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› HG Power 6 Inch Reversible Exhaust Fan (Model SX150M) User Manual

HG Power SX150M

HG Power 6 Inch Reversible Exhaust Fan (Model SX150M) User Manual

Model: SX150M | Brand: HG Power

1. INTRODUCTION

This manual provides detailed instructions for the installation, operation, and maintenance of your HG Power 6-inch reversible exhaust fan, Model SX150M. Please read this manual thoroughly before using the product to ensure safe and efficient operation. Keep this manual for future reference.



Image 1.1: The HG Power 6-inch reversible exhaust fan with its remote control, illustrating its compact design and two-way airflow capability.

2. SAFETY INFORMATION

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

- Read all instructions before installing or servicing this fan.
- Installation work and electrical wiring must be done by qualified person(s) in accordance with all applicable codes and standards, including fire-rated construction codes and standards.
- Use this unit only in the manner intended by the manufacturer. If you have questions, contact the manufacturer.
- Before servicing or cleaning the unit, switch power off at the service panel and lock the service disconnecting means to prevent power from being switched on accidentally.
- Do not use this fan with any solid-state speed control device unless specifically approved for use with this fan.

- This fan is designed for general ventilating use only. Do not use to exhaust hazardous or explosive materials and vapors.
- Always wear safety glasses and gloves during installation and maintenance.

3. PACKAGE CONTENTS

Verify that all components are present and undamaged:

- 1 x HG Power 6-inch Exhaust Fan
- 1 x User Manual (this document)
- 2 x Mesh Screens
- 1 x 6.56 Feet Long Power Cord (attached to fan)
- 1 x Remote Control
- Mounting Screws (typically included with hardware)

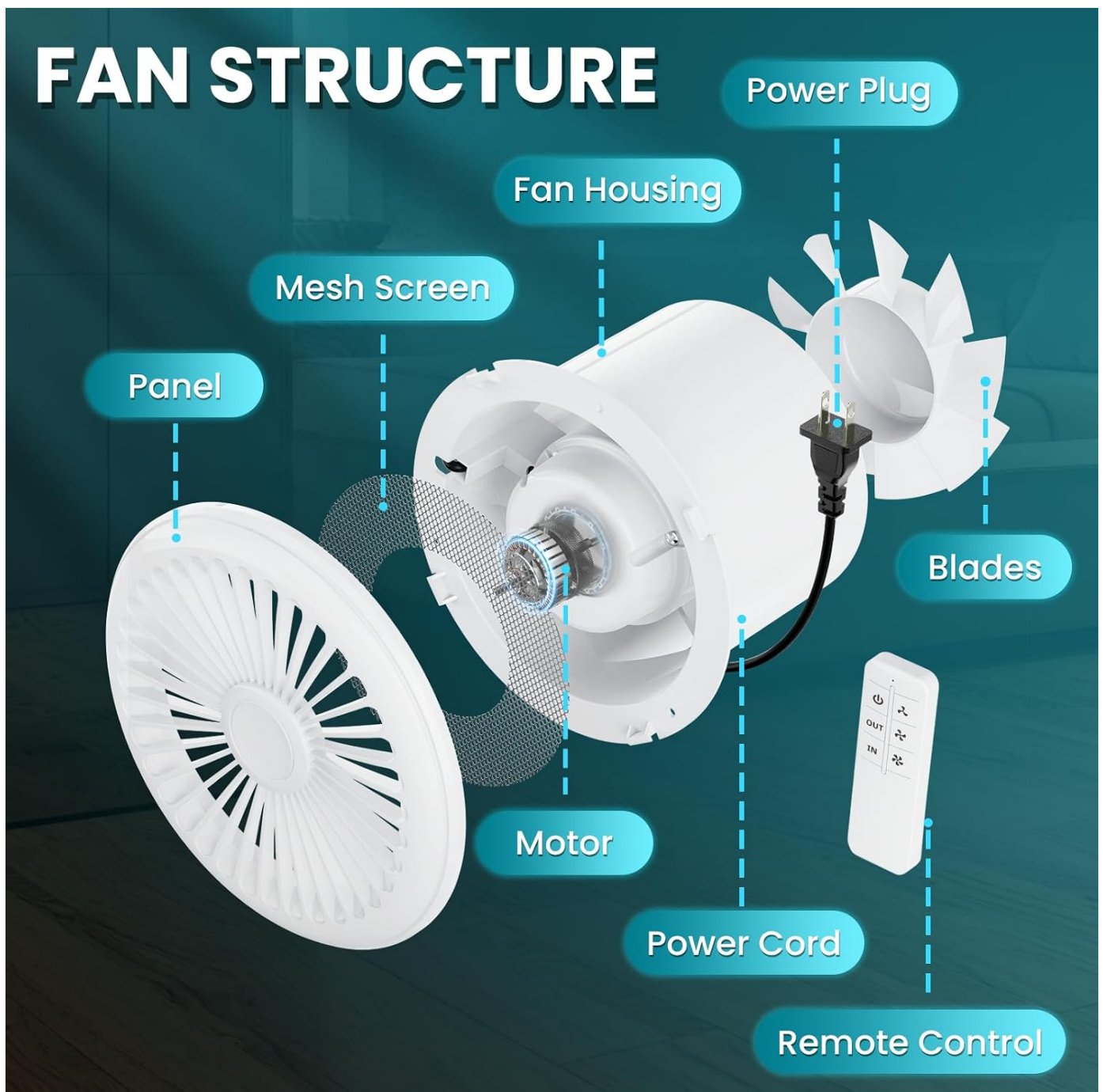


Image 3.1: Exploded view illustrating the fan's components, including the panel, mesh screen, fan housing, motor, blades, power cord,

power plug, and remote control.

4. PRODUCT FEATURES

The HG Power 6-inch reversible exhaust fan is designed for versatile ventilation, offering several key features:

- **Two-Way Airflow:** Capable of both exhausting stale air out and drawing fresh air in.
- **Three Fan Speeds:** Adjustable speeds (Low, Medium, High) for varying ventilation needs and noise levels.
- **Remote Control:** Convenient wireless control for power, speed, and direction.
- **Protective Mesh Screens:** Integrated screens prevent debris from entering the fan.
- **Durable Construction:** Made from ABS plastic for longevity.
- **DC Inverter Motor:** Features a 100% pure copper motor for efficient and quiet operation.
- **Memory Function:** Retains the last operating state (speed and direction) when powered off and on.



Image 4.1: Visual representation of the fan's two-way airflow capability and three-speed settings, highlighting remote control functionality.



Image 4.2: Diagram showing how the fan can exhaust stale air from indoors and draw fresh air from outdoors, improving air quality.

5. INSTALLATION INSTRUCTIONS

Follow these steps for proper installation of your exhaust fan. Ensure power is disconnected before beginning installation.

1. **Prepare the Opening:** Make a round hole with a diameter of approximately 5.9 inches (150mm) on the wall or ceiling where the fan will be installed.
2. **Secure the Fan Housing:** Insert the fan housing into the prepared opening. Secure the vent fan to the wall using appropriate screws. Ensure it is firmly mounted.
3. **Install Mesh Screens and Panel:** Install the mesh screens (if not pre-installed) and then attach the decorative front panel to the fan housing.
4. **Connect Power:** Plug the fan's power cord into a standard 110V AC outlet.
5. **Test Operation:** Use the remote control to test the fan's functions (power, speed, direction).

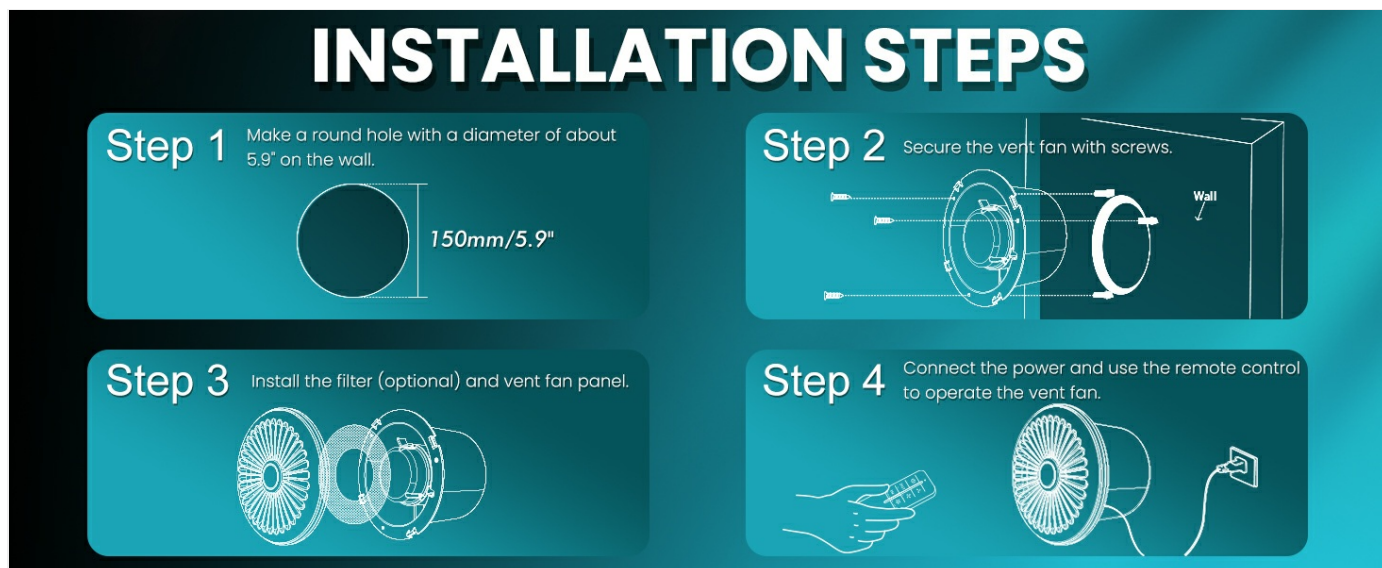


Image 5.1: Step-by-step visual guide for installing the exhaust fan, from creating the wall opening to connecting power and testing.

Note: For optimal performance and safety, ensure the installation location allows for proper airflow and is free from obstructions. Consult a qualified electrician if you are unsure about electrical connections.

6. OPERATING INSTRUCTIONS

The HG Power exhaust fan is operated using the included remote control.

6.1 Remote Control Functions



Image 6.1: The remote control unit for the exhaust fan, showing its buttons.

- **Power Button ():** Turns the fan ON or OFF.
- **Speed Adjustment Button (⚙️):** Cycles through Low, Medium, and High fan speeds.
- **OUT Button (→ OUT):** Sets the fan to exhaust mode, drawing air out of the room.
- **IN Button (IN ←):** Sets the fan to intake mode, drawing fresh air into the room.

6.2 Speed Settings

- **Low Speed:** For quiet, continuous ventilation and minimal air exchange.
- **Medium Speed:** Balances energy efficiency with consistent airflow.
- **High Speed (Turbo):** Provides maximum airflow for rapid air exchange, such as removing moisture or strong odors.



Image 6.2: Illustration of how the fan can control air circulation within a building, directing fresh air in or stale air out.

7. MAINTENANCE

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

- **Cleaning the Fan:**
 - a. Disconnect power to the fan at the circuit breaker before cleaning.
 - b. Carefully remove the front panel and mesh screens.
 - c. Wipe the fan blades, housing, and screens with a soft, damp cloth. Do not use abrasive cleaners or solvents.
 - d. Ensure all parts are dry before reassembling and restoring power.
- **Mesh Screen:** The mesh screens are designed to inhibit debris. Clean them periodically to maintain airflow efficiency.

FILTER DESIGN

The filter in the exhaust fan efficiently traps and removes pollutants.

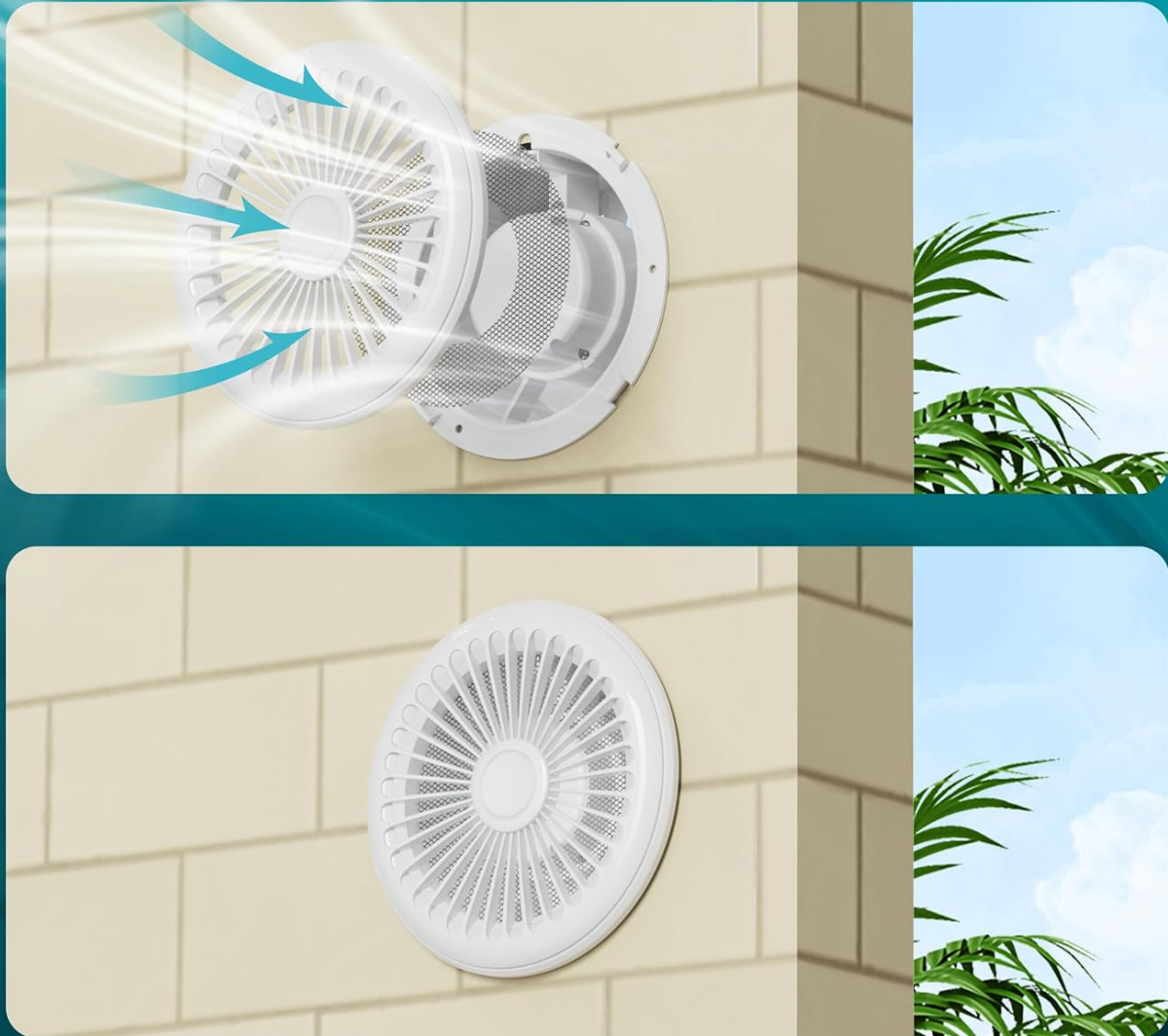


Image 7.1: The fan's filter design, demonstrating how the mesh screen traps pollutants and allows for easy cleaning.

8. TROUBLESHOOTING

If you encounter issues with your HG Power exhaust fan, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
Fan does not turn on.	No power, remote control battery low, or fan unplugged.	Check power connection, replace remote battery, ensure fan is plugged in. Check circuit breaker.
Fan is noisy.	Debris in fan blades, loose mounting, or operating on high speed.	Clean fan blades and mesh screens. Ensure fan is securely mounted. Reduce fan speed if noise is excessive on high.

Problem	Possible Cause	Solution
Poor airflow.	Blocked intake/exhaust, dirty mesh screens, or fan operating on low speed.	Clear any obstructions. Clean mesh screens. Increase fan speed.
Remote control not working.	Battery depleted, remote out of range, or signal obstruction.	Replace remote battery. Ensure remote is within operating range and pointed towards the fan. Remove any obstructions between remote and fan.

9. TECHNICAL SPECIFICATIONS

Feature	Detail
Brand	HG Power
Model Name	6 Inch Reversible Exhaust Fan
Item Model Number	SX150M
Electric Fan Design	Exhaust Fan
Style	Two Way (Exhaust & Intake)
Product Dimensions	4"D x 8"W x 8"H
Blade Length	6 Inches
Number of Blades	7
Power Source	AC
Voltage	110 Volts (AC)
Wattage	40 watts
Air Flow Capacity	310 Cubic Meters Per Hour (approx. 182 CFM)
Speed	2100 RPM (up to 2300 RPM)
Noise Level	35 Decibels
Control Method	Remote Control
Special Feature	Reversible
Included Components	Fan, User Manual, 2 Mesh Screens, Power Cord, Remote
Indoor/Outdoor Usage	Indoor, Outdoor
Item Weight	2.09 pounds (0.95 Kilograms)
Specification Met	IP44

Note on Airflow and Speed: The specifications provided in the product data list 310 Cubic Meters Per Hour for Air Flow Capacity and 2100 RPM for Speed. An accompanying image (Image 9.1) indicates 182 CFM and 2300 RPM. These values are consistent as 310 CMH is approximately 182 CFM. The RPM difference might be due to maximum versus

typical operating speed.



Image 9.1: Detailed specifications and dimensions of the HG Power 6-inch exhaust fan.

10. WARRANTY AND SUPPORT

For warranty information or technical support, please refer to the contact details provided with your purchase documentation or visit the official HG Power website. Keep your purchase receipt as proof of purchase for any warranty claims.

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