

Problem	Cause	Solution
Restart/speed variation	Regulator is not bypassed Blades have wrong sweep	Make sure the regulator is eliminated from the connection Check the sweep of the blades with the fan sweep before assembling

MAINTENANCE

Periodic cleaning of your ceiling fan is the only maintenance needed. When cleaning, use only a soft lint-free cloth or a brush to avoid scratching the smooth paint finish. You can use a moist cloth to remove stains if required. However, do not use water directly. Abrasive cleaning agents are not required and should be avoided to prevent damage to the outer finishing.



WARNING

- Do not use water when cleaning your ceiling fan. It could damage the motor by causing a short-circuit and create the possibility of an electrical shock.
- Do not bend the blades while cleaning. A bend in the blade may result in unstable fixing and affect air delivery.



Atomberg Technologies Pvt Ltd
Corporate office:

Rupa Solitaire, Office No. 1205, Millenium Business Park, Mahape, Navi Mumbai 400 710.
Maharashtra, India W: www.atomberg.com

Manufacturing unit

Plot No D-130 B, TTC Industrial Area, Shirawane, Navi Mumbai 400 706.



CEILING FAN RENESA SMART +

Works with **atomberg** App

IOT enabled

WORKS WITH
alexa

works with
Ok Google

Google is a trademark of Google LLC.



INSTRUCTION MANUAL

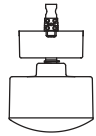
IMPORTANT NOTE:

Read this manual carefully before installing or operating your new Atomberg RENESA SMART+ Ceiling Fan. Ensure you save this manual for future reference.

Dear Customer,

Congratulations on purchasing ATOMBERG'S super-efficient RENESA SMART+ ceiling fan. Please read this guide before using this product. It would also be advisable to store this guide safely for future reference.

PACKAGE CONTENTS



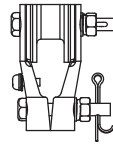
MOTOR



3 ALUMINIUM
BLADES



DOWN
ROD



SHACKLE
KIT



2
CANOPIES



REMOTE



MANUAL



WARRANTY
CARD



WARNING

- Do not install or use this fan if any part is damaged or missing.
- This product is designed to be used only with the parts or accessories supplied with this product and/or any accessories designed specially for use with this product by Atomberg. Any such use of other parts or accessories may turn the product warranty null and void, and may result in personal injury or property damage as well.

SAFETY INSTRUCTIONS

- Be careful of the fan and blades while cleaning, painting, or working near the fan. Always turn off the power to the ceiling fan before servicing.
- Do not put your hand or any other objects near the fan blades while the fan is running.
- Do not modify the blade design to change the air flow.



WARNING

- **Observe the following to reduce the risk of fire, electric shock or injury:** Only use this unit in the manner intended by Atomberg. If you have any questions regarding the product, please contact Atomberg.
- Before servicing or cleaning, switch off the main power panel and switch.
- Wiring of the fan must be done only by a qualified and certified electrician.

FEATURES

India's most energy-efficient RENESA SMART+ ceiling fan • More than 65% energy saving as compared to an ordinary fan • Highest service value (air delivery/power consumed) in India • Runs 3 times longer on inverter resulting in longer battery runtime • Smart sensorless algorithm for greater reliability • No heating of fan even after long hours of runtime, resulting in an extra-long life • Consistent speed even at low voltages • Easy speed controls using a smart remote • LED indications for easy remote use • TIMER mode automatically switches off the fan • SLEEP mode reduces the fan speed after a preset duration and saves energy • Full copper motor and double ball-bearing for better stability and longer life • Aluminum body and blade, resulting in zero rust • Zinc-plated parts and accessories for a rust-free life • Protective coating over electronics for better resistance against moisture • All fans are tested for durability under extreme conditions before shipping.

BIG ENERGY SAVINGS

Atomberg is India's most energy-efficient ceiling fan. A super-efficient BLDC motor technology is used, which consumes very little energy. Atomberg fans consumes just 1/3rd of the power used by ordinary induction fans. Ordinary induction fans run on 75watts, whereas Atomberg fans run on just 28watt at full speed.

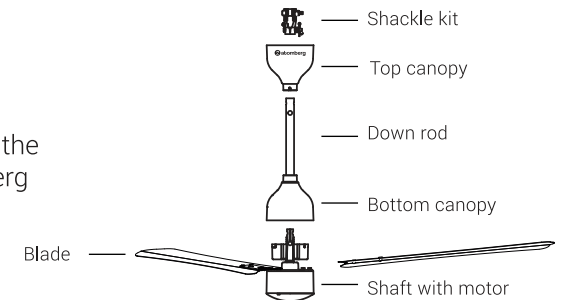
There is huge saving potential for households, and institutions such as hospitals, colleges, schools and commercial spaces.

INSTALLATION

Assembly:

Mandatory Step:

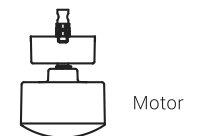
Bypass or eliminate the regulator from the connection before installing an Atomberg fan for optimal performance



The picture shown above depicts the exact order of placement of various parts.

Step 1.

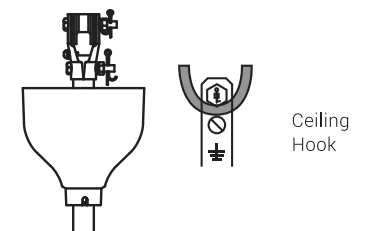
Carefully remove the motor from the box and keep it on soft padding to prevent it from getting scratched.



Motor

Step 2.

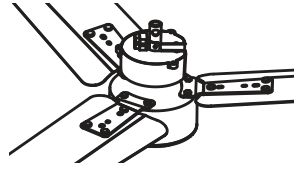
Insert the canopy into the shaft and securely attach the shackle to the hanger or ceiling hook using the screws provided with the package. Fasten the nut, and make sure that you fit the safety nut, washer and the R-pin to prevent slipping. Adjust the top canopy so that it covers both the assembly and the connection.



Ceiling
Hook

Step 3.

Align the holes on the blade shank with the motor holes. Securely fasten the blades with the screws and washer provided.



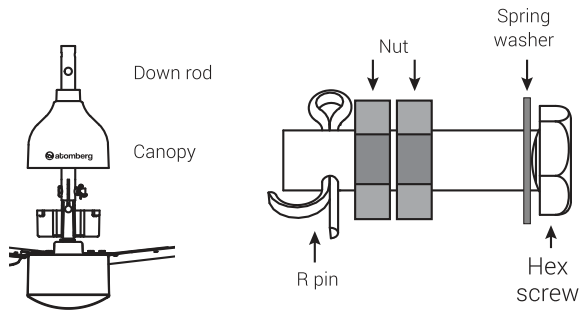
WARNING

- If the blades are not secured properly with the screws and the washer, it may cause injury during operation. Also, an imbalanced fan may cause damage to the motor and reduce the lifetime of the fan.
- Any damage caused by incorrect installation and wrong practices followed while connecting the fan are not covered under the warranty terms. Please check the warranty terms in detail.
- Do not turn on the fan until the blades are securely fastened to the ceiling fan.

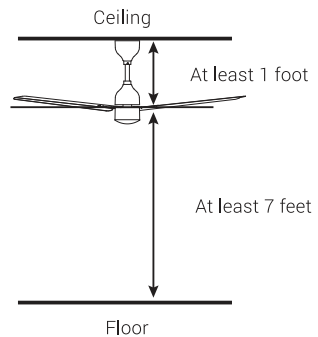
HOW TO HANG THE FAN

Step 4.

Insert the screw to assemble the shaft and the down rod. Insert the washer, nut and R-Pin in the sequence depicted in the illustration below. Pull down the canopy to cover the PCB box.



Step 5.

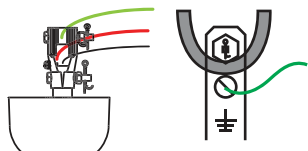


WARNING

- The fan blade must be hung with at least 1 foot of clearance from the ceiling for optimal performance and safety.
- Any object next to the fan must be at least 2 feet away from the tip of the fan blade to reduce chances of risk or injury.
- The fan must be hung with at least 7 feet of clearance from the floor to the blades.

ELECTRICAL WIRING INSTRUCTIONS

Step 6.



Make the correct wire connections to operationalise the fan. Adjust the canopy as required.

Color codes of the wires may vary from region to region. Please check your state or country notifications regarding the same.



WARNING

- Any connection to wires must be securely sealed using electrical insulation tape to prevent electric shocks or fire hazard.
- Avoid pinching of wires between the shackle kit, down rod and ceiling hook assembly to prevent electric shocks or fire hazard.

USING YOUR CEILING FAN

Congratulations! You have successfully installed your new ceiling fan using the instructions provided in this guide.

- 1 Restore the electrical power.
- 2 Power 'ON' the ceiling fan using the switch on the panel in the room. The LED indicator flashes 'ON' when power supply is restored.



WARNING

The performance of the fan gets affected if the regulator is not bypassed, and may lead to speed variations, restarting or low speed. Eliminate regulators by using a direct connection from the switch to the fan.

- 3 Use your remote to operate the ceiling fan.
- 4 If you are leaving the room or facility for a long duration or a holiday, then power 'OFF' the ceiling fan using the switch on the panel.

HOW TO USE YOUR REMOTE

The remote provided along with your ceiling fan is ergonomically designed. The soft controls on the remote are long-lasting.



- LED CONTROL
- SPEED CONTROL
- BOOST MODE
- TIMER MODE
- SLEEP MODE

Longlasting AAA batteries are used in the remote



WARNING

DO NOT use the fan regulator as the fan is operated using a remote. Eliminate the regulator by using a direct connection from the switch to the fan.

SLEEP mode adds smart comfort, as the temperature drops over the night and if you wish to auto-reduce the speed.

With TIMER mode, you can switch off the fan automatically after set hours to further save energy.

Remote key	Function	Description	LED status
Power	ON /OFF	Switches on the fan	Indicates speed and turns off the fan
		Switches off the fan, Timer & Sleep mode resets	Will get switched off after the OFF pattern

Speed+	Fan speed control	Speed increases	Number of 'ON' LEDs
Speed -		Speed decreases	

For eg: One LED 'ON' indicates a speed of 1 (lowest speed) and so on

Boost	Boost mode	Boost mode speed	LEDs blink thrice
Timer	Timer mode	Fan automatically switches OFF or ON after the set hours (1,2,3,6)	Number of ON LEDs indicates the number of hours set. Blinks twice.
Sleep	Sleep mode	After every two hours, the speed will reduce by one step. Speed will not reduce below 1. Afterwards, the fan continues to run on a reduced constant speed	Four LEDs blink twice. But in LED 'OFF' mode, the blink indication will be off.

LED	LED control	Turn ON/OFF LEDs.	All six LEDs will turn ON/OFF.
-----	-------------	-------------------	--------------------------------

CONTROLLING THE FAN'S SPEED WITHOUT THE REMOTE

The fan's main switch can be used to control its speed. Turn the fan's switch OFF and ON repeatedly to set the fan to the desired speed. Delay between toggling between the OFF and ON buttons should be approximately 1 second. If toggling is too fast or too slow, it will not work. While toggling, the LEDs will glow to indicate the speed of the fan. Refer to the below table to control the fan using the switch.

Toggle (Turn switch OFF and ON)	Speed	Descriptions	LED status
1 time	Previous speed	Fan runs at the same speed	No indication
2 times	Speed 1	Lowest speed 1	1 LED will glow and turn off after 1 second.
3 times	Speed 2	Speed 2	2 LEDs will glow and turn off after 1 second.
4 times	Speed 3	Medium speed 3	3 LEDs will glow and turn off after 1 second.
5 times	Speed 4	Speed 4	4 LEDs will glow and turn off after 1 second.
6 times	Speed 5	High speed 5	5 LEDs will glow and turn off after 1 second.
7 times	Boost	Boost mode speed	6 LEDs will glow and turn off after 1 second.

TROUBLESHOOTING

Your ceiling fan is designed to be longlasting with a strong body and well-tested electronics. However if any problem arises, please refer to the guidelines shared. Please contact a local electrician or service engineer if you need any help.

Problem	Cause	Solution
Fan does not start	Fuse down / MCB shut off	Check fuse of the MCB on the mains.
	Loose wire connection to fan or to the switch on the panel	Check the wire connection and restore the connection
	Fan still does not start	Please contact the service number provided.
Fan making noises	Regulator is connected to the fan	It is recommended that the regulator should not be connected to this ceiling fan and it is instead controlled using the remote provided with it.
	Bearing inside the housing has problems	This ceiling fan is designed to be longlasting. However, after many years of use, the bearing may wear off and may need to be replaced.
	Fan blades are not seated properly on the motor	Make sure the blades are properly fastened to the body. Loose connection may cause accidents.
Fan is wobbling	Shackle kit rattling	Make sure that the screws and nuts are securely fastened along with washer provided.
	Nut holding motor shaft and the down rod is loose	Securely fasten the nut and bolts along with washers as per the instructions provided in this manual.
Fan is wobbling	Nut holding down rod and shackle kit is loose	Securely fasten the nut and bolts along with washers as per the instructions provided in this manual.
	Screws in the shackle kit and the ceiling hook are loose	Securely fasten the nut and bolts along with washers as per the instructions provided in this manual.
Fan is wobbling	Fan blades are not seated properly on the motor	A common mistake is fixing the blades in the reverse direction. Please set it right, and securely fasten the screws.
	Fan blades are out of balance	Make sure that the blades are not bent during cleaning. Also, interchanging them helps balance the blades.