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› atomberg Ikano 1200mm BLDC Ceiling Fan User Manual

atomberg Ikano

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Model: Ikano 1200mm | Brand: atomberg

1. INTRODUCTION

Thank you for choosing the atomberg Ikano 1200mm BLDC Ceiling Fan. This fan is designed for energy efficiency and high air delivery, featuring a remote control and LED indicators. Please read this manual carefully before installation and operation to ensure safe and optimal performance.



Figure 1: atomberg Ikano 1200mm BLDC Ceiling Fan (Gloss Black)

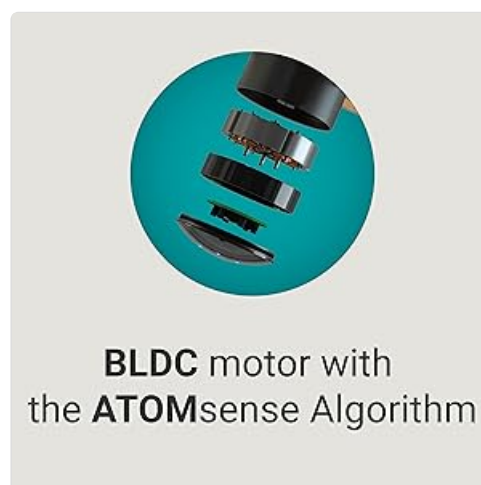


Figure 2: BLDC Motor with ATOMsense Algorithm

2. SAFETY INFORMATION

Always follow basic safety precautions when installing, operating, and maintaining electrical appliances to reduce the risk of fire, electric shock, and personal injury.

- Ensure the power supply is disconnected before installation or maintenance.
- Installation must be performed by a qualified electrician in accordance with local wiring regulations.
- Mount the fan securely to a ceiling joist or a structure capable of supporting the fan's weight.
- Ensure fan blades are at least 2.3 meters (7.5 feet) from the floor and 0.5 meters (1.6 feet) from any wall or obstruction.
- Do not insert objects into the path of the rotating blades.
- Keep children away from the fan during operation.

3. PACKAGE CONTENTS

Verify that all components are present 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 is recommended for the atomberg Ikano ceiling fan. You can arrange for doorstep installation through Urban Company or directly via Atomberg customer support.



Easy installation at your doorstep



Call on the toll free number - 844 844 9442



To book a visit, write to us at - support@atomberg.com

OR



Book an installation visit on the Urban Company App



Easy rescheduling and cancellation of service requests



Allows service tracking

Figure 3: Easy Installation Options

Installation Steps (Overview):

1. **Mounting Bracket Installation:** Secure the mounting bracket to the ceiling structure.
2. **Downrod and Motor Assembly:** Attach the downrod to the motor and route electrical wires.
3. **Wiring:** Connect the fan's electrical wires to the household wiring. Ensure correct polarity.
4. **Canopy Installation:** Slide the canopies up to cover the wiring and mounting bracket.
5. **Blade Attachment:** Securely attach the fan blades to the motor housing.
6. **Power On:** Restore power and test fan operation.

For detailed instructions, please refer to the installation guide provided in the fan packaging or contact Atomberg customer support.

5. OPERATING INSTRUCTIONS

The atomberg Ikano fan is operated using the included Smart IR Remote. The remote allows control from up to 20 feet without pairing.

Switch to the smart life

Operable up to 20 ft.



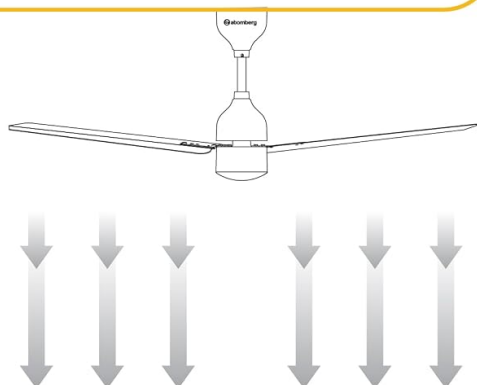
Figure 4: Smart IR Remote Control

Remote Control Functions:

- **Power On/Off:** Press the red power button to turn the fan on or off.
- **Speed Control:** Use buttons 1-5 to adjust fan speed. The fan has 6 speed levels.
- **Boost Mode:** Activates maximum speed for quick cooling.
- **Timer Mode:** Set the fan to turn off automatically after a specified duration.
- **Sleep Mode:** Gradually decreases fan speed every two hours for comfortable sleep.
- **LED Lights:** Controls the integrated LED indicators.

The fan maintains consistent speed even during voltage fluctuations between 165V-285V.

Power consumption at each speed



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

Figure 5: Power Consumption by Speed

6. MAINTENANCE

Regular maintenance ensures the longevity and efficient operation of your atomberg Ikano fan.

- **Cleaning:** Dust the fan blades and motor housing regularly with a soft, damp cloth. Do not use abrasive cleaners or solvents.
- **Blade Inspection:** Periodically check that all blade screws are tight. Loose blades can cause wobbling and noise.
- **Motor Lubrication:** The BLDC motor is designed for maintenance-free operation and does not require lubrication.
- **Electrical Connections:** Ensure all electrical connections remain secure. If you notice any loose wiring, contact a qualified technician.

Always disconnect power to the fan before performing any cleaning or maintenance.

7. TROUBLESHOOTING

Refer to the following table for common issues and their solutions:

Problem	Possible Cause	Solution
Fan does not start	No power supply; Remote battery low; Loose wiring.	Check circuit breaker; Replace remote batteries; Verify wiring connections.
Fan wobbles	Loose blades or mounting; Unbalanced blades.	Tighten all screws; Ensure blades are balanced (refer to installation guide).
Remote not responding	Remote battery low; Obstruction between remote and fan sensor.	Replace remote batteries; Ensure clear line of sight to fan.
Fan makes unusual noise	Loose components; Motor issue.	Check and tighten all screws; If noise persists, contact customer support.

If the problem persists after attempting these solutions, please contact Atomberg customer support.

8. SPECIFICATIONS

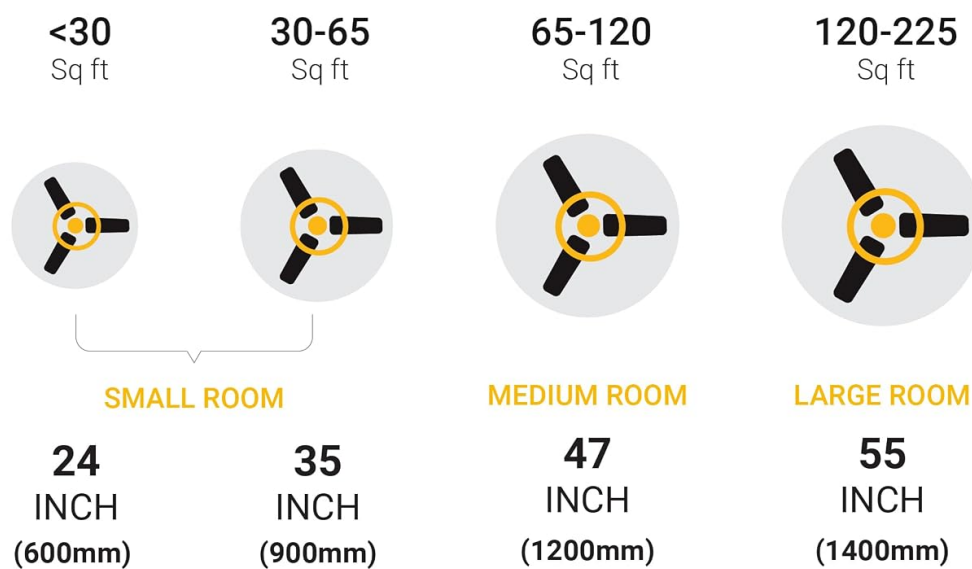
Feature	Detail
Brand	atomberg
Model Name	Ikano
Colour	Gloss Black
Electric Fan Design	Ceiling Fan
Power Source	Corded Electric
Product Dimensions (D x W x H)	42.5D x 28.5W x 21.5H Centimeters
Special Features	LED Light, Timer
Controller Type	Remote Control
Number Of Speeds	6
Noise Level	57 Decibels
Wattage	28 Watts
Number of Blades	3
Air Flow Capacity	230 Cubic Meters Per Minute
Speed	365 RPM
Voltage	140 Volts (Operating range 165V-285V)
Material Type	Aluminium
Blade Length	48 Inches (1200mm)

Feature	Detail
Item Weight	4 Kilograms



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.



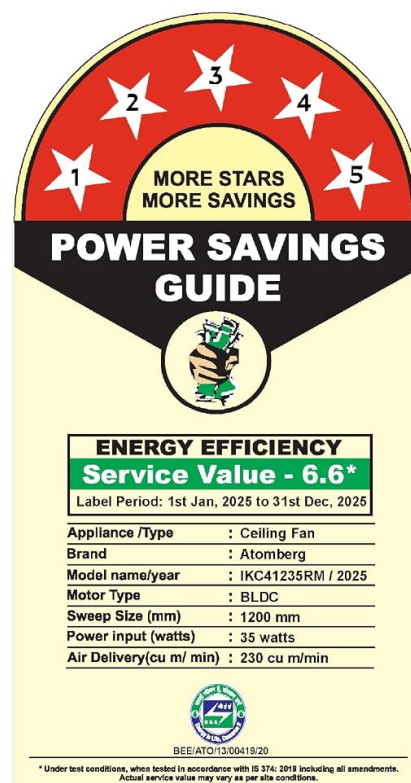
*For room sizes greater than 225 sq ft two or more fans are recommended

Figure 6: Understanding Fan Sweep Size

Energy efficient BLDC motor

Save upto
₹1500* per year

Parameters & Criteria	Unrated Fans	Atomberg BLDC Fans
Wattage	75 W	35 W
Annual Cost of Electricity (10hrs/day x 300days/year x wattage x ₹ 8/-per unit)	₹ 2880	₹ 1344
Savings/year	0	*₹ 1536



Up to 65% power savings*

Figure 7: Energy Efficiency of BLDC Motor

9. WARRANTY AND SUPPORT

Warranty Information:

The atomberg Ikano ceiling fan comes with a standard **two-year warranty**. An additional **one-year warranty** can be obtained by registering your purchase on the official Atomberg website, totaling **3 years of onsite warranty**.



On Site Warranty

2 years of warranty on purchase

+

1 year of extra warranty on website
registration

PAN India Service Network

350+ service centres present
across India



For India, By India

Designed and manufactured in India



Figure 8: Warranty and Service Network

Customer Support:

For any queries, technical assistance, or warranty claims, please contact Atomberg customer care:

- **Email:** support@atomberg.com
- **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.