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Sofucor KBS-52143

Sofucor 52 Inch Smart Ceiling Fan (Model KBS-52143) Instruction Manual

Model: KBS-52143

1. INTRODUCTION

Thank you for choosing the Sofucor 52 Inch Smart Ceiling Fan. This manual provides essential information for the safe installation, operation, and maintenance of your new ceiling fan. This model features smart control options (voice, app, remote), a quiet DC motor, and a reversible function for year-round comfort. Please read these instructions thoroughly before installation and retain them for future reference.

2. SAFETY INFORMATION

- **Electrical Safety:** Always disconnect power at the main circuit breaker before installation or servicing. Consult a qualified electrician if you are unsure about wiring connections.
- **Mounting:** Ensure the mounting structure can support the weight of the fan (approximately 13.12 pounds) and is securely fastened.
- **Blade Clearance:** Maintain a minimum clearance of 7 feet from the floor to the fan blades and 18 inches from the wall to the blade tips.
- **Fan Operation:** Do not insert objects into the path of the fan blades.
- **Cleaning:** Use a soft, damp cloth for cleaning. Avoid harsh chemicals that may damage the finish.

3. PACKAGE CONTENTS

Verify that all components are present before beginning installation:

- Mounting Bracket (1)
- DC Motor Assembly (1)
- Solid Wood Blades (3)
- Hardware Pack (screws, washers, wire nuts)
- Bottom Cover (1)
- Instruction Manual (1)
- Remote Control (1)
- Receiver (1)

4. SPECIFICATIONS

Brand	Sofucor
Model Name	KBS-52143
Product Dimensions	52"D x 52"W x 9.64"H
Item Weight	13.12 pounds
Color	Brown+black
Style	Smart-Without Light
Power Source	120V AC input, DC motor
Motor Type	DC
Noise Level	30 Decibels
Air Flow Capacity	5800 Cubic Feet Per Minute
Number of Power Levels	6
Control Method	App, Remote, Voice
Indoor/Outdoor Usage	Indoor, Outdoor

5. INSTALLATION

Important: Before starting, ensure the power is turned off at the circuit breaker. It is recommended to have a qualified electrician perform the installation.

5.1 Pre-Installation Steps

1. **Turn off Power:** Locate your circuit breaker box and turn off the power to the ceiling fan location.
2. **Prepare Tools:** Gather necessary tools such as a screwdriver, wire strippers, pliers, and a ladder.
3. **Unpack Components:** Carefully remove all parts from the packaging and lay them out.

5.2 Mounting the Bracket

Secure the mounting bracket to your ceiling. The type of screws used will depend on your ceiling material (concrete, junction box, or wooden ceiling). Refer to the detailed instructions in the printed manual for specific screw types and procedures.

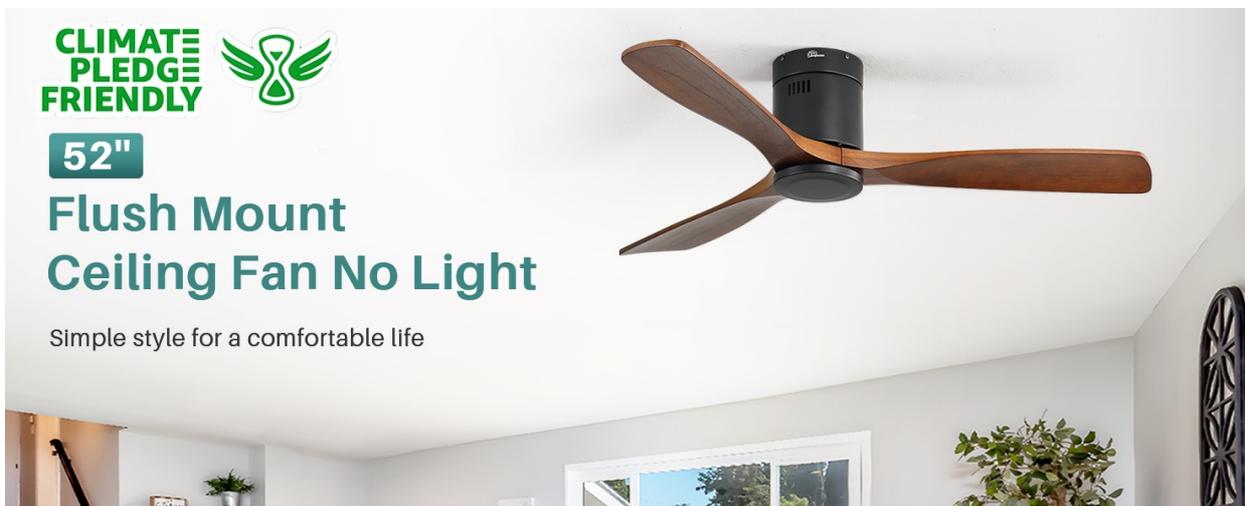


Image: Sofucor 52 Inch Smart Ceiling Fan without lights, flush mount design.

5.3 Assembling the Fan

1. **Attach Blades:** Securely attach the three solid wood blades to the motor assembly using the provided screws.

2. **Connect Receiver:** Connect the receiver to the fan's wiring. Ensure all connections are tight and secure.
3. **Wire Connections:** Connect the fan's black wire to the home's hot wire, the fan's white wire to the home's white or neutral wire, and the green wire to the ground wire. Use wire nuts to secure connections.
4. **Hang Fan:** Carefully hang the fan assembly onto the mounting bracket.
5. **Secure Downrod/Canopy:** Secure the downrod (if applicable) and canopy to the mounting bracket, ensuring all screws are tightened.
6. **Install Bottom Cover:** Attach the bottom cover to the motor housing.

5.4 Installation Video Guide

For a visual step-by-step guide, please refer to the official installation video:

Your browser does not support the video tag.

Video: Detailed installation instructions for the Sofucor 52 Inch Ceiling Fan.

6. OPERATING INSTRUCTIONS

6.1 Remote Control

The included remote control allows for convenient operation of your fan. Functions include:

- **Power On/Off:** Turns the fan on or off.
- **Fan Speed:** Adjusts between 6 fan speeds (Level 1-6).
- **Reversible Function:** Changes the direction of blade rotation for summer (downward airflow) or winter (upward airflow) use.
- **Timer:** Sets the fan to automatically turn off after 1, 4, or 8 hours.

3 Control Methods



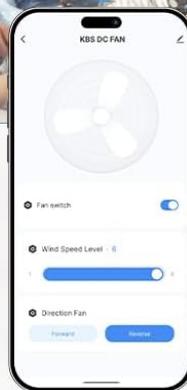
Alexa, turn on the ceiling fan.

OK!



Voice

+



APP

+



Remote Control

Image: Sofucor 52 Inch Smart Ceiling Fan control methods: remote, app, and voice.

6.2 App Control (Smart Life App)

Your Sofucor smart ceiling fan can be controlled via the Smart Life mobile application. Follow these steps to connect:

1. **Download App:** Download the 'Smart Life' app from your smartphone's app store.
2. **Register/Login:** Create an account or log in.
3. **Add Device:** Tap 'Add Device' or the '+' icon. Ensure your phone's Wi-Fi and Bluetooth are enabled.
4. **Pairing Mode:** Follow the app's instructions to put the fan into pairing mode (usually by cycling power).
5. **Connect:** Select the 'KBS DC FAN' from the discovered devices and enter your Wi-Fi credentials.
6. **Control:** Once connected, you can control fan speed, direction, and timer settings directly from the app.

6.3 Voice Control (Alexa/Google Assistant)

Integrate your Sofucor smart ceiling fan with Amazon Alexa or Google Assistant for hands-free control:

1. **Link Account:** In your Alexa or Google Home app, enable the 'Smart Life' skill/service and link your Smart Life account.
2. **Discover Devices:** Ask your voice assistant to discover new devices.
3. **Voice Commands:** Use commands like "Alexa, turn on the ceiling fan" or "Hey Google, set fan speed to 3."

6.4 Reversible Function

The fan features a reversible motor for optimal air circulation throughout the year:

- **Summer Mode:** Blades rotate counter-clockwise, creating a downward airflow that produces a cooling effect.
- **Winter Mode:** Blades rotate clockwise, creating an upward airflow that circulates warm air trapped near the ceiling, helping to evenly distribute heat.

Reversible Ceiling Fan



Image: Reversible function for summer (downward airflow) and winter (upward airflow).

7. MAINTENANCE

Regular maintenance ensures optimal performance and longevity of your fan:

- **Cleaning:** Periodically clean the fan blades and motor housing with a soft, lint-free cloth. Do not use abrasive cleaners or solvents.
- **Tighten Screws:** Check all screws and connections annually to ensure they are secure. Loose connections can cause noise or wobbling.
- **Blade Balance:** If the fan wobbles, ensure the blades are properly balanced. Refer to the troubleshooting section or contact support if needed.

8. TROUBLESHOOTING

Problem	Possible Cause	Solution
Fan does not start	No power to the fan; Loose wire connections; Remote control battery low.	Check circuit breaker; Verify all wire connections are secure; Replace remote control batteries.
Fan wobbles	Loose blade screws; Unbalanced blades; Loose mounting bracket.	Tighten all blade screws; Use a balancing kit (not included) to balance blades; Ensure mounting bracket is securely installed.
Remote control not working	Battery low/dead; Incorrect pairing; Obstruction between remote and receiver.	Replace batteries; Re-pair the remote with the fan (refer to app control section for pairing); Ensure clear line of sight.
Fan is noisy	Loose screws; Motor issues; Blades hitting an obstruction.	Check and tighten all screws; Ensure no obstructions are near the blades; Contact customer support if motor noise persists.

9. WARRANTY AND SUPPORT

Sofucor stands behind the quality of its products. This ceiling fan comes with:

- **Lifetime Motor Maintenance:** The fan's DC motor is covered by a lifetime maintenance policy.
- **3-Year Protection Plan:** A 3-year protection plan is provided for all accessories.

Our technical support team is available to assist you with any questions or issues. We aim to respond within 24 hours. For support, please refer to the contact information provided with your purchase or visit the official Sofucor website.