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Sofucor 52K138SMTY-BK

Sofucor 52 Inch Smart Indoor/Outdoor Ceiling Fan User Manual

Model: 52K138SMTY-BK

1. SAFETY INFORMATION

Please read and understand this entire manual before attempting to assemble, operate, or install the product. Failure to follow these instructions could result in electric shock, fire, or serious personal injury.

- Ensure all electrical connections comply with local codes, ordinances, and the National Electrical Code (NEC).
- Consult a qualified electrician if you are unfamiliar with electrical wiring.
- Before installation, disconnect power by turning off the circuit breakers at the main fuse box or circuit panel.
- Use only the parts supplied by the manufacturer. Substitution of parts may void the warranty and cause injury.
- Mount the fan directly to a structural ceiling joist or an outlet box marked 'Acceptable for Fan Support of 35 lbs (15.9 kg) or less'.
- Maintain a minimum clearance of 7 feet (2.1 meters) from the leading edge of the fan blades to the floor.
- Do not operate the fan if any part is damaged.

2. PRODUCT OVERVIEW AND FEATURES

The Sofucor 52 Inch Smart Indoor/Outdoor Ceiling Fan is designed for efficient air circulation and customizable lighting in various environments. It features an 8-blade design, a quiet reversible DC motor, and multiple control options.



Image: The Sofucor 52 Inch Smart Indoor/Outdoor Ceiling Fan with its 8-blade design and integrated light, shown with various control accessories.

Key Features:

- **Sophisticated Functionality:** 8-blade design generating 6,500 CFM airflow for spaces up to 25x25ft. Integrated LED lighting.
- **Unified Smart Control System:** Voice control via Alexa and Google Assistant, app control, and an included remote control.
- **Dynamic Climate Mastery:** High-efficiency DC motor with 6 precision-tuned wind modes and an innovative reversible function for year-round use.
- **Versatility:** Suitable for both indoor and covered outdoor use (damp-rated). Includes three downrods (5", 10", 24") and ±15° tilt capability for vaulted ceilings.
- **Whisper-Quiet Operation:** Operates at just 35dB in standard mode and 30dB in 'deep sleep' mode.
- **Fully Adjustable Lighting:** Customizable brightness and color temperature (3000K Warm White, 4000K Natural White, 6000K Cool White), 10-100% dimmable.

3. PACKAGE CONTENTS

Verify that all components listed below are included in your package. If any parts are missing or damaged, contact Sofucor customer support.

- Ceiling Fan Motor Housing
- Fan Blades (8x)
- Light Kit with Integrated LED
- Remote Control
- Wire Whip
- Downrods (5", 10", 24")
- Mounting Bracket and Hardware
- Canopy
- User Manual



Image: A detailed presentation of the fan's components, including the motor housing, light kit, and blade attachment points.

4. SETUP AND INSTALLATION

Professional installation is recommended. Ensure power is disconnected at the circuit breaker before beginning installation.

4.1 Mounting Options

The fan supports both flat and sloped ceiling installations, and includes multiple downrod lengths for optimal placement.



Image: Illustration showing the fan installed on both a flat ceiling and a sloped ceiling, demonstrating its versatility.



Image: Three downrod options (5", 10", 24") are displayed, allowing for different ceiling heights and aesthetic preferences.

4.2 General Installation Steps (Summary)

- 1. Prepare for Installation:** Turn off power at the circuit breaker. Clear the work area.
- 2. Mounting Bracket Installation:** Secure the mounting bracket to the ceiling outlet box (ensure it is fan-rated) or directly to a structural joist.
- 3. Assemble Downrod and Fan:** Attach the chosen downrod to the fan motor assembly. Feed electrical wires through the downrod.
- 4. Hang the Fan:** Carefully lift the fan assembly and hang it on the mounting bracket.
- 5. Electrical Connections:** Connect the fan's electrical wires to the household wiring according to the wiring diagram provided in the full manual.
- 6. Secure Canopy:** Slide the canopy up and secure it to cover the wiring and mounting bracket.
- 7. Attach Blades:** Securely attach the 8 fan blades to the motor housing.
- 8. Install Light Kit:** Connect and install the integrated LED light kit.
- 9. Restore Power:** Turn on power at the circuit breaker and test the fan.

5. OPERATING INSTRUCTIONS

Your Sofucor ceiling fan offers multiple control methods for convenience and flexibility.

5.1 Control Methods

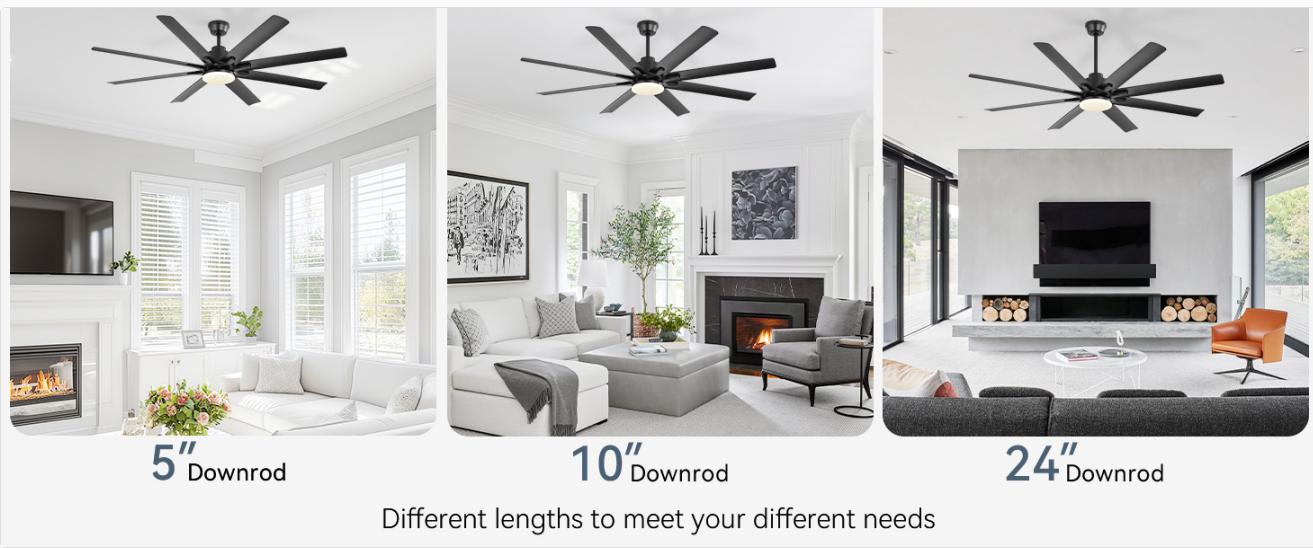


Image: Visual representation of the three control methods: remote control, smartphone app control, and voice control via smart speakers.

- **Remote Control:** The included remote allows direct control over fan speed, light settings, and other functions.
- **App Control:** Download the dedicated Sofucor app to control the fan from your smartphone or tablet, enabling adjustments from anywhere.
- **Voice Control:** Integrate with Amazon Alexa or Google Assistant for hands-free operation using simple voice commands.

5.2 Fan Speed Adjustment

The fan features 6 adjustable wind speeds to suit various comfort levels.



Image: Visual guide illustrating the 6 wind speed levels, categorized into comfortable, natural, and cooling wind settings.

- **Levels 1-2:** Comfortable Wind - Ideal for gentle air circulation.
- **Levels 3-4:** Natural Wind - Provides a moderate breeze.
- **Levels 5-6:** Cooling Wind - Delivers powerful airflow for maximum cooling.

5.3 Reversible Function

The reversible DC motor allows for seasonal optimization of airflow.

High Quality DC Motor

75% Energy-Saving
Up to

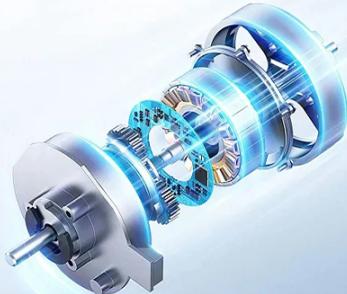


Image: Diagram showing downward airflow for cooling in summer and upward airflow to circulate warm air in winter.

- **Summer Mode (Downward Airflow):** Blades rotate counter-clockwise to create a cooling breeze.
- **Winter Mode (Upward Airflow):** Blades rotate clockwise to draw warm air up and circulate it down the walls, helping to redistribute heat.

5.4 Lighting Control

The integrated LED light offers adjustable brightness and color temperature.

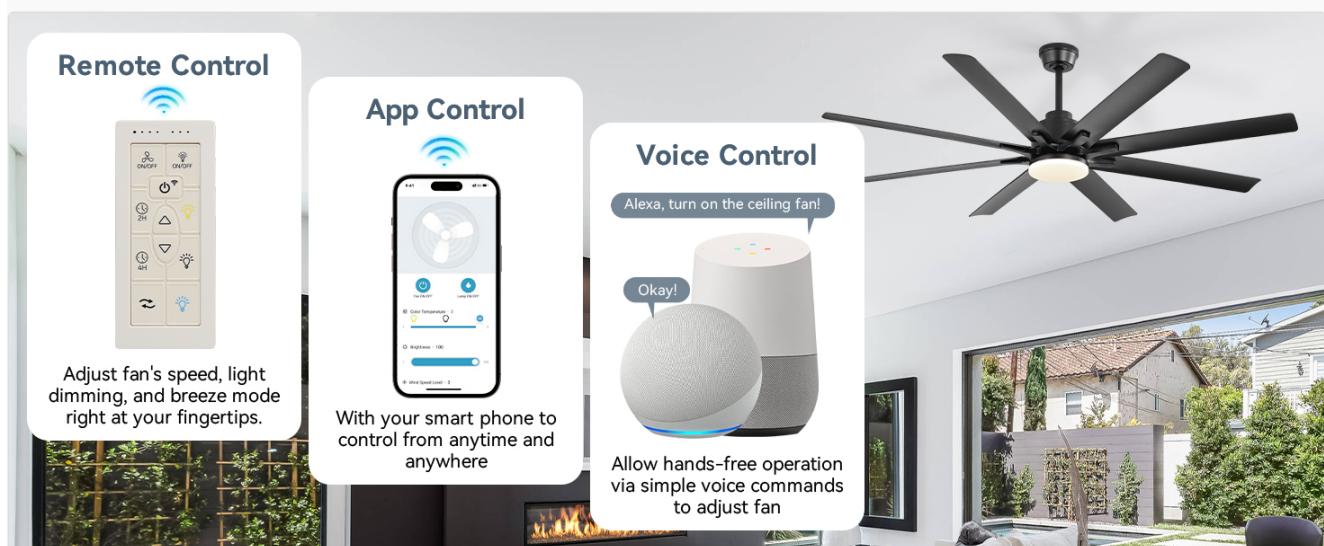


Image: Display of the three color temperature options (3000K Warm Light, 4000K Natural White, 6000K Cool White) and a dimming scale from 10% to 100%.

- **Color Temperature:** Choose between 3000K (Warm White), 4000K (Natural White), or 6000K (Cool White).
- **Dimming:** Adjust brightness from 10% to 100%.

6. MAINTENANCE

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

- **Cleaning:** Periodically clean the fan blades and motor housing with a soft, damp cloth. Do not use abrasive cleaners or solvents.
- **Blade Balance:** If the fan wobbles, check that all blade screws are tight and that blades are not bent or damaged. A balancing kit may be used if necessary.

- **Light Kit:** The integrated LED light is designed for long life and typically does not require replacement. If issues arise, contact customer support.
- **Electrical Connections:** Annually check all electrical connections for tightness.

7. TROUBLESHOOTING

Refer to this section for common issues and their solutions. If the problem persists, contact Sofucor customer support.

Problem	Possible Cause	Solution
Fan does not start	No power to the fan; Loose wire connections; Remote control battery low.	Check circuit breaker; Ensure all wires are securely connected; Replace remote control battery.
Fan wobbles	Loose blade screws; Unbalanced blades; Improper mounting.	Tighten all blade screws; Use a blade balancing kit; Ensure mounting bracket is securely installed.
Light does not work	Loose wire connection to light kit; Light switch off; Integrated LED failure.	Check light kit wiring; Ensure light function is enabled via remote/app; Contact support if LED is faulty.
Remote control not working	Battery low/dead; Remote not paired; Obstruction.	Replace battery; Refer to pairing instructions in full manual; Ensure clear line of sight to fan receiver.
Noise from fan	Loose screws; Blades hitting an obstruction; Motor noise.	Check and tighten all screws; Ensure no obstructions; Contact support if motor noise is excessive.

8. SPECIFICATIONS

Detailed technical specifications for the Sofucor 52 Inch Smart Indoor/Outdoor Ceiling Fan.

Feature	Specification
Brand	Sofucor
Model Name	52K138SMTY-BK
Color	Black+Black
Size	52 Inch
Number of Blades	8
Motor Type	DC Motor
Power Source	DC
Wattage	35 watts
Voltage	120 Volts (AC)

Feature	Specification
Air Flow Capacity	6500 Cubic Feet Per Minute (CFM)
Noise Level	30 dB (Deep Sleep Mode) / 35 dB (Standard Operation)
Number of Power Levels	6
Control Method	App, Remote, Voice (Alexa/Google)
Light Kit	Integrated LED, 3 Color Stepless Dimming (3000K/4000K/6000K)
Indoor/Outdoor Usage	Indoor, Outdoor (Damp-rated, recommend rain-protected outdoor placement)
Downrod Lengths Included	5", 10", 24"
Product Dimensions	26"D x 11"W x 12"H (approximate, varies with downrod)
Item Weight	22.7 pounds

9. WARRANTY AND SUPPORT

Sofucor is committed to product excellence and customer satisfaction.

- **Motor Warranty:** Lifetime warranty for the DC motor.
- **Parts Warranty:** 3-year comprehensive coverage for all other parts.
- **Technical Support:** 24/7 technical support is available to assist with any installation or operational questions.
- **Certifications:** Product is backed by ETL/FCC safety certifications.

For warranty claims or technical assistance, please refer to the contact information provided with your purchase documentation or visit the official Sofucor website.