

## 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

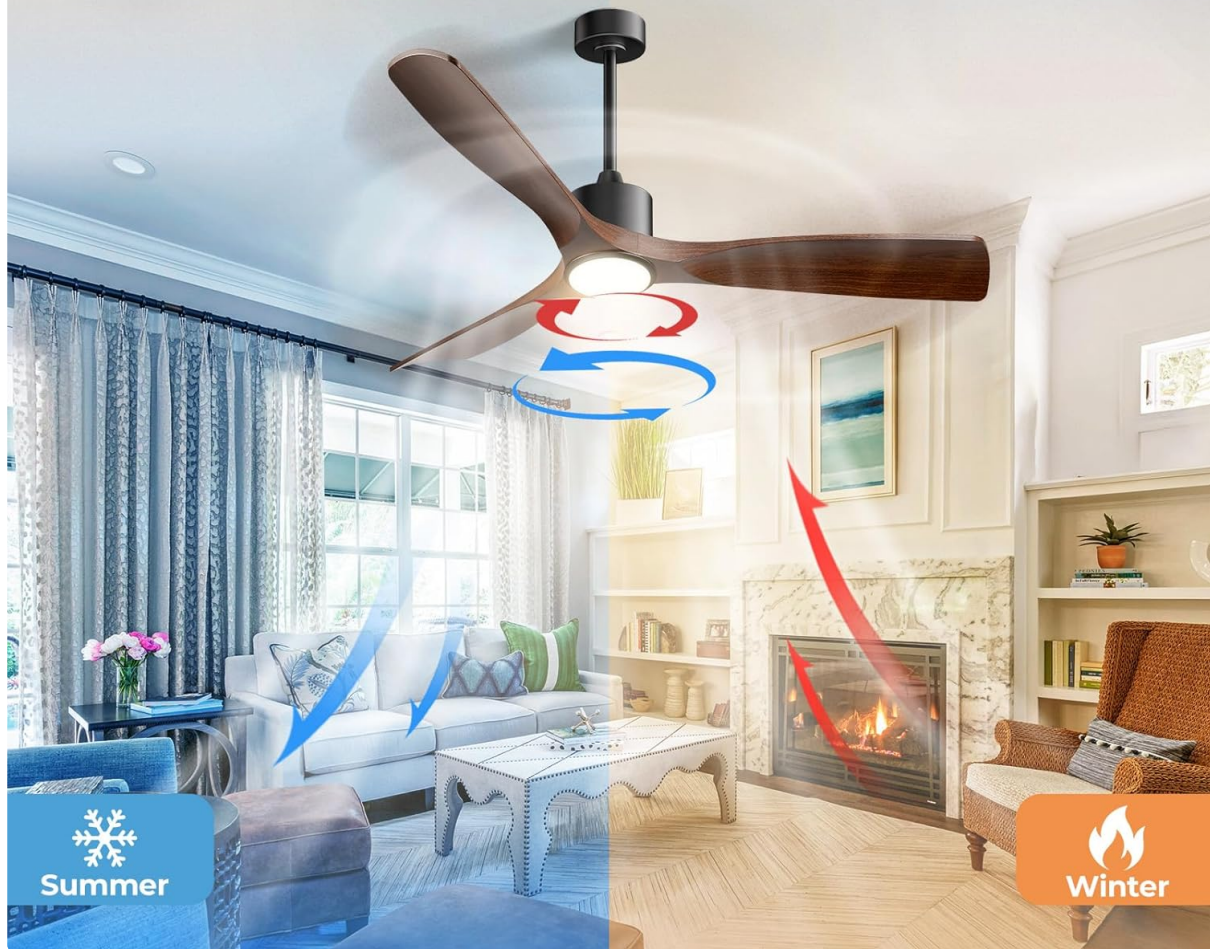


Image: The fan's reversible motor function, illustrating how it circulates air for both summer cooling and winter heat distribution.

## 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](https://www.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.