performance.

10. WARRANTY & SUPPORT

For warranty information and customer support, please refer to the documentation included with your product or visit the official VENTISOL website. Keep your purchase receipt as proof of purchase for any warranty claims.

Contact Information:

- **Seller:** VENTISOL-USA
- **Amazon Store:** [VENTISOL Store on Amazon](#)

Protection plans are available for purchase separately:

- 3-Year Protection Plan: \$23.99
- 4-Year Protection Plan: \$32.99
- Complete Protect (monthly): \$16.99