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Atomberg Renesa 1200mm BLDC Ceiling Fan

User Manual - Model: Renesa

1. INTRODUCTION AND OVERVIEW

The Atomberg Renesa 1200mm BLDC Ceiling Fan is designed for superior air delivery and energy efficiency. Featuring a Brushless DC (BLDC) motor, this 5-star rated fan significantly reduces electricity consumption while providing consistent airflow. It comes equipped with a smart IR remote for convenient control of speed, boost mode, timer, and sleep mode. Its sleek design with integrated LED indicators enhances any room's decor.



Figure 1: Atomberg Renesa 1200mm BLDC Ceiling Fan (Gloss White) with its remote control. This image shows the fan's three blades and central motor housing, along with the compact remote.

2. SAFETY INFORMATION

- Always ensure the main power supply is disconnected before installation, cleaning, or maintenance.
- Installation must be performed by a qualified electrician or service professional.
- Do not insert fingers or any objects into the fan blades while the fan is operating.
- Ensure the fan is securely mounted to a ceiling joist or a suitable support structure capable of holding the fan's weight.
- Keep the remote control away from water and extreme temperatures.
- This appliance is not intended for use by persons (including children) with reduced physical, sensory or mental capabilities, or lack of experience and knowledge, unless they have been given supervision or instruction concerning use of the appliance by a person responsible for their safety.

3. PACKAGE CONTENTS

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

- Motor Box (contains the fan motor assembly)
- Blade Box (contains the three fan blades)
- Remote Control
- Canopies (upper and lower)
- Warranty Card
- Mounting Hardware (screws, bolts, etc. - typically included with the motor box)

4. SETUP AND INSTALLATION

The Atomberg Renesa fan is designed for straightforward installation. For optimal safety and performance, it is highly recommended to have the fan installed by a certified professional. Doorstep installation services can be initiated through Urban Company or directly via Atomberg's customer support.

4.1 Pre-Installation Checklist

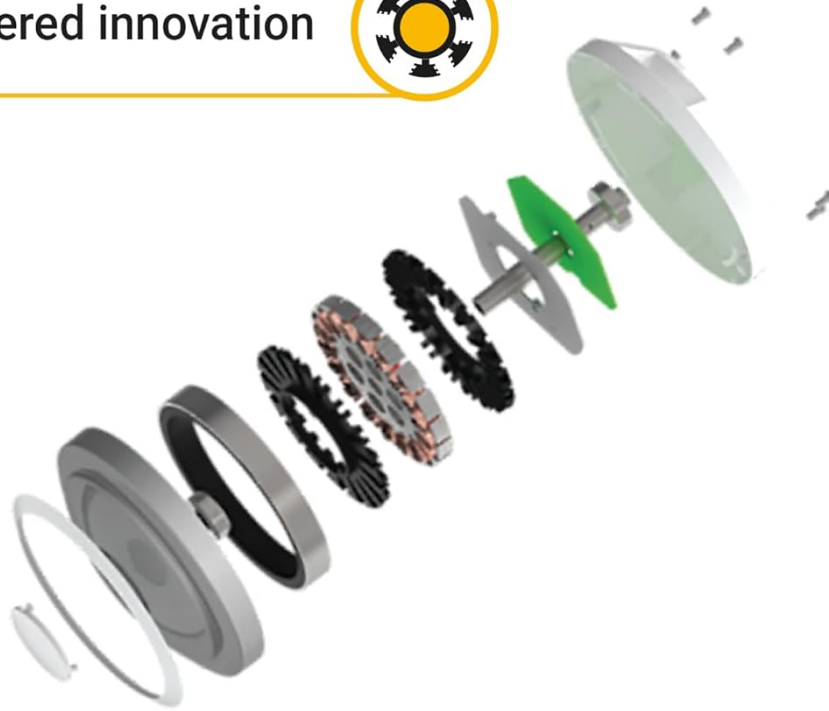
1. Ensure the power supply to the installation area is turned off at the main circuit breaker.
2. Confirm the ceiling structure can support the fan's weight (approximately 3.4 kg).
3. Gather necessary tools: screwdriver set, wire strippers, electrical tape, ladder.

4.2 Installation Steps (General Guide)

While professional installation is advised, the general steps involve:

1. **Mounting the Bracket:** Securely attach the mounting bracket to the ceiling junction box or a reinforced ceiling support.
2. **Wiring:** Connect the fan's electrical wires to the household wiring according to local electrical codes. Ensure all connections are secure and insulated.
3. **Assembling the Fan:** Attach the downrod (if applicable) to the motor housing, then slide the canopies into place.
4. **Hanging the Fan:** Carefully lift the fan assembly and hang it onto the mounting bracket.
5. **Attaching Blades:** Securely fasten each of the three fan blades to the motor housing using the provided screws.
6. **Final Checks:** Ensure all connections are tight and the fan is stable before restoring power.

BLDC-powered innovation



Runs 3x longer
on an inverter



Consistent speed
even at low voltage



65% Electricity
saving



Figure 2: Exploded view of the BLDC motor, highlighting its advanced components that contribute to energy efficiency and consistent performance. This illustrates the core technology of the fan.

5. OPERATING INSTRUCTIONS

The Atomberg Renesa fan is operated using the included Smart IR Remote. Ensure the remote has working batteries and is pointed towards the fan's receiver for optimal functionality.

5.1 Remote Control Functions

Switch to convenience

Operable up to 20 ft.



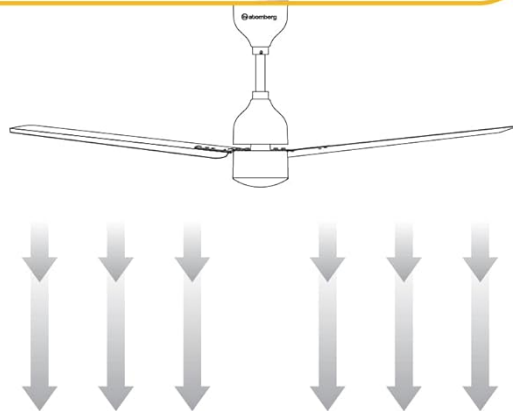
Figure 3: The Smart IR Remote for the Atomberg Renesa fan, showing buttons for power, speed control (1-5), Boost mode, Timer mode, LED light control, and Sleep mode.

- **Power Button (Red Circle):** Turns the fan On or Off.
- **Speed Control (1-5):** Adjusts the fan speed from 1 (lowest) to 5 (highest). The fan provides 6 power levels in total.
- **Boost Mode ('B' button):** Activates the fan at its maximum speed (equivalent to speed 6 or 35W) for rapid cooling.
- **Timer Mode (Clock icon):** Sets a timer for the fan to automatically turn off after a specified duration. Refer to the remote's specific instructions for setting the timer.
- **Sleep Mode (Moon icon):** Gradually decreases the fan speed by one level every two hours, providing comfortable sleep while saving energy.
- **LED Light Control (Lightbulb icon):** Toggles the integrated LED indicator lights on or off. These lights can serve as a night lamp.

5.2 Power Consumption at Each Speed

The BLDC motor ensures low power consumption across all speed settings:

Power consumption at each speed



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

Figure 4: Power consumption table illustrating the low wattage at different fan speeds, from Speed 1 (3W) to Boost Speed (35W).

Typical Power Consumption (Approximate)

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

6. MAINTENANCE

Regular maintenance ensures the longevity and efficient operation of your Atomberg Renesa fan.

- **Cleaning:** Dust accumulates on fan blades and motor housing. Regularly clean the fan with a soft, damp cloth. Ensure the fan is completely turned off and power is disconnected before cleaning. Do not use abrasive cleaners or solvents.
- **Blade Inspection:** Periodically check the fan blades for any signs of damage or bending. Damaged blades can cause imbalance and noise.
- **Tightness of Screws:** Over time, screws can loosen. Occasionally check and tighten all screws on the fan blades and mounting assembly.
- **No Lubrication Required:** The BLDC motor is designed for maintenance-free operation and does not require lubrication.

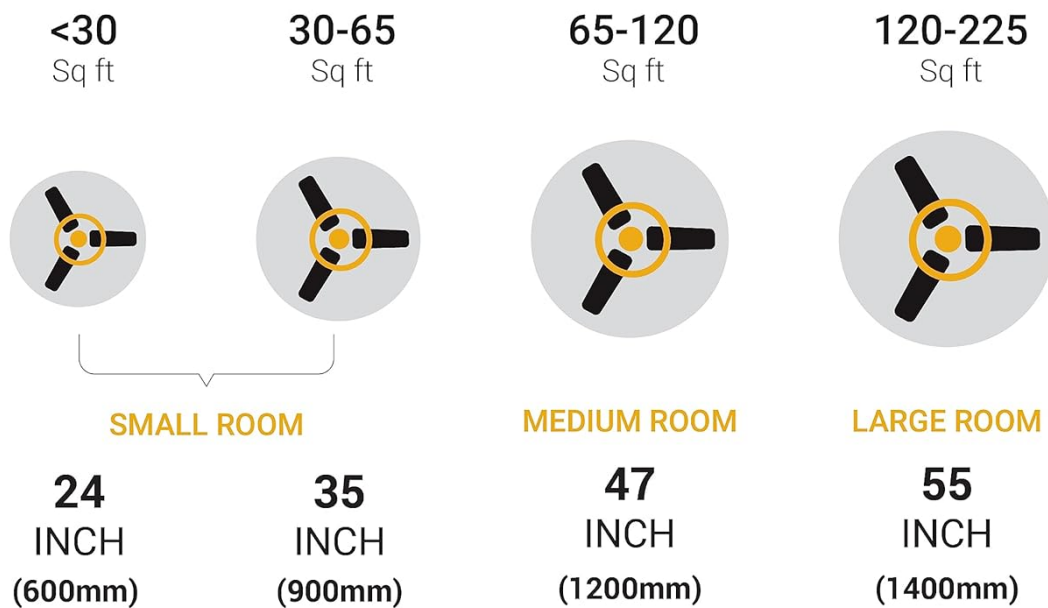
7. TROUBLESHOOTING

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

Problem	Possible Cause	Solution
Fan does not turn on.	No power supply; Remote battery low/dead; Remote not paired (though IR remotes don't typically pair, ensure line of sight); Loose wiring.	Check main power supply and circuit breaker. Replace remote batteries. Ensure clear line of sight to the fan's receiver. Check wiring connections (consult a professional if unsure).
Fan operates but air delivery is low.	Fan speed set too low; Room size too large for fan sweep; Obstructions.	Increase fan speed using the remote. Refer to sweep size guide (Figure 5) to ensure appropriate fan size for your room. Remove any obstructions.
Fan makes unusual noise.	Loose screws on blades or mounting; Bent blades; Internal motor issue.	Tighten all screws on blades and mounting. Inspect blades for damage and replace if necessary. If noise persists, contact customer support.
Remote control not responding.	Low/dead batteries; Obstruction between remote and fan; Remote out of range.	Replace batteries. Ensure direct line of sight to the fan. Operate within 20 ft range.

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

Figure 5: Sweep size guide. This diagram helps determine the appropriate fan size based on room area, ensuring effective air circulation.

8. SPECIFICATIONS

Feature	Detail
Brand	Atomberg
Model Name	Renesa
Colour	Gloss White
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

Feature	Detail
Special Feature	Remote Controlled
Recommended Uses	Cooling
Wattage	35 Watts (Max)
Finish Type	Gloss
Number of Blades	3
Air Flow Capacity	235 Cubic Metres per Minute (CMM)
Blade Length	48 Inches (1200mm)
Speed	360 RPM
Voltage	220 Volts
Switch Type	Remote
Item Weight	3.4 Kilograms
Indoor/Outdoor Usage	Indoor
Control Method	Remote
Light Type	LED
Blade Material	Aluminium
Efficiency	High Efficiency (BEE 5-star rated)
Number of Power Levels	6

9. WARRANTY AND SUPPORT

The Atomberg Renesa ceiling fan comes with a standard two-year warranty. An additional one-year warranty can be availed by registering your purchase on the official Atomberg website. Please retain your purchase receipt for warranty claims.

9.1 Warranty Registration

To avail warranty service, it is essential to register your product's barcode. You can register the barcode by visiting the official Atomberg website or by contacting their customer care.

9.2 Customer Support



For any queries, technical assistance, or warranty claims, please contact Atomberg Customer Care:

Email: support@atomberg.com

Phone/WhatsApp: 08448449442

For installation through Urban Company, you can book a visit via their app, which also allows for rescheduling and service tracking.

Related Documents - Renesa

	<p>Atomberg Renesa Pedestal Fan Assembly and Warranty Information</p> <p>This document provides assembly instructions and warranty details for the Atomberg Renesa Pedestal Fan. It includes a step-by-step guide for assembling the fan, product interface information, and comprehensive warranty registration and exclusion details.</p>
	<p>Atomberg Studio+ Ceiling Fan Instruction Manual</p> <p>Comprehensive instruction manual for the Atomberg Studio+ Ceiling Fan, covering installation, operation, troubleshooting, and maintenance. Features energy savings and remote control functionality.</p>