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› Sofucor 48 Inch Ceiling Fans with Lights, Smart Indoor/Outdoor Ceiling Fan with Light and Remote, Work with Alexa/Google, Quiet DC Motor, 3 Blade Solid Wood Low Profile Ceiling Fans for Bedroom Patio Walnut blades+Matte Black body+3 Downrods 48 Inch

Sofucor 48K006-BK-DC-HTM-50

Sofucor 48-Inch Smart Ceiling Fan User Manual

Model: 48K006-BK-DC-HTM-50

1. SAFETY INFORMATION

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

- **Electrical Safety:** Always disconnect power at the main circuit breaker before installing, cleaning, or servicing the fan. Ensure all electrical connections comply with local codes and ordinances. If you are unsure about wiring, consult a qualified, licensed electrician.
- **Mounting:** The mounting structure must be capable of supporting the weight of the fan (approximately 13.02 lbs). Ensure the outlet box is securely fastened to the building structure.
- **Blade Clearance:** Maintain a minimum clearance of 7 feet from the floor to the bottom edge of the fan blades. Ensure blades do not strike any objects or walls.
- **Damp-Rated Use:** This fan is damp-rated, suitable for covered outdoor locations such as patios and gazebos, provided it is protected from direct rain exposure.
- **Certifications:** The product is ETL/FCC safety certified, ensuring compliance with safety standards.

2. PRODUCT OVERVIEW

The Sofucor 48-Inch Smart Ceiling Fan is designed for both indoor and covered outdoor use, offering advanced functionality and efficient air circulation. It features a quiet DC motor, three solid wood blades, and an integrated LED light kit.

- **Size:** 48-inch diameter, suitable for rooms up to 16x16 feet.
- **Airflow:** Generates up to 4500 CFM (Cubic Feet per Minute) of airflow.
- **Motor:** High-efficiency DC motor for quiet operation and energy saving.
- **Noise Level:** Operates at approximately 35dB in standard mode and 30dB in deep sleep mode.

- **Control:** Multiple control options including voice control (Alexa/Google Assistant), mobile app, and a dedicated remote control.
- **Lighting:** Integrated LED light with 3 color temperature options (3000K Warm Light, 4000K Natural Light, 6000K White Light) and adjustable brightness from 10% to 100%.
- **Reversible Function:** Allows for downward airflow in summer for cooling and upward airflow in winter to circulate warm air.
- **Timer:** Features a timing function with settings for 1H, 2H, 4H, and 8H.

Image: The Sofucor 48-inch smart ceiling fan with walnut blades and a matte black body, shown installed in a modern living room setting.

3. SETUP AND INSTALLATION

Proper installation is crucial for the safe and efficient operation of your ceiling fan. It is recommended to have the fan installed by a qualified electrician.

3.1 Components Included

- Fan Motor Assembly

- 3 Solid Wood Fan Blades

- Integrated LED Light Kit

- Remote Control

- 3 Downrods (5-inch, 10-inch, 24-inch)

- Mounting Bracket and Hardware

- Wire Whip

3.2 Mounting Options

The fan supports various ceiling types with included downrods:

- **Flat Ceiling:** Can be installed directly or with any of the included downrods.

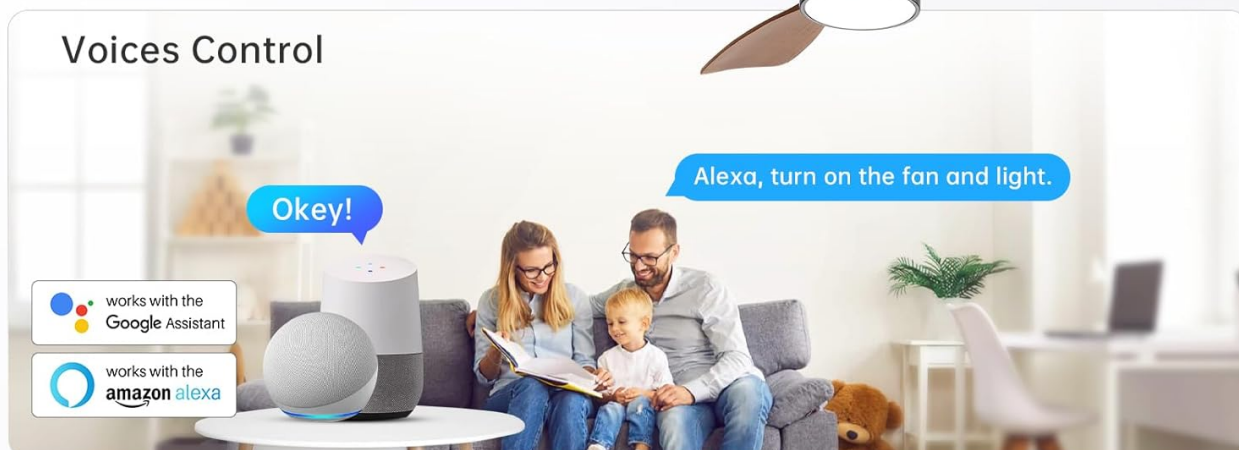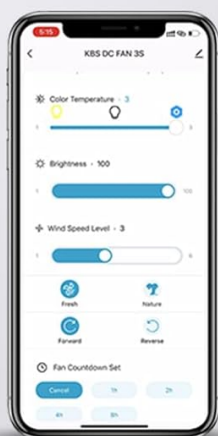- **Sloped Ceiling:** Compatible with sloped ceilings up to 15 degrees.

Image: A diagram illustrating the fan's dimensions with different downrod lengths (17", 22", 36" total height) and compatibility with flat and sloped ceilings (less than 15 degrees). Recommended room size is 10ft x 10ft to 16ft x 16ft.

Image: Visual representation of the three included downrods: 5-inch, 10-inch, and 24-inch, allowing for flexible installation heights.

3.3 General Installation Steps (Summary)

1. **Power Disconnection:** Turn off power at the circuit breaker.
2. **Mounting Bracket:** Secure the mounting bracket to the ceiling outlet box.
3. **Wiring:** Connect the fan's electrical wires to the household wiring according to the provided wiring diagram.
4. **Fan Assembly:** Attach the downrod to the fan motor assembly and then hang the fan assembly onto the mounting bracket.
5. **Blade Attachment:** Securely attach the three solid wood blades to the fan motor.
6. **Light Kit Installation:** Connect and install the integrated LED light kit.
7. **Canopy Installation:** Slide the canopy up to cover the wiring and mounting bracket.

For detailed step-by-step instructions, refer to the comprehensive installation guide included in your product packaging.

4. OPERATING INSTRUCTIONS

Your Sofucor smart ceiling fan offers multiple convenient ways to control its functions.

4.1 Control Methods

The fan can be controlled via voice commands, a mobile application, or the included remote control.

Multiple installation options

Height : **17''**
Height : **22''**
Height : **36''**

Diameter : **48''**

3 Downrods
24"
10"
5"

Flat Ceiling

Sloped Ceiling
<15

Scope of Application

Recommended

**10ft*10ft
to
16ft*16ft**

Image: An illustration detailing the three primary control methods: Voice Control (compatible with Google Assistant and Amazon Alexa), App Control (via a smartphone application), and Remote Control (with a wall-mountable option).

- **Voice Control:** Integrate with Amazon Alexa or Google Assistant for hands-free operation. Follow the instructions in your smart home device's app to connect the fan.
- **App Control:** Download the dedicated mobile application (refer to the product packaging or included manual for app name and QR code). The app allows for comprehensive control of fan speed, light settings, and timer functions from your smartphone.
- **Remote Control:** The included remote control provides direct access to all fan and light functions. It can be used handheld or mounted on a wall for convenience.
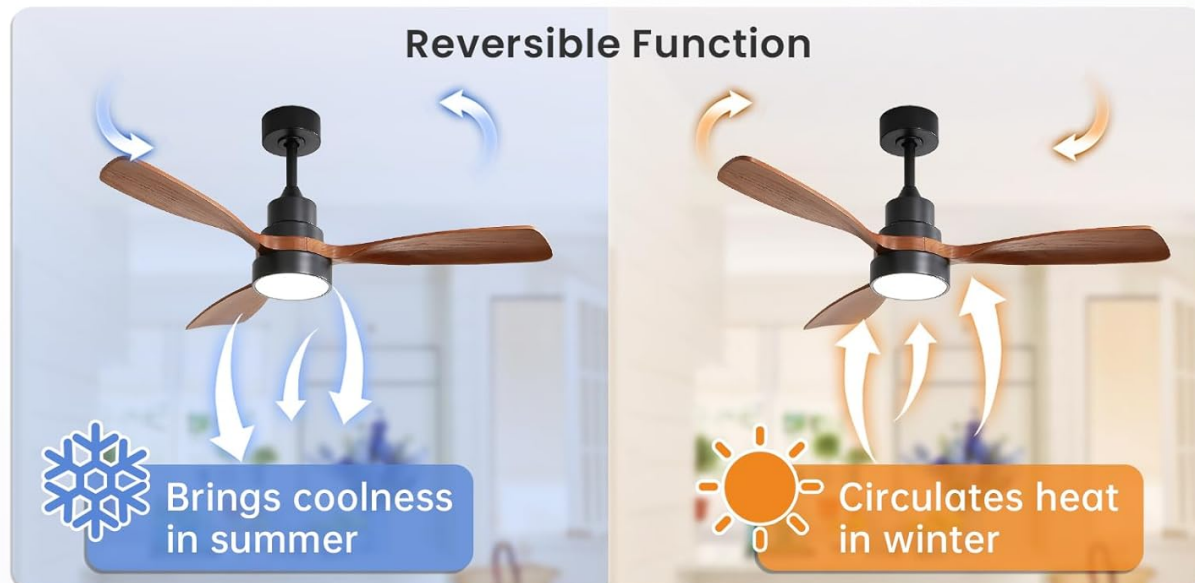
4.2 Fan Speed Adjustment

The fan features 6 adjustable wind speeds to suit your comfort needs:

- **Levels 1-2:** Comfortable Breeze, ideal for gentle air circulation.
- **Levels 3-4:** Natural Wind, suitable for everyday use.
- **Levels 5-6:** Strong Wind, for maximum cooling effect.

Advantages of High-Quality DC Motors

Reversible Function

Brings coolness in summer

Circulates heat in winter

6 Adjustable Speeds

Level 1-2 — Comfortable Breeze

Level 3-4 — Natural Wind
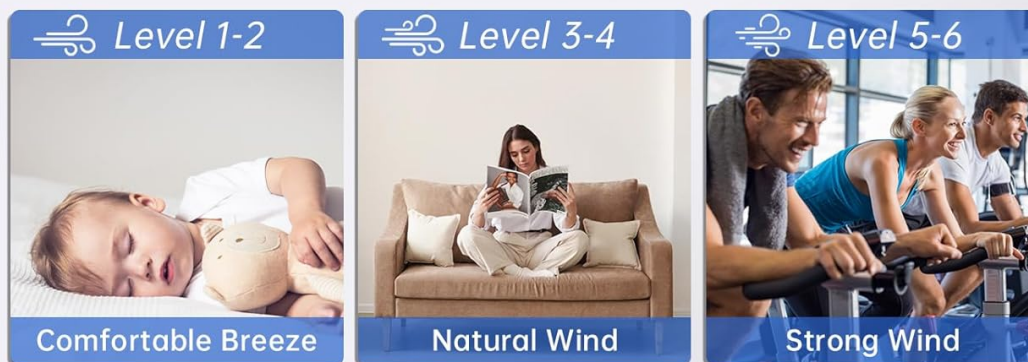
Level 5-6 — Strong Wind

Image: A visual guide to the fan's 6 adjustable speeds, categorized into Comfortable Breeze, Natural Wind, and Strong Wind, along with an illustration of the reversible function for summer cooling and winter heat circulation.

4.3 Light Control

The integrated LED light offers customizable illumination:

- **Color Temperature:** Choose from 3 distinct light colors: 3000K (Warm Light), 4000K (Natural Light), and 6000K (White Light).
- **Brightness Adjustment:** Adjust the light brightness from 10% to 100% to create the desired ambiance.

Unique solid wood fan blade design

Solid Wood Curved Blades

Solid Wood Curved Blades	Flat plastic or plywood blades
Larger air supply area, stronger and more durable.	Smaller air supply area, will deform or sag.

Image: A visual representation of the fan's lighting capabilities, showing the three color temperature options (3000K Warm, 4000K Natural, 6000K White) and a slider indicating 10% to 100% adjustable brightness.

4.4 Reversible Function

The fan's reversible function allows for year-round comfort:

- **Summer Mode:** Fan blades rotate counter-clockwise, creating a downward airflow that produces a cooling effect.
- **Winter Mode:** Fan blades rotate clockwise, creating an upward airflow that circulates warm air trapped near the ceiling, helping to reduce heating costs.

4.5 Timing Function

Set a timer for automatic shutdown, useful for sleeping, exercising, or working:

- Available timer settings: 1 hour, 2 hours, 4 hours, and 8 hours.

Image: A visual depicting the fan's timing function, showing timer settings for 1H, 2H, 4H, and 8H, useful for automatic shutdown during sleep or other activities.

5. MAINTENANCE

Regular maintenance helps ensure the longevity and optimal performance of your Sofucor ceiling fan.

- **Cleaning:** To clean the fan, wipe surfaces with a soft, damp cloth. Do not use abrasive cleaners or solvents, as these may damage the finish or electrical components. Ensure power is disconnected before cleaning.
- **Blade Care:** The solid wood blades can be gently wiped with a dry or slightly damp cloth. Avoid excessive moisture.
- **LED Light Kit:** The integrated LED light kit is designed for long life. If replacement is ever needed, the LED light board is replaceable. Contact customer support for assistance.

Image: A detailed view of the replaceable LED light board, highlighting its design for brighter and more even lighting, and ease of replacement.

6. TROUBLESHOOTING

If you encounter issues with your Sofucor ceiling fan, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
Fan does not turn on	No power; Loose wiring; Remote/App issue	Check circuit breaker; Verify all wiring connections are secure; Ensure remote has fresh batteries or app is connected.
Light flickers or does not work	Loose light kit connection; LED driver issue; Remote/App issue	Check light kit wiring; Ensure remote/app settings are correct. If issue persists, contact support.
Fan makes excessive noise	Loose screws; Unbalanced blades; Motor issue	Tighten all screws; Use balancing kit (if included) to balance blades; Contact support if motor noise persists.
Remote control not responding	Dead batteries; Remote not paired; Obstruction	Replace batteries; Refer to pairing instructions in the full manual; Ensure no obstructions between remote and receiver.
Smart control (Alexa/Google/App) not working	Network connectivity issue; Incorrect pairing; App outdated	Check Wi-Fi connection; Re-pair the fan with your smart home system/app; Update the app to the latest version.

If the problem persists after attempting these solutions, please contact Sofucor customer support for further assistance.

7. SPECIFICATIONS

Detailed technical specifications for the Sofucor 48-Inch Smart Ceiling Fan:

Product Parameter

Sofucor

Fan Size	48 inch
Suitable Room Size	10*10ft to 16*16ft
Control Method	Voice / App and Remote Control
Airflow	5000 CFM
Material	Solid wood, Stainless steel and Acrylic
Light Source	15Watt LED
Motor Type	35Watt DC Motor
Voltage	90-265V

Image: A table summarizing key product parameters including fan size, suitable room size, control method, airflow, material, light source, motor type, and voltage.

Parameter	Value
Brand	Sofucor
Model Name	48K006-BK-DC-HTM-50
Fan Size	48 Inch
Suitable Room Size	10x10ft to 16x16ft
Control Method	Voice / App / Remote Control
Airflow	4500 CFM
Material	Solid Wood (Blades), Stainless Steel, Acrylic
Light Source	Integrated 15W LED

Parameter	Value
Motor Type	35W DC Motor
Voltage	120 Volts (DC)
Noise Level	30-35 dB
Number of Blades	3
Speed Settings	6 RPM
Indoor/Outdoor Usage	Indoor, Outdoor (Damp-rated)
Item Weight	13.02 pounds

8. WARRANTY AND SUPPORT

Sofucor is committed to providing high-quality products and excellent customer service.

- **Motor Warranty:** The DC motor comes with a lifetime warranty. If the motor ceases to function, it will be replaced free of charge.
- **Parts Warranty:** All other components and accessories are covered by a 3-year comprehensive warranty. Damaged or lost parts, including fan blades, bulbs, remote controls, and receivers, can be replaced within this period.
- **Technical Support:** Sofucor offers 24/7 technical support to assist with any installation questions, operational issues, or after-sales service needs.

3 Light Color Options and Adjustable Brightness

Adjustable Brightness 10%-100%
10%   100%

Warm Light **3000K** | Natural Light **4000K** | White Light **6000K**

Image: An overview of Sofucor's after-sales service, detailing the lifetime free replacement for the motor and 3-year free replacement for other accessories like blades, remotes, and light kits.

For warranty claims or technical assistance, please refer to the contact information provided in your product packaging or visit the official Sofucor website.

[Sofucor 52-Inch Ceiling Fan User Manual - Model 52245-W1](#)
User manual for the Sofucor 52-inch ceiling fan (Model: 52245-W1) manufactured by Melasen Electronics Co., Ltd. This guide provides comprehensive installation instructions, safety precautions, remote control operation details, care and cleaning tips, and troubleshooting solutions for your Hokku Designs fan.

[Sofucor 52143-W 52-Inch Ceiling Fan Use and Care Guide](#)
Comprehensive use and care guide for the Sofucor 52143-W 52-inch ceiling fan. Includes installation instructions, safety precautions, warranty information, and troubleshooting tips.

[Sofucor KBS-52K131 Ceiling Fan Use and Care Guide](#)
Comprehensive use and care guide for the Sofucor KBS-52K131 ceiling fan, including installation instructions, safety information, warranty details, remote control operation, balancing, care, and troubleshooting.

[Sofucor KBS-52K096SMTY Ceiling Fan Use and Care Guide](#)
Comprehensive user manual for the Sofucor KBS-52K096SMTY ceiling fan, covering installation, safety, operation, troubleshooting, and smart home integration.

[Sofucor KBS-52K257 Ceiling Fan Use and Care Guide & Installation Manual](#)
Comprehensive use and care guide, installation manual, and troubleshooting tips for the Sofucor KBS-52K257 ceiling fan. Includes safety information, warranty details, and remote control operation.

[Sofucor 52-Inch Ceiling Fan KBS-52104-DC-SN-YM-60 Use and Care Guide](#)
Comprehensive use and care guide for the Sofucor 52-inch ceiling fan, model KBS-52104-DC-SN-YM-60. Includes installation instructions, safety information, warranty details, operation, troubleshooting, and remote control usage.