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› atomberg Renesa 1200mm BLDC Ceiling Fan Instruction Manual

atomberg Renesa

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Model: Renesa (GORRSA1200MB)

1. PRODUCT OVERVIEW

The atomberg Renesa 1200mm BLDC Ceiling Fan is designed for energy efficiency and high air delivery. It features a Brushless Direct Current (BLDC) motor, remote control operation, and smart modes for enhanced comfort. This fan is BEE 5-star rated, indicating significant energy savings.



Image 1.1: The atomborg Renesa 1200mm BLDC Ceiling Fan, Midnight Black.

RENESA



Comfort
in a click



65% Electricity
saving



Superior
air delivery



Sleek design

Image 1.2: Overview of the atomberg Renesa fan highlighting key features like remote control, electricity saving, superior air delivery, and sleek design.



Image 1.3: The atomberg Renesa fan demonstrating air delivery in a room, indicating high RPM and CMM for effective cooling.

2. IMPORTANT SAFETY INFORMATION

Please read and understand all safety instructions before installing, operating, or maintaining this ceiling fan. Failure to follow these instructions may result in electric shock, fire, or personal injury.

- Always disconnect power at the main circuit breaker before attempting any installation, repair, or cleaning.
- Installation should be performed by a qualified electrician in accordance with all local electrical codes.
- Ensure the mounting structure can support the weight of the fan (approximately 3.4 kg) plus the dynamic load during operation.
- Do not insert objects into the path of the fan blades while the fan is operating.
- Keep children and pets away from the fan during operation and maintenance.
- Ensure all connections are secure and properly insulated to prevent electrical hazards.

3. PACKAGE CONTENTS

Verify that all components are present in the package before beginning installation:

- 1 Blade set
- 1 Remote control
- 1 Motor box
- 2 Canopies
- 1 Downrod
- 1 Shackle kit
- Warranty card

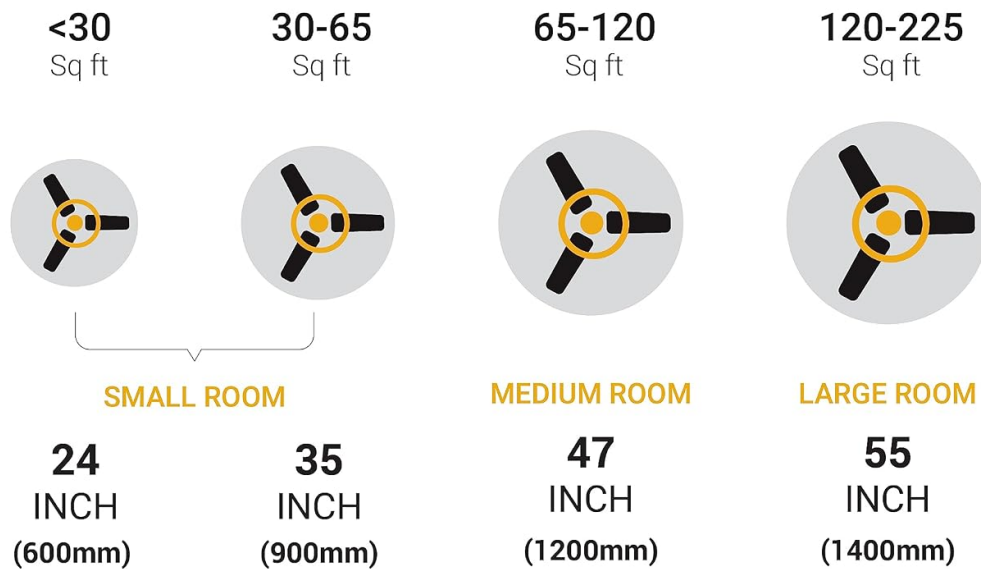
4. SETUP AND INSTALLATION

Professional installation by a qualified electrician is highly recommended to ensure safety and proper functioning.

1. **Power Disconnection:** Before beginning any installation, ensure the main power supply to the installation area is turned off at the circuit breaker.
2. **Mounting Bracket Installation:** Securely attach the mounting bracket to a ceiling joist or a suitable electrical junction box capable of supporting the fan's weight. Use appropriate hardware.
3. **Downrod and Motor Assembly:** Insert the downrod through the canopy and motor housing. Secure the downrod to the motor with the provided pin and clip. Carefully route electrical wires through the downrod.
4. **Hanging the Fan:** Lift the fan assembly and hang it from the mounting bracket using the provided hook or ball-and-socket mechanism. This allows for hands-free wiring.
5. **Electrical Connections:** Connect the fan's electrical wires to the household wiring according to local electrical codes. Ensure all connections are secure and insulated. Refer to the wiring diagram in the full user manual (PDF) for detailed instructions.
6. **Blade Attachment:** Attach the fan blades to the motor hub using the provided screws. Ensure all blades are securely fastened.
7. **Canopy Installation:** Slide the canopy up to the ceiling and secure it to cover the wiring connections and mounting bracket.
8. **Power Restoration and Testing:** Restore power at the circuit breaker. Test the fan's operation using the remote control.

Why is 'sweep size' important?

Sweep size is the entire diameter of the blades. A ceiling fan's air delivery is generally proportional to its sweep size. The larger your room, the larger the sweep size that you need*



*For room sizes greater than 225 sq ft two or more fans are recommended

Image 4.1: Understanding sweep size and its importance for room coverage. The 1200mm fan is suitable for medium to large rooms.

5. OPERATING INSTRUCTIONS

5.1 Remote Control Functions

The atomberg Renesa fan is operated via a dedicated remote control. It features buttons for power, speed adjustment, boost mode, timer, sleep mode, and LED light control. The remote operates effectively up to a distance of 20 feet.



Image 5.1: The remote control for the atomberg Renesa fan, showing buttons for Boost mode, Timer mode, Sleep mode, and LED lights.

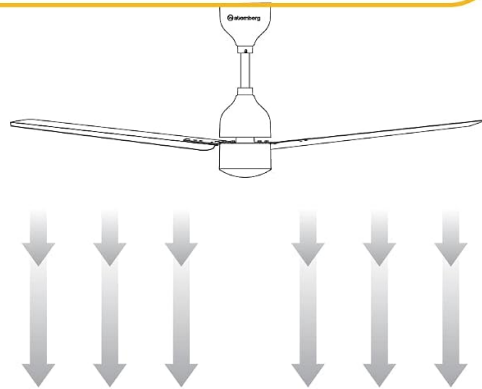
5.2 Speed Control

The fan offers 6 distinct speed settings. Use the '+' and '-' buttons on the remote to increase or decrease the fan speed. The LED indicators on the fan will reflect the current speed setting.

5.3 Special Modes

- **Boost Mode:** Press the 'Boost' button to activate the fan at its highest speed (Speed 6) for maximum air delivery when rapid cooling is desired.
- **Timer Mode:** Use the 'Timer' button to set a specific duration (e.g., 1 hour, 2 hours) after which the fan will automatically turn off.
- **Sleep Mode:** Activate 'Sleep' mode for comfortable sleeping conditions. In this mode, the fan's speed gradually decreases over time, typically reducing by one level every two hours.
- **LED Light Control:** The 'LED' button controls the integrated LED light on the fan.

Power consumption at each speed



	Speed	Wattage (W)
● ● ● ● ● ●	1	3
● ● ● ● ● ●	2	7
● ● ● ● ● ●	3	12
● ● ● ● ● ●	4	18
● ● ● ● ● ●	5	28
	Boost Speed	35

Image 5.2: Power consumption (Wattage) at each of the 6 fan speeds, demonstrating energy efficiency.

6. MAINTENANCE

Regular maintenance ensures optimal performance and longevity of your fan.

- **Cleaning:** Periodically clean the fan blades and motor housing with a soft, dry cloth to remove dust accumulation.
- **Avoid Liquids:** Do not use water or any liquid cleaners directly on the fan. Harsh chemicals or abrasive materials can damage the finish and electrical components.
- **Blade Balance:** If the fan wobbles, check that all blade screws are tight and that the blades are not bent or damaged.
- **Power Disconnection:** Always ensure the power supply is disconnected before cleaning or performing any maintenance.

7. TROUBLESHOOTING

For detailed troubleshooting steps and solutions to common issues, please refer to the official [Troubleshooting Guide \(PDF\)](#).

Common Issues and Solutions:

- **Fan Does Not Start:** Check if the main power supply is on. Ensure the remote control batteries are functional and correctly inserted. Verify all electrical connections are secure.
- **Low Air Delivery:** Ensure the fan blades are clean and correctly installed. Check for any obstructions around the fan. Verify that the fan speed setting is appropriate.
- **Remote Control Not Responding:** Replace the remote control batteries. Ensure there are no obstructions between the remote and the fan's receiver. If necessary, re-pair the remote with the fan (refer to the full user manual for pairing instructions).
- **Unusual Noise:** Check that all mounting screws and blade screws are tight. Ensure the blades are not damaged or bent.

8. TECHNICAL SPECIFICATIONS



Image 8.1: Diagram illustrating the components of a BLDC motor, highlighting its energy-efficient design.

Feature	Specification
Brand	atomberg

Feature	Specification
Model Name	Renesa
Model Number	GORRSA1200MB
Colour	Midnight Black
Electric Fan Design	Ceiling Fan
Power Source	Corded Electric
Product Dimensions	59D x 25W x 23H Centimeters
Room Type	Bedroom, Dining Room, Living Room, Office
Special Features	Inverter Compatible, LED Light, Remote Controlled
Mounting Type	Downrod Mount
Controller Type	Remote Control
Number Of Speeds	6
Wattage	35 Watts (at Speed 5)
Number of Blades	3
Air Flow Capacity	235 Cubic Meters Per Minute
Speed	360 RPM
Voltage	220 Volts
Indoor Outdoor Usage	Indoor
Material Type	Aluminium
Blade Length	48 Inches (1200mm)
Item Weight	3.4 Kilograms

9. WARRANTY INFORMATION

The atomberg Renesa 1200mm BLDC Ceiling Fan comes with a standard one-year manufacturer's warranty. An additional one-year warranty can be availed by registering your purchase on the Atomberg website, totaling a 3-year manufacturer warranty.

10. CUSTOMER SUPPORT

For any assistance, technical support, or warranty claims, please contact Atomberg Technologies Pvt Ltd.

- **Customer Care Email:** support@atomberg.com
- **Customer Care Phone:** 08448449442
- **Manufacturer Address:** Atomberg Technologies Pvt Ltd, Mind Space Shelters LLP/ Vithai Developers LLP, Gat No. 51-59, Village Bhamboli, Chakan, Pune, Maharashtra-410507.

