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› [BOOSANT 52" Smart Ceiling Fan with Lights - Dark Walnut Model 102L Instruction Manual](#)

BOOSANT 102L

BOOSANT 52" Smart Ceiling Fan with Lights

MODEL: 102L (DARK WALNUT)

Your comprehensive guide to installation, operation, and maintenance.

1. Safety Information

Please read and understand all instructions before beginning installation. Failure to follow these instructions may result in electric shock, fire, or personal injury.

- Always turn off power at the circuit breaker before installing or servicing the fan.
- Consult a qualified electrician if you are unsure about wiring connections.
- Ensure the mounting structure can support the weight of the fan.
- This fan is ETL certified, ensuring compliance with safety standards.
- Suitable for indoor and covered outdoor use. Avoid direct water contact.

2. Parts List

Verify all components are present before installation:

- Fan Motor Assembly
- Fan Blades (3x, Dark Walnut)
- Light Kit (LED board and cover)
- Downrods (5", 10", 15" options)
- Mounting Bracket
- Remote Control
- Receiver for Smart Control
- Canopy and Canopy Cover
- Hardware Pack (screws, wire nuts, etc.)

SMART VOICE CONTROL



Image: Components of the BOOSANT 52 inch Smart Ceiling Fan, including blades, motor, light kit, and remote control.

3. Setup and Installation

Installation typically takes around 30 minutes. Follow these steps carefully:

- 1. Install Mounting Bracket:** Secure the mounting bracket to the ceiling junction box. Ensure it is firmly attached to a structural support.
- 2. Assemble Downrod:** Select the appropriate downrod length (5", 10", or 15") for your ceiling height. Feed the fan wires through the downrod.
- 3. Hang the Fan:** Carefully lift the fan motor assembly and hang it onto the mounting bracket.
- 4. Connect Wiring:** Connect the receiver wires to the ceiling wires (matching colors: black to black, white to white, ground to ground). Connect the fan motor wires to the receiver.
- 5. Install Canopy:** Slide the canopy up to cover the wiring and secure it to the mounting bracket.
- 6. Attach Blades:** Secure each of the three dark walnut blades to the fan motor assembly using the provided screws.
- 7. Install LED Light Kit:** Connect the LED board wires and attach the LED board to the fan. Secure the light cover.



Image: Visual guide for ceiling fan installation, illustrating downrod lengths and sloped ceiling compatibility.

Installation Video Guide

Your browser does not support the video tag.

Video: A detailed guide on how to install the BOOSANT Smart Ceiling Fan with Lights, covering each step of the assembly and wiring process.

4. Operating Instructions

Your BOOSANT Smart Ceiling Fan offers multiple control options for convenience:

- Remote Control:** Use the included remote to power the fan on/off, adjust 6 fan speeds, control light on/off, change light color temperature (3000K Warm White, 4000K Neutral White, 6000K Daylight), dim the light (10%-100%), set a timer (1H, 2H, 4H, 8H), and reverse blade direction for summer/winter modes.
- Voice Control:** Connect to Amazon Alexa or Google Assistant for hands-free operation. Use commands like "Alexa, turn on the bedroom fan" or "Hey Google, set fan speed to 3."
- Mobile App Control:** Download the dedicated mobile app to control all fan functions from your smartphone, including speed, light settings, and scheduling.

Key Features:

- **6-Speed DC Motor:** Provides powerful airflow up to 6000 CFM while operating quietly at less than 30dB.
- **3-Color Dimmable Light:** Choose from Warm White (3000K), Neutral White (4000K), or Daylight (6000K) and adjust brightness from 10% to 100%. Features a memory function to recall your last setting.
- **Reversible Function:** Circulate cool air downwards in summer or warm air upwards in winter.
- **Timer Settings:** Program the fan to turn off automatically after 1, 2, 4, or 8 hours.



Image: Illustration of the fan's 3-color dimmable light feature, demonstrating different color temperatures and brightness levels.

SUMMER AND WINTER DUAL-USE

Say goodbye to the dull home



6 Wind Speeds



Natural Wind



2H Timer



Dimmable Mode



3 Colors Modes



Night Light

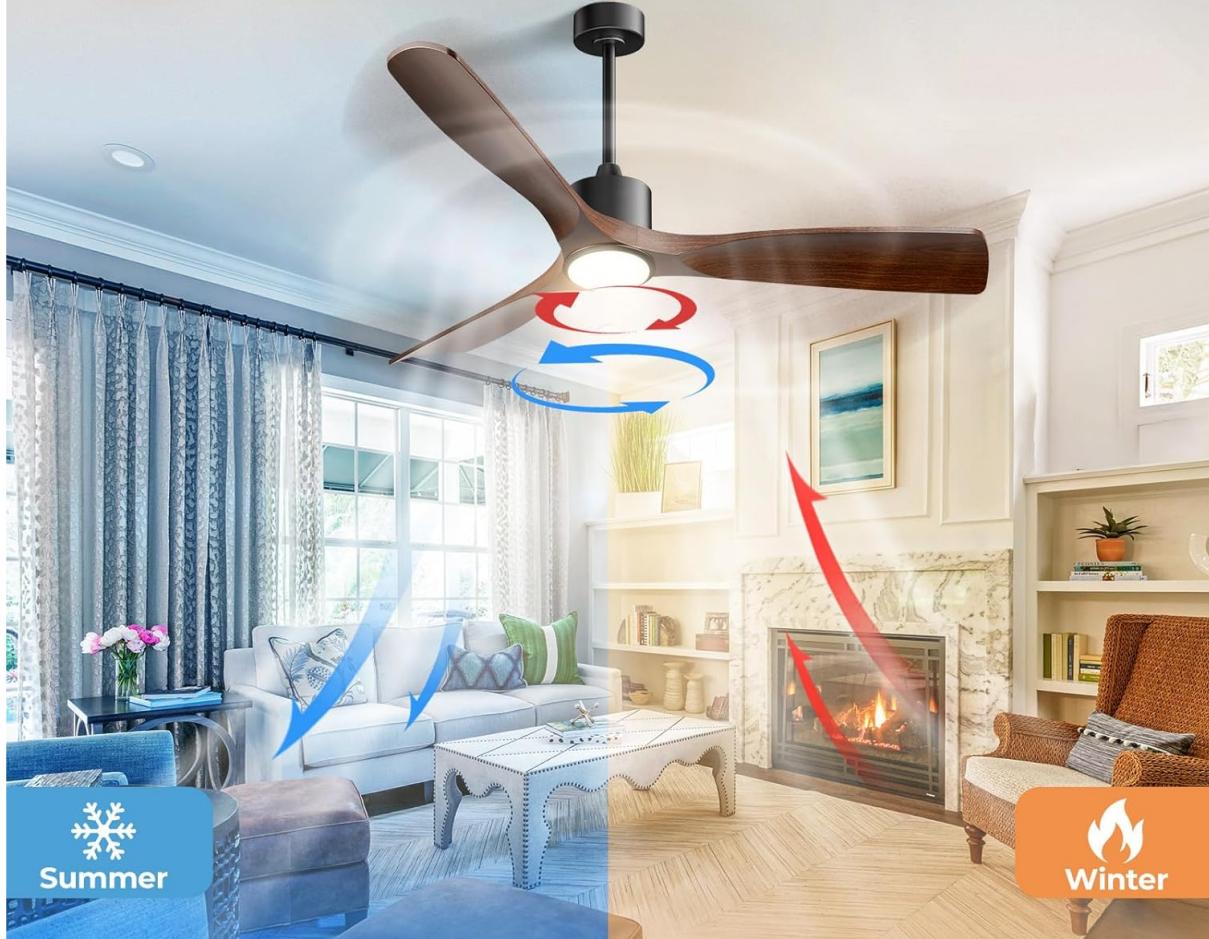


Image: The fan's reversible motor function, illustrating how it circulates air for both summer cooling and winter heat distribution.

5. Maintenance

Regular maintenance ensures optimal performance and longevity of your ceiling fan:

- Cleaning:** Periodically wipe the fan blades and motor housing with a soft, damp cloth. Do not use abrasive cleaners or solvents.
- Blade Care:** The dark walnut blades are damp-proof, making them suitable for covered outdoor spaces. However, avoid direct exposure to water.
- Check Connections:** Annually check all screws and connections for tightness.

DAMP-PROOF BLADES MADE FOR OUTDOOR CEILING FANS



Not Pollution



Not Moldy



ETL Certified



More Durable



Image: Detail of the damp-proof blades, emphasizing their durability for outdoor use in covered areas.

6. Troubleshooting

If you experience issues with your fan, refer to the following common solutions:

- Fan Not Operating:** Check that the power is on at the circuit breaker and wall switch. Ensure all wiring connections are secure. Verify remote control batteries are functional.
- Light Not Working:** Check light kit wiring connections. If the light is dimmable, ensure it's not set to the lowest brightness.
- Excessive Wobbling:** Ensure all blade screws are tightened. Check that the mounting bracket is securely installed.
- Noisy Operation:** Confirm all screws are tight. Check for any obstructions in the fan's path. The DC motor is designed for quiet operation (<30dB).

For further assistance, please contact customer support.

7. Specifications

Brand	BOOSANT
Model Name	102L
Color	Dark Walnut
Size	52 INCH
Product Dimensions	21"D x 52"W x 21"H
Item Weight	13.02 pounds (5.92 Kilograms)
Power Source	DC
Motor Type	Brushless
Number of Power Levels	6
Air Flow Capacity	6000 Cubic Feet Per Minute
Noise Level	29 Decibels
Wattage	50 watts
Voltage	120 Volts
Control Method	App, Remote, Voice (Alexa/Google Assistant)
Indoor/Outdoor Usage	Indoor, Outdoor (Covered)
Installation Type	Semi Flush Mount, Downrod Mount
Specification Met	ETL

ENERGYGUIDE

Estimated
Yearly Energy Cost
\$6

\$3 | | | \$34

Cost Range of Similar Models (19" – 84")

- Based on 12 cents per kWh and 6.4 hours use per day
- **Your cost depends on rates and use**
- Energy Use: 20Watts

Airflow
4,653

Cubic Feet Per Minute

- The higher the airflow, the more air the fan will move
- Airflow Efficiency: 228 Cubic Feet Per Minute Per Watt

All estimates based on typical use, excluding lights

ftc.gov/energy

Image: EnergyGuide label providing estimated energy cost and airflow capacity.

8. Warranty and Support

- **Warranty:** This product comes with a 2-year warranty.
- **Customer Support:** Enjoy 24/7 technical support and lifetime customer support for any product or usage issues.

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