

## Sofucor KBS-5247-DC

# Sofucor Low Profile Ceiling Fan User Manual

Model: KBS-5247-DC

## 1. IMPORTANT SAFETY INSTRUCTIONS

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

- Always disconnect power at the main fuse box or circuit breaker before installing or servicing the fan.
- All electrical connections must be in accordance with local codes, ordinances, or national electrical codes. If you are unfamiliar with proper electrical wiring, consult a qualified electrician.
- Ensure the installation site allows the fan blades to rotate without obstruction. Maintain a minimum clearance of 7 feet from the floor to the blade trailing edge.
- The outlet box and support structure must be securely mounted and capable of reliably supporting a minimum of 35 lbs (15.9 kg). Use only UL Listed outlet boxes marked "FOR FAN SUPPORT."
- Do not operate the fan with damaged power cords or plugs.
- Avoid placing foreign objects between the rotating fan blades.
- This appliance is not intended for use by persons (including children) with reduced physical, sensory or mental capabilities, or lack of experience and knowledge, unless they have been given supervision or instruction concerning use of the appliance by a person responsible for their safety.

## 2. PACKAGE CONTENTS

Carefully unpack your fan and check to ensure all contents are present and undamaged. If any parts are missing or damaged, contact Sofucor customer service immediately.

- 1 × DC motor
- 1 × lampshade
- 1 × light source
- 3 × down rods (5"/10"/24")
- 3 × walnut wood blades

# Product Specifications



**Wattage**  
18W



**Airflow**  
5032 CFM



**Airflow Efficiency**  
139 Cubic



**Energy Use**  
35 Watts



Figure 2.1: Exploded view of Sofucor ceiling fan components.

## 3. PRODUCT FEATURES

The Sofucor Low Profile Ceiling Fan is designed for optimal comfort and energy efficiency, featuring a modern aesthetic and advanced functionalities.

- **Quiet DC Motor:** Equipped with a whisper-quiet, high-speed velocity DC motor, ensuring a noise level below 30dB for undisturbed comfort. Delivers up to 5800 CFM airflow.
- **Bright Dimmable LED Lights:** Integrated LED lights offer three color temperatures (3000K warm yellow, 4500K bright daylight, 6000K cool white) and are dimmable from 0% to 100%. Provides 2000 lumens of illumination.
- **Remote Control:** A multi-functional remote allows easy control of 6 fan speeds, 3 sleep timer intervals (1/4/8H), and a reversible airflow option.
- **Easy Installation:** Designed for straightforward installation with included down rods (5"/10"/24") suitable for various ceiling heights. Can be installed on ceilings with a max slope of 10 degrees.
- **Energy-efficient:** DC motor technology is approximately 75% more energy-efficient than traditional AC fans, contributing to reduced electricity consumption.



Figure 3.1: Summer Downdraft and Winter Updraft Modes.

#### 4. SPECIFICATIONS

Attribute	Value
Brand	Sofucor
Model Name	ceiling fan with light remote control
Item Model Number	KBS-5247-DC
Size	52 inch
Product Dimensions	52"D x 52"W x 16"H
Item Weight	15.32 pounds
Color	52 Inch with lights, walnut

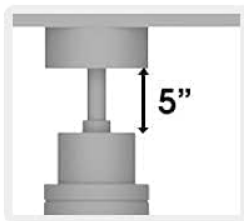
Number of Blades	3
Blade Material	wood fan blades
Power Source	DC
Voltage	120 Volts (DC)
Wattage	35 watts
Air Flow Capacity	5032 cc/min
Noise Level	45 dB
Light Type	LED
Control Method	Remote
Indoor/Outdoor Usage	Indoor, Outdoor (Not exposed to direct rain)
Assembly Required	Yes
Batteries Required (for remote)	2 AAA batteries (not included)

# 52" Sofucon

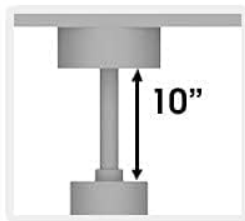
Carmel Contemporary

## Mounting Options

### 1 POSITION MOUNT



Long Downrod



Short Downrod

## Light Type

Integrated LED

## Base+Bulb

N/A

## Dimensions



## Blade Finish



California walnut wood

## REVERSIBLE ?

YES

3 BLADES

Style | Contemporary Motor | Silicon Steel Reversible Finish | Matte black Installation | 45-60 mins

## 5. SETUP AND INSTALLATION

### 5.1 Pre-Installation Checklist

- Ensure power is OFF at the circuit breaker before starting.
- Verify that the ceiling outlet box is securely mounted and rated for fan support.
- Gather all necessary tools: screwdriver, wire strippers, ladder, etc.

### 5.2 Mounting Options

The fan comes with three down rods (5", 10", 24") to accommodate various ceiling heights. It can be installed on ceilings with a maximum slope of 10 degrees.



Figure 5.1: Included Down Rod Lengths.

### 5.3 Wiring Instructions

Connect the fan's electrical wires to the household wiring according to the provided wiring diagram in the physical manual. Ensure all connections are secure and insulated with wire nuts. If you are unsure about wiring, consult a qualified electrician.

## 6. OPERATING INSTRUCTIONS

The Sofucor ceiling fan is operated using the included multi-functional remote control. Ensure 2 AAA batteries are installed correctly in the remote.

### 6.1 Remote Control Functions

- **Power Button:** Turns the fan and light ON/OFF.
- **Fan Speed Control:** Select from 6 fan speeds (1-6) to adjust airflow intensity.
- **Light Control:**
  - **Light ON/OFF:** Toggles the light on or off.
  - **Color Temperature Adjustment:** Cycle through 3000K (warm yellow), 4500K (bright daylight), and 6000K (cool white) light options.
  - **Dimming:** Adjust light brightness from 0% to 100%.
- **Timer Function:** Set the fan to automatically turn off after 1, 4, or 8 hours.
- **Reverse Airflow:** Change the direction of the fan blades for seasonal use. In summer, downdraft mode creates a cooling breeze. In winter, updraft mode circulates warm air trapped near the ceiling.

Your browser does not support the video tag.

Video 6.1: This video demonstrates the remote control functions, including changing light color and fan speed. (Note: This video is provided by a customer and is for illustrative purposes. For official installation guidance, please refer to the manual or manufacturer's website.)

## 7. MAINTENANCE

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

- **Cleaning:** To avoid damaging the finish, clean the fan with a soft, damp cloth. Do not use abrasive cleaners or solvents.
- **Blade Care:** Periodically check the fan blades for dust buildup. Dusting the blades regularly can help maintain airflow efficiency and prevent wobbling.
- **Tighten Fasteners:** Over time, some fasteners may become loose. Check all mounting screws and blade attachment screws at least once a year and tighten them as necessary.

## 8. TROUBLESHOOTING

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

Problem	Possible Cause	Solution
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Fan does not start	No power to the fan; Loose wire connections; Remote control battery low or incorrectly installed.	Check circuit breaker/fuse; Verify all wire connections are secure; Replace remote control batteries (2 AAA) and ensure correct polarity.
Light does not work or flickers	Loose wire connection to light kit; Faulty LED light source; Light setting on remote.	Check light kit wiring; Contact customer service for replacement if LED is faulty; Ensure light is turned on and brightness is adjusted via remote.
Fan wobbles excessively	Loose blade screws; Unbalanced blades; Loose mounting bracket.	Tighten all blade screws; Check for bent blades and replace if necessary; Ensure mounting bracket is securely fastened to the ceiling box.
Remote control not working	Low or dead batteries; Remote not paired with fan; Obstruction between remote and receiver.	Replace batteries; Refer to pairing instructions in the full manual; Ensure clear line of sight to the fan's receiver.
Light glows faintly when off	Residual current in wiring or dimmer incompatibility.	Ensure the fan is connected to a non-dimmable switch or consult an electrician to check for residual current.



## 9. WARRANTY AND CUSTOMER SUPPORT





Sofucor products are manufactured to the highest quality standards. For specific warranty information, please refer to the warranty card included with your product or visit the official Sofucor website.

If you encounter any issues or have questions regarding your Sofucor ceiling fan, please do not hesitate to contact our customer support team. We are committed to ensuring your satisfaction.

For further assistance, please visit the [Sofucor Store on Amazon](#).

### Related Documents - KBS-5247-DC

	<p><a href="#">Sofucor 52-Inch Ceiling Fan Use and Care Guide   Model 5247-W</a></p> <p>Detailed use and care guide for the Sofucor 52-inch ceiling fan (model 5247-W). Includes comprehensive installation steps, safety warnings, warranty details, remote control operation, and troubleshooting tips.</p>
	<p><a href="#">Sofucor KBS-48K006SMTY 48-Inch Smart Ceiling Fan Use and Care Guide</a></p> <p>Comprehensive use and care guide for the Sofucor KBS-48K006SMTY 48-inch smart ceiling fan, including installation instructions, remote control operation, smart system connectivity, troubleshooting, and warranty information.</p>

	<p><a href="#">Sofucor KBS-48K006SMTY 48-Inch Ceiling Fan Use and Care Guide</a></p> <p>Comprehensive use and care guide for the Sofucor KBS-48K006SMTY 48-inch ceiling fan, including installation instructions, safety precautions, warranty information, troubleshooting, and smart system connectivity.</p>
	<p><a href="#">Sofucor KBS-5247-WD 52-Inch Ceiling Fan Use and Care Guide</a></p> <p>Comprehensive use and care guide for the Sofucor KBS-5247-WD 52-inch ceiling fan, covering installation, safety, warranty, remote operation, maintenance, and troubleshooting.</p>
	<p><a href="#">Sofucor KBS-52K131 Ceiling Fan Use and Care Guide</a></p> <p>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.</p>
	<p><a href="#">Sofucor 52-Inch Ceiling Fan KBS-52104-DC-SN-YM-60 Use and Care Guide</a></p> <p>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.</p>