



Manuals.plus /

› VENTISOL /

› VENTISOL 14 Inch Shutter Exhaust Fan User Manual

## VENTISOL G-14EF

# VENTISOL 14 Inch Shutter Exhaust Fan User Manual

Model: G-14EF

Brand: VENTISOL

## 1. INTRODUCTION

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The VENTISOL 14 Inch Shutter Exhaust Fan is engineered to provide effective ventilation, helping to remove excess heat, humidity, and stale air from various spaces. Its robust design and powerful airflow contribute to a healthier and more comfortable environment. This manual provides essential information for the safe and efficient operation, installation, and maintenance of your exhaust fan.

This fan is suitable for a wide range of applications, including:

- Home attics
- Workshops
- Welding rooms
- Factories
- Warehouses
- Barns
- Greenhouses



Figure 1: Front view of the VENTISOL 14 Inch Shutter Exhaust Fan.

## 2. PRODUCT FEATURES

- **Multipurpose Design:** Effectively removes excess heat and moisture, suitable for various environments.
- **Power Cord Kit:** Includes a 6-foot universal extension power cord for easy installation.
- **Sturdy & Durable:** Features rugged all-metal structure, corrosion-resistant aluminum fan blades, shutters, and steel wire guards for enhanced longevity.
- **Automatic Aluminum Shutters:** Gravity-operated shutters open when the fan is on and close when off, protecting against elements.
- **Powerful Airflow:** Operates at 1590 RPM, delivering up to 1950 CFM for superior air circulation.

# PREMIUM MATERIAL

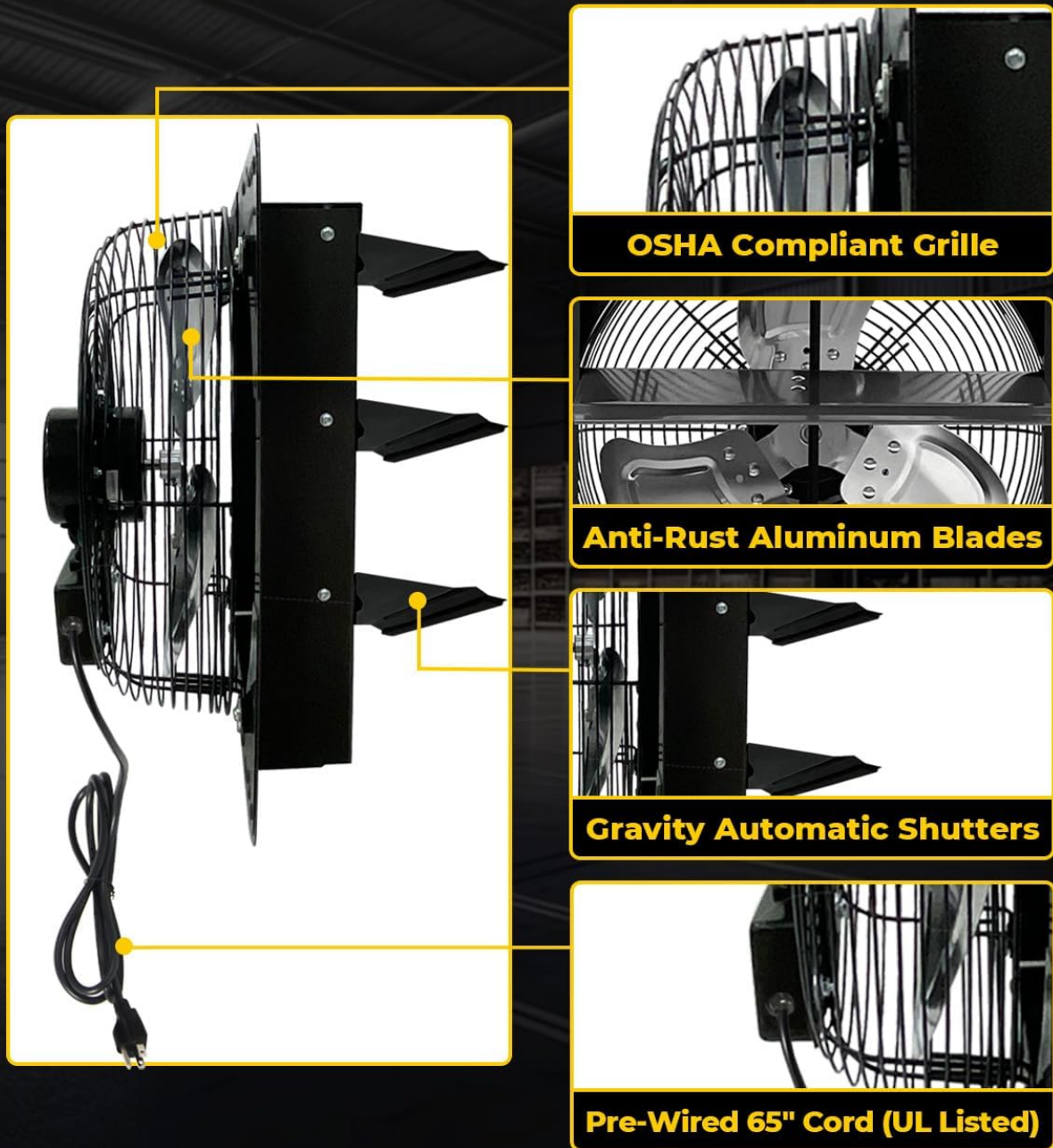


Figure 2: Illustration of the fan's premium material components.

# HEAVY-DUTY ENCLOSED MOTOR

For Long-Time Using



Ball Bearing



Overload Protection



Fully Sealed Motor



All Metal Casing



ETL Listed

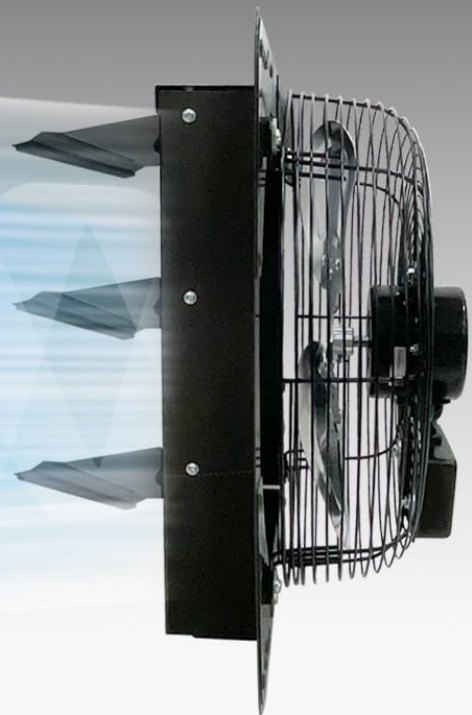
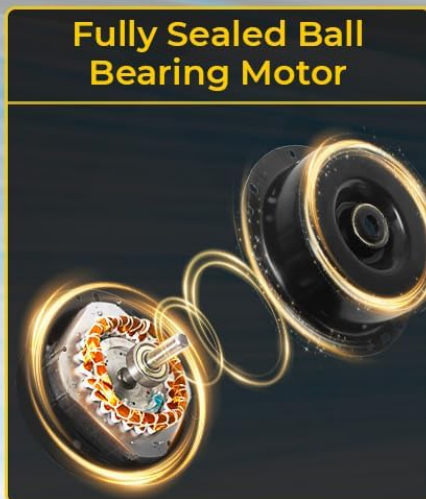


Figure 3: Details of the heavy-duty enclosed motor.

## 3. SETUP AND INSTALLATION

Before installation, ensure the mounting surface is sturdy enough to support the fan's weight and operation. The fan is designed for wall-mounted installation.

### 3.1 Unboxing and Inspection

Carefully unbox the fan and inspect for any damage during shipping. Ensure all components are present.

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Video 1: Unboxing the 14 Inch Shutter Fan. This video demonstrates the unboxing process and initial inspection of the fan.

### 3.2 Mounting Location and Dimensions

Choose a location that allows for optimal airflow and is free from obstructions. The fan requires an opening of approximately 14.96 inches (depth) x 14.96 inches (width) x 11.85 inches (height) for proper fit. Refer to the product parameter image for detailed dimensions.

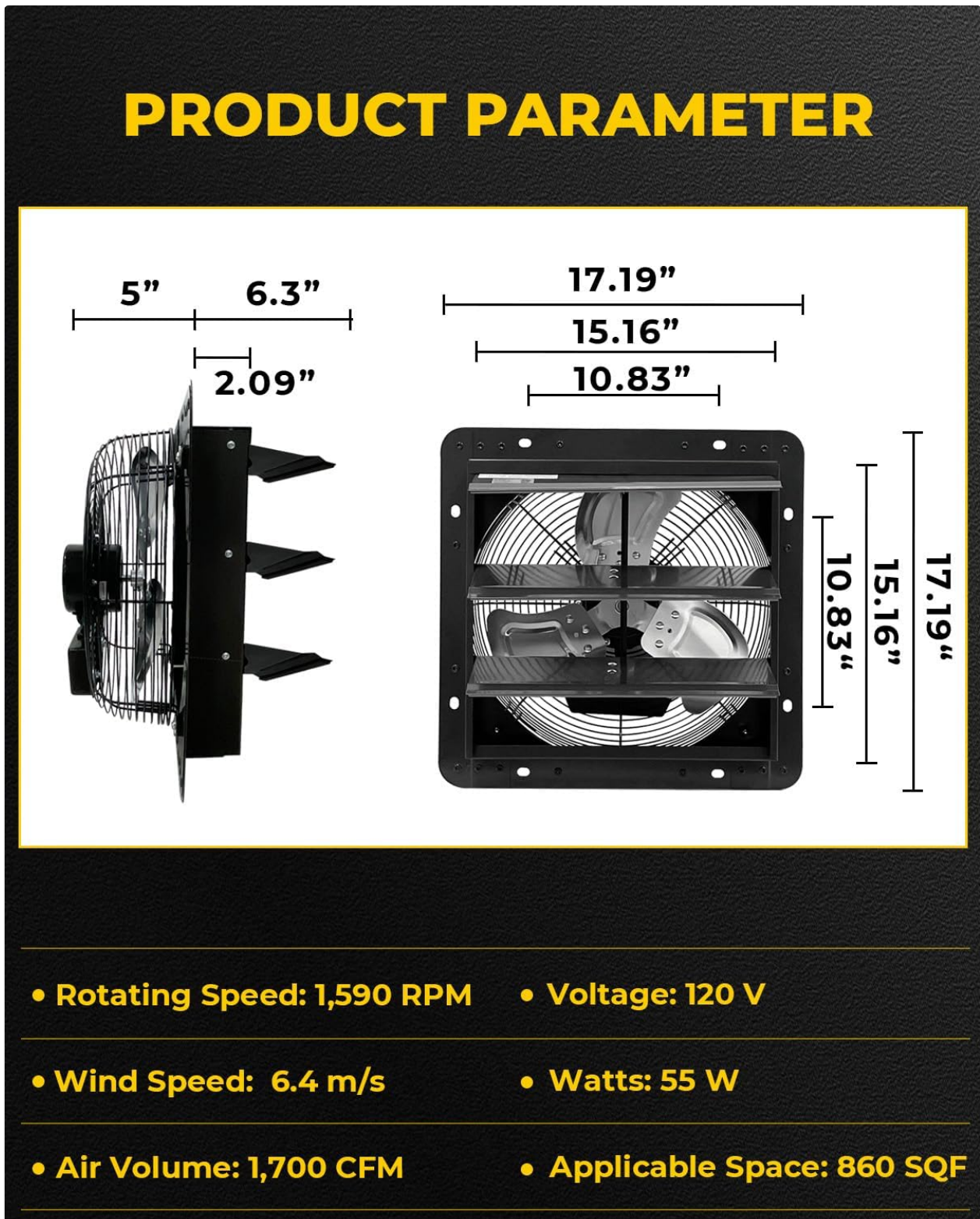


Figure 4: Detailed product parameter diagram with dimensions.

### 3.3 Installation Steps

1. Prepare the opening in the wall according to the fan's dimensions.

2. Insert the fan into the opening, ensuring the shutters face outwards.
3. Secure the fan to the wall using appropriate screws (screws are not included and must be purchased separately based on your wall material).
4. Connect the pre-wired 6-foot power cord to a suitable power outlet (120 Volts).



Figure 5: Back view of the fan, showing the fan blades and protective grille.

## 4. OPERATING INSTRUCTIONS

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The VENTISOL exhaust fan is designed for simple operation. Once properly installed and connected to power, it will begin to operate.

### 4.1 Automatic Shutters

The fan features automatic gravity shutters. When the fan is turned on, the airflow will push the shutters open. When the fan is turned off, the shutters will automatically close, providing protection from external elements like rain and debris.

### 4.2 Airflow and Ventilation

The fan provides a powerful airflow of up to 1950 CFM, effectively exhausting stale air, removing floating dust, and venting unpleasant odors. This helps to circulate fresh air and maintain a comfortable environment.

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Video 2: Demonstration of the Exhaust Shutter Fan's operation and features.

**POWERFUL EXHAUST**  
Quickly Exhausts Indoor Air To Keep The Air  
Fresh And Unobstructed

**1700** CFM

**860 SQF**  
Applicable space

Figure 6: Illustration of powerful exhaust capabilities.

# HIGH PERFORMANCE



Exhaust Cloudy Air



Remove Floating Dust



Take Away Hot & Stale Air



Vent Unpleasant Odors

Figure 7: High performance features of the fan.

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Video 3: Visual demonstration of the 14-inch exhaust fan's air movement.

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Video 4: Another demonstration of the 14-inch shutter exhaust fan's functionality.

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Video 5: A short clip showcasing the shutter exhaust fan in action.

## 5. MAINTENANCE

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

- **Cleaning:** Periodically clean the fan blades and shutters to prevent dust and debris buildup, which can reduce efficiency. Use a soft cloth and mild detergent if necessary. Ensure the fan is disconnected from power before cleaning.
- **Inspection:** Regularly check the fan blades, motor, and housing for any signs of wear, damage, or loose connections. Ensure the steel wire guards are intact.
- **Lubrication:** The motor is fully enclosed and sealed, typically not requiring lubrication. Refer to the motor specifications for any specific lubrication requirements if applicable.

## 6. TROUBLESHOOTING

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If you encounter issues with your VENTISOL exhaust fan, refer to the following common troubleshooting steps:

Problem	Possible Cause	Solution
Fan does not turn on	No power supply	Check if the power cord is securely plugged in and the outlet is functional. Check circuit breaker.
Low airflow	Blocked intake/exhaust or dirty blades	Clear any obstructions from the fan's intake or exhaust path. Clean fan blades and shutters.
Unusual noise or vibration	Loose components or foreign objects	Inspect for loose screws or foreign objects caught in the blades or grille. Ensure the fan is securely mounted.
Shutters not opening/closing properly	Obstruction or damage to shutters	Check for debris or damage preventing the shutters from moving freely. Clean or adjust as needed.

## 7. SPECIFICATIONS

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Detailed technical specifications for the VENTISOL 14 Inch Shutter Exhaust Fan (Model G-14EF):

Feature	Specification
Brand	VENTISOL
Model Name	G-14EF
Color	Black
Electric Fan Design	Exhaust Fan
Power Source	AC
Product Dimensions (D x W x H)	14.96"D x 14.96"W x 11.85"H
Room Type	Attic, Garage, Kitchen
Special Feature	Exhausting
Recommended Uses	Exhausting, Ventilating, Cooling, Air Circulation
Wattage	55 watts
Number of Blades	3
Air Flow Capacity	1950 Cubic Feet Per Minute (CFM)
Speed	1590 RPM
Voltage	120 Volts
Item Weight	10.8 Pounds
Included Components	Cord
Indoor/Outdoor Usage	Indoor
Blade Material	Aluminum

## 8. WARRANTY AND SUPPORT

For information regarding product warranty, please refer to the documentation provided with your purchase or contact VENTISOL-USA directly. Additional protection plans may be available for purchase to extend coverage beyond the standard warranty period.

For customer support, technical assistance, or inquiries about replacement parts, please contact the seller, VENTISOL-USA, through their official channels or the platform where the product was purchased.