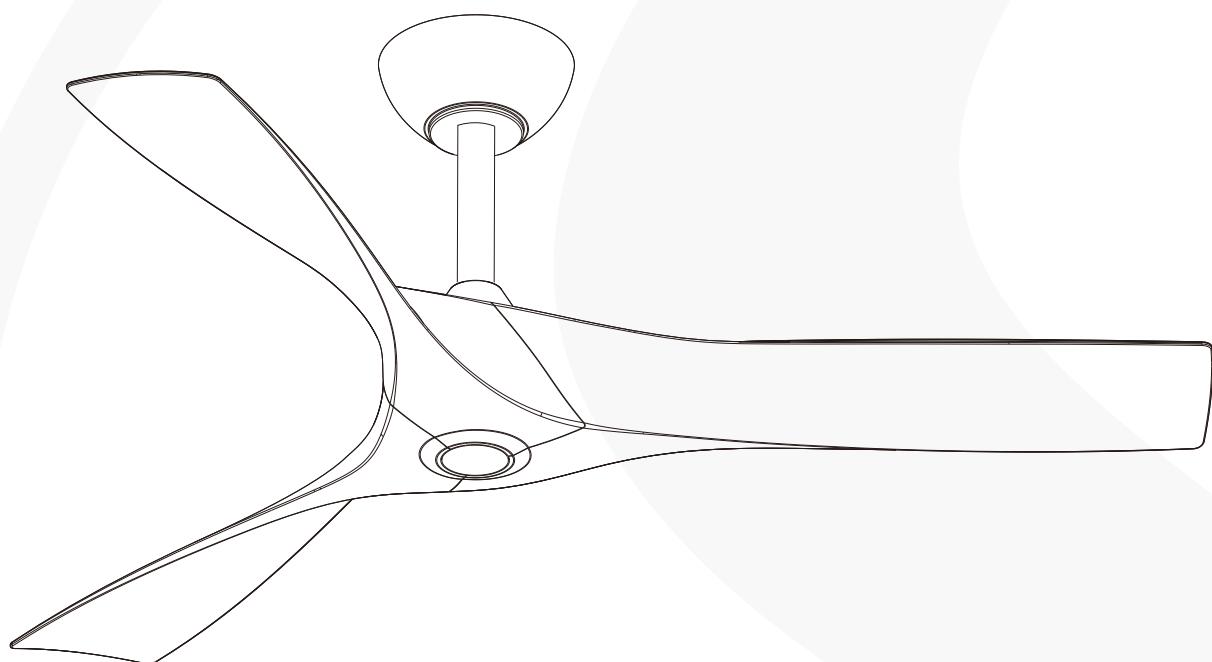


USE AND CARE GUIDE

KBS-52159-BK-DC-WD-QMW-60



•— 52-INCH CEILING FAN —•

Questions or Support?

Email:sofucor_service@163.com

Email:sofucorceilingfan@163.com

01) Safety Information

1. To reduce the risk of electric shock, ensure the electricity has been turned off at the circuit breaker or fuse box before you begin.
2. All wiring must be in accordance with the National Electrical Code ANSI/NFPA 70-1999 and local electrical codes. Electrical installation should be performed by a qualified licensed electrician.
3. The outlet box and support structure must be securely mounted and capable of reliably supporting 35 lbs. (15.9 kg). Use only UL Listed outlet boxes marked "Acceptable for Fan Support of 35 lbs. (15.9 kg) or less".
4. The fan must be mounted with a minimum of 7 ft. (2.1 m) clearance from the trailing edge of the blades to the floor.
5. Do not operate the reversing switch while the fan blades are in motion. You must turn the fan off and stop the blades before you reverse the blade direction.
6. Do not place objects in the path of the blades.
7. To avoid personal injury or damage to the fan and other items, use caution when working around or cleaning the fan.
8. Electrical diagrams are for reference only. Light kits that are not packed with the fan must be UL-listed and marked suitable for use with the model fan you are installing. Switches must be UL General Use Switches. Refer to the instructions packaged with the light kits and switches for proper assembly.
9. After making electrical connections, spliced conductors should be turned upward and pushed carefully up into the outlet box. The wires should be spread apart with the grounded conductor and the equipment-grounding conductor on one side of the outlet box.
10. All setscrews must be checked and re-tightened where necessary before installation.



WARNING: To reduce the risk of personal injury, do not bend the blade brackets (also referred to as flanges) during assembly or after installation. Do not insert objects in the path of the blades.



WARNING: Remove the rubber motor stops on the bottom of the fan before installing the blades or testing the motor.



WARNING: To reduce the risk of fire or electric shock, this fan is NOT suitable for use with solid-state speed controls.



WARNING: To avoid possible electrical shock, make sure that the electricity is turned off at the main power box before starting work. If you feel you do not have enough electrical wiring knowledge or experience, contact a licensed electrician.



WARNING: Electrical diagrams are for reference only. Optional use of any light kit shall be UL-listed and marked suitable for use with this fan.



WARNING: To reduce the risk of fire, electrical shock or personal injury, ensure that the fan mounting bracket is supported directly from the building structure or the outlet box marked "Acceptable for Fan Support of 35 lbs. (15.9 kg) or less". Use only the screws provided with the outlet box.

02) Warranty

The supplier warrants the fan motor to be free from defects in workmanship and material present at time of shipment from the factory for a lifetime after the date of purchase by the original purchaser. The supplier also warrants that all other fan parts, excluding any glass or acrylic blades, to be free from defects in workmanship and material at the time.

of shipment from the factory for a period of two years after the date of purchase by the original purchaser. We agree to correct such defects without charge or at our option replace with a comparable or superior model if the product is returned.

To obtain warranty service, you must present a copy of the receipt as proof of purchase. All costs of removing and re-installing the product are your responsibility. Damage to any part such as by accident, misuse, improper installation, or by affixing any accessories, is not covered by this warranty.

Because of varying climatic conditions this warranty does not cover any changes in brass finish, including rusting, pitting, corroding, tarnishing, or peeling. Brass finishes of this type give their longest useful life when protected from varying weather conditions. A certain amount of "wobble" is normal and should not be considered a defect.

Servicing performed by unauthorized persons shall render the warranty invalid. There is no other express warranty. Sofucor hereby disclaims any and all warranties, including but not limited to those of merchantability and fitness for a particular purpose to the extent permitted by law. The duration of any implied warranty which cannot be disclaimed is limited to the time period as specified in the express warranty. Some states do not allow a limitation on how long an implied warranty lasts, so the above limitation may not apply to you.

The retailer shall not be liable for incidental, consequential, or special damages arising out of or in connection with product use or performance except as may otherwise be accorded by law. Some states do not allow the exclusion of incidental or consequential damages, so the above exclusion or limitation may not apply to you. This warranty gives specific legal rights, and you may also have other rights which vary from state to state. This warranty supersedes all prior warranties. Shipping costs for any return of product as part of a claim on the warranty must be paid by the customer.

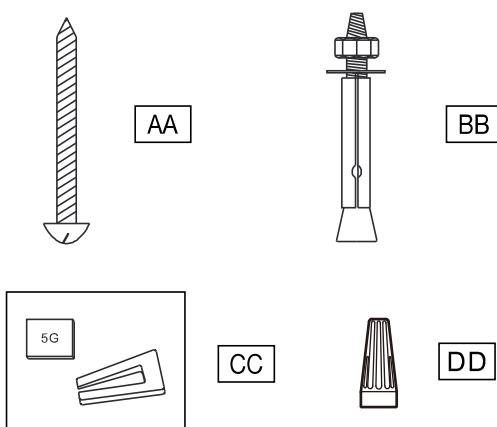
03) Pre-Installation

TOOLS REQUIRED



04) Pre-Installation(continued)

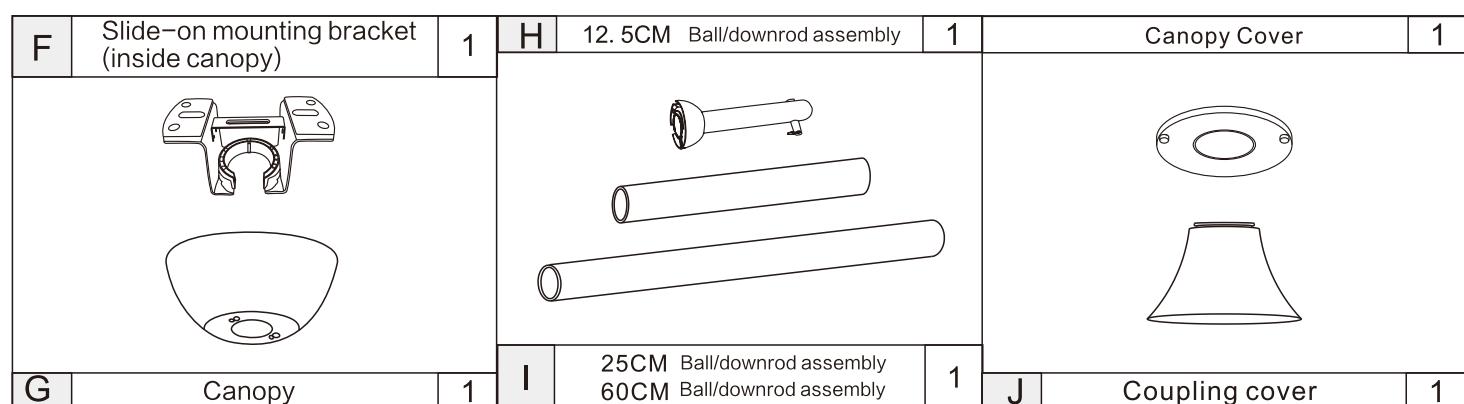
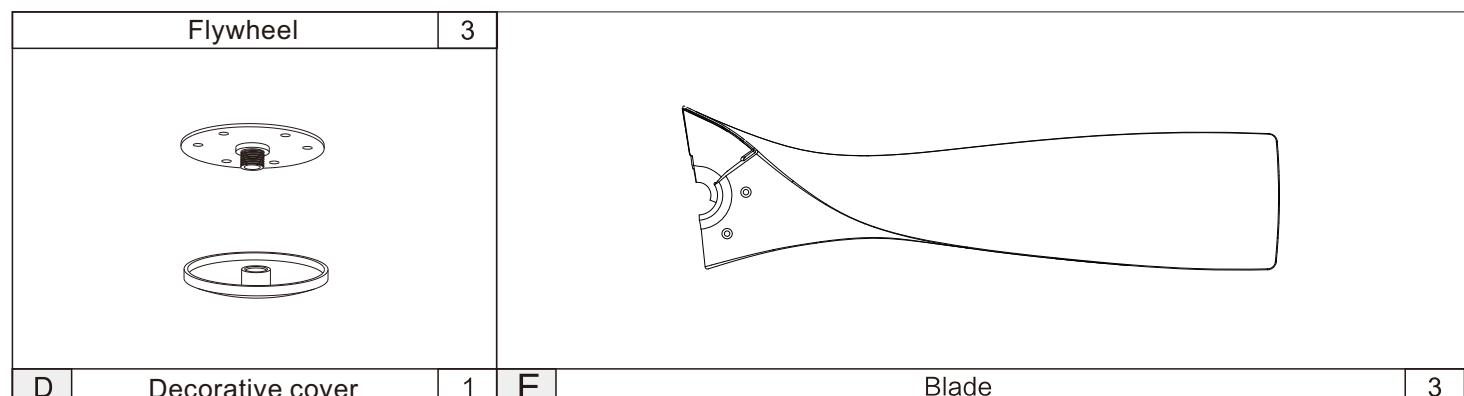
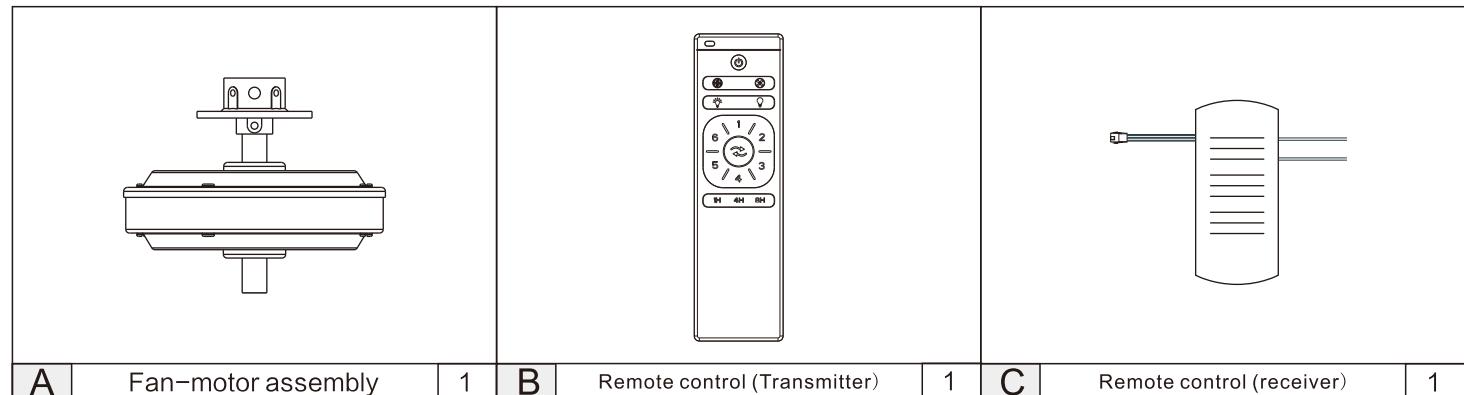
HARDWARE INCLUDED components table



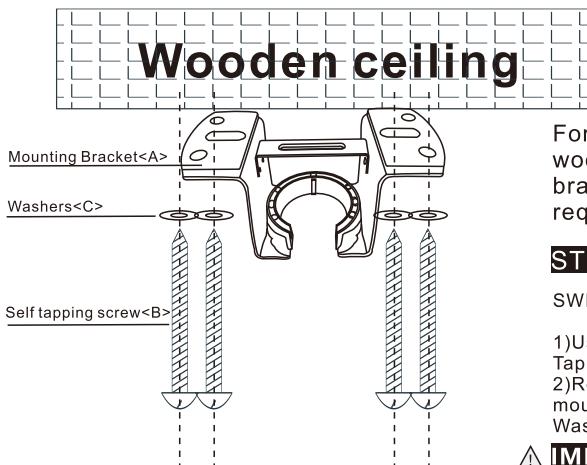
NOTE:Hardware not shown to actual size.

| | | |
|----|--------------------------------|---|
| AA | Mounting screws | 4 |
| BB | Expansion Bolts | 2 |
| CC | Balanced parts package | 1 |
| DD | Plastic wire nut(not to scale) | 5 |

PACKAGE CONTENTS



05) Installation of the hanging bracket(suspension part)



For wooden ceiling, use wood screw to drill on the wooden beam or the “junction box” to fix the hanging bracket (selection is made according to actual requirements of the customers).

STEP 1A-WOODEN CEILING

SWITCH OFF THE ELECTRICAL MAINS AT THE CIRCUIT BREAKER FUSE BOX.

- 1) Use the Mounting Bracket (A) as a guide, mark the spots where the 4 Self Tapping Screws (B) will be drilled.
- 2) Remove the Mounting Bracket (A), drill 4 holes for 3MM diameter, install the mounting bracket onto wooden ceiling with the 4 Self Tapping Screws (B) & Washers (C).

IMPORTANT : SCREWS MUST BE TIGHTENED TILL SNUG



⚠ Note: According to the ceiling of different materials, use different screws to fix the hanging bracket. Don't fix the hanging bracket on the wood ceiling less than 12MM to prevent danger caused by loosening of screws. After the hanging bracket is completed, ensure that it can withstand the tension test of more than 68KG for safety.

For concrete ceiling, use the percussion bit with diameter 8mm to drill holes according to the length of expansion screws. Then use the attached expansion screws to fix the hanging bracket onto the ceiling (selection is made according to actual requirements of the customers).

STEP 2A - CONCRETE CEILING

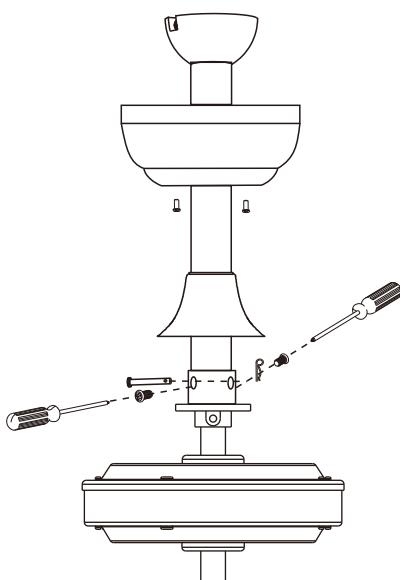
SWITCH OFF THE ELECTRICAL MAINS AT THE CIRCUIT BREAKER FUSE BOX.

- 1) Use the Mounting Bracket (A) as a guide, mark the spots where the 4 Expansion Bolts (B) will be drilled.
- 2) Remove the Mounting Bracket (A), drill 4 holes and insert 4 Expansion Bolts (2) into the concrete ceiling, install the mounting bracket and secure with Flat Washers (C), Spring Washers (D) and Nuts (E).

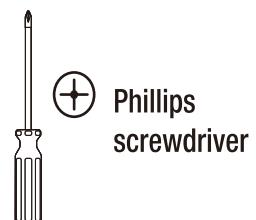
**IMPORTANT : SCREWS & NUTS MUST BE
TIGHTENED TILL SNUG**

06) Install the hanging part of the ceiling fan.

1. install downrod assembly

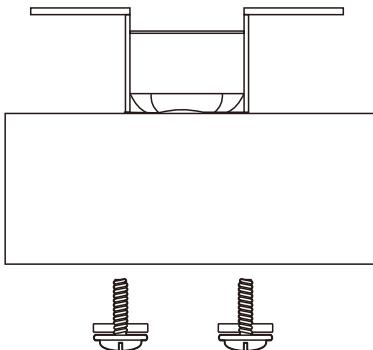


1. Thread the suspender through the suspended clock and coupling cover .
2. Then insert the tail of the suspender from the lifting head of the motor.
3. After the lateral pin is threaded out from the suspended head position, insert R type pin.
4. Tighten the lifting head screws.
5. Hang the fan of the hanging pipe into the hanger.



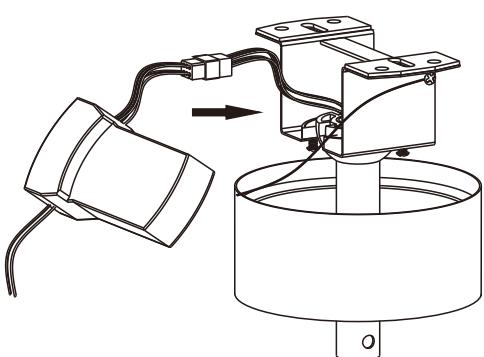
07) Assembly – Hanging the Fan(continued)

Preparing for mounting



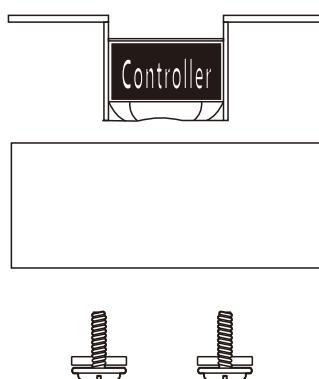
1. Remove the mounting bracket from the canopy by loosening the two canopy screws located in the L shaped slots.
2. Remove and save the two canopy screws in the round holes. This will enable you to remove the mounting bracket

Install remote control

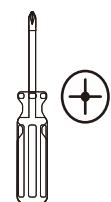


1. Carefully push the canopy to the bottom of the mounting bracket, make two sliding holes aligned to the two prominent screws on the mounting bracket, and then turn clockwise until tight.
2. Push the canopy ring to the bottom of the canopy, slide the inner holes aligned to the two prominent screws on the mounting bracket again, and turn the canopy ring clockwise until tight.

Preparing for mounting

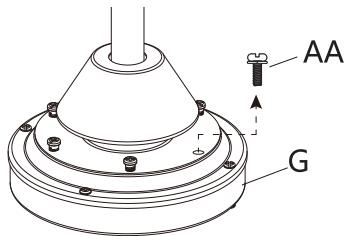


1. Remove the mounting bracket from the canopy by loosening the two canopy screws located in the L shaped slots.
2. Remove and save the two canopy screws in the round holes. This will enable you to remove the mounting bracket

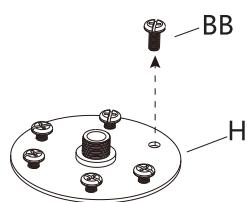


Phillips
screwdriver

08) Installation-blade and Light Parts



Remove the blade screws (AA) from the fan motor assembly (G).



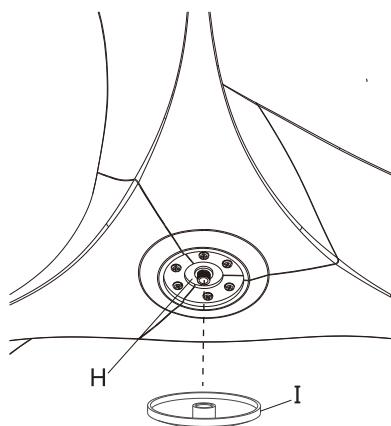
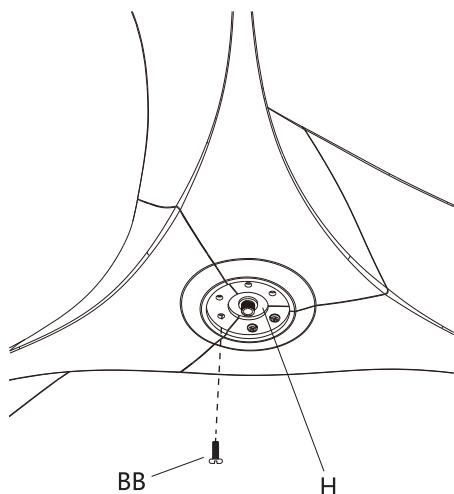
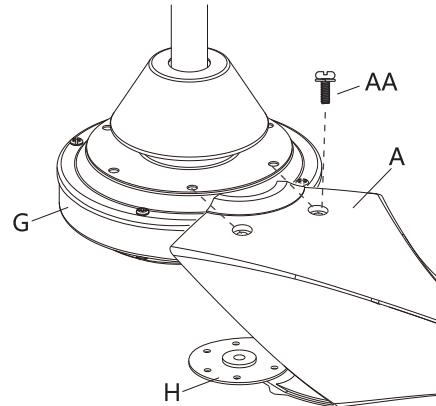
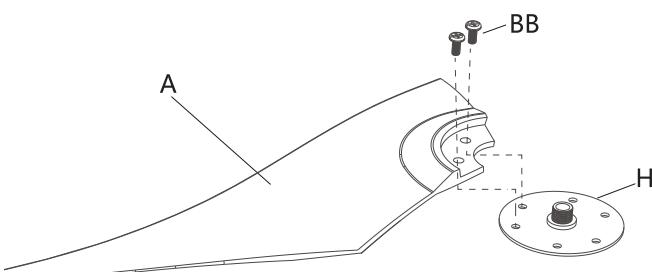
Remove the six flywheel screws (BB) from the flywheel(H).

Attach the flywheel (H) to one of the three blades (A) using two flywheel screws (BB).

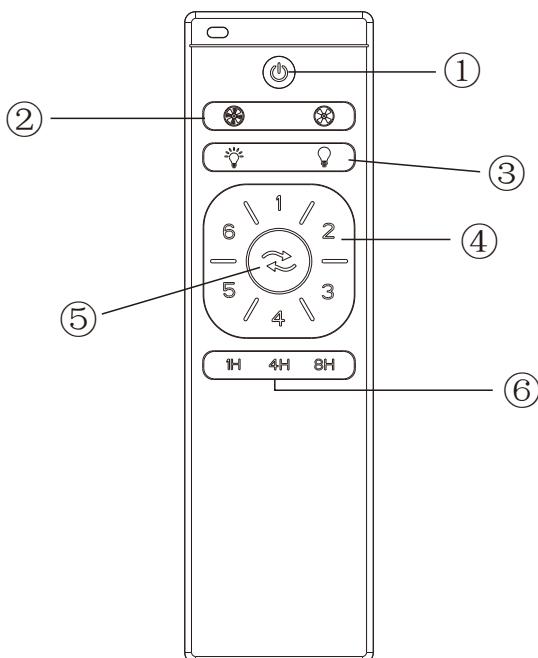
Attach the blade (A) with the flywheel (H) to the fan motor assembly (G) using two blade screws (AA) attach the other blades (A) to the fan motor assembly (G).

Reinstall the four flywheel screws (BB) to the flywheel (H).

Screw the decorative cover (I) to the flywheel (H). Ensure the decorative cover (I) is tight.



09) Use of remote control



- ① ALL OFF : Turn off the lights and fans at the same time
- ② Fan ON/Fan OFF
- ③ Light ON/Light OFF
- ④ Fan Control Keys
- ⑤ F / R : Changing fan run direction (15 sec)
- ⑥ Timer : It will turn off the light and the fan when the time is over

Note: the remote control must match the same code receiver

10) Remote control wiring diagram

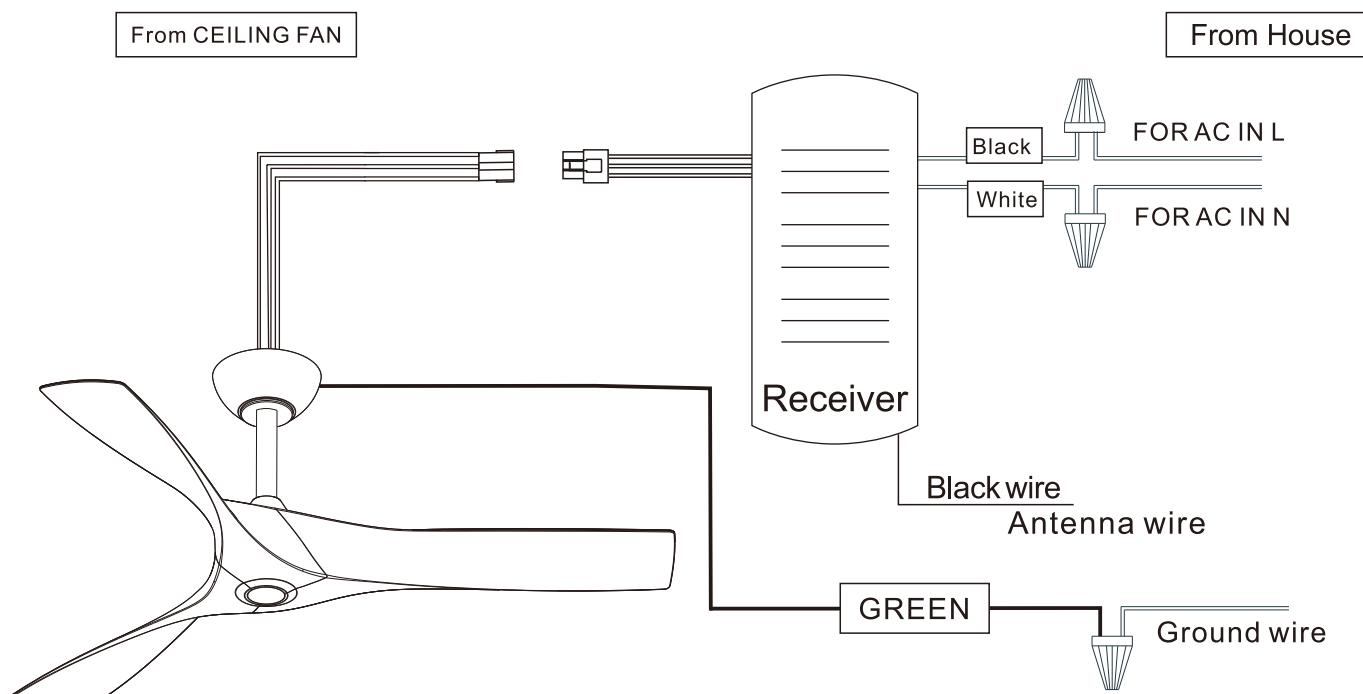


WARNING: Remove the rubber motor stops on the bottom of fan before installing the blades or testing the motor.



WARNING: Turn off the electric power during installation and making wire connection.

1. Connect the wire which from ceiling fan into the receiver.
2. Connect the wire from receiver with the wire from house.



11) Operation

OPERATING YOUR FAN

Turn on the fan and check the condition of the fan operation. And make sure that you can control the fan speed and light properly by the remote control .

The appropriate speed settings for warm or cool weather depends on factors such as the room size, ceiling height and number of fans.

The slide switch  controls the direction of the blades: forward (switch down) or reverse (switch up).

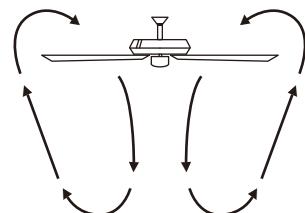


NOTE: Before reversing the direction of the blade rotation, please wait until the fan stops.

A. Warm Weather- Forward

Fan rotates anti-clockwise creating a downward airflow delivering a cooling effect.

Suitable for hot weather condition or air-conditioned condition.

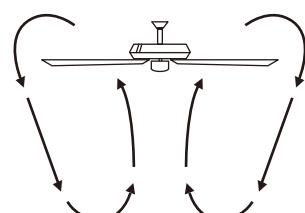


A. Warm Weather (summertime)

A. Winter Weather- Reverse

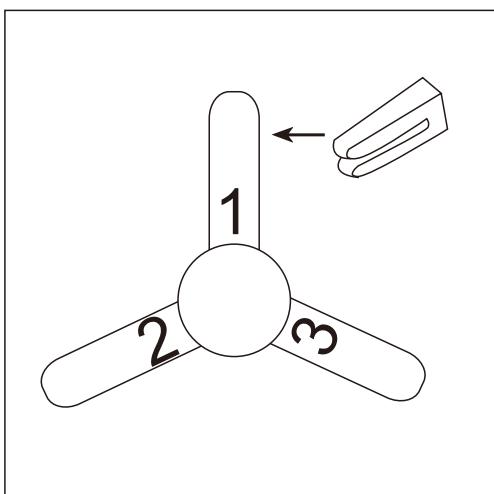
Fan rotates clockwise creating an upward airflow moving warm air off the ceiling areas. This function works best at lower fan speed.

Suitable for cold weather or air-conditioned condition.

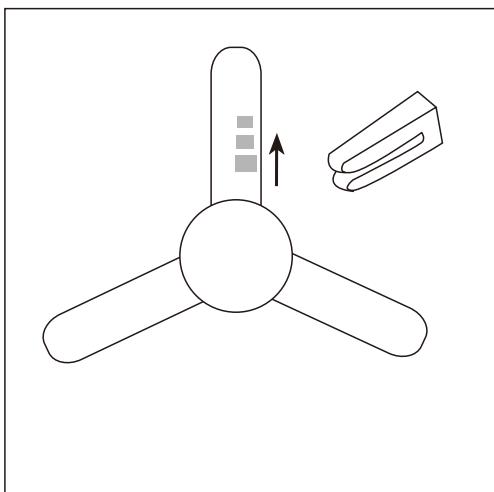


B. Cool Weather (wintertime)

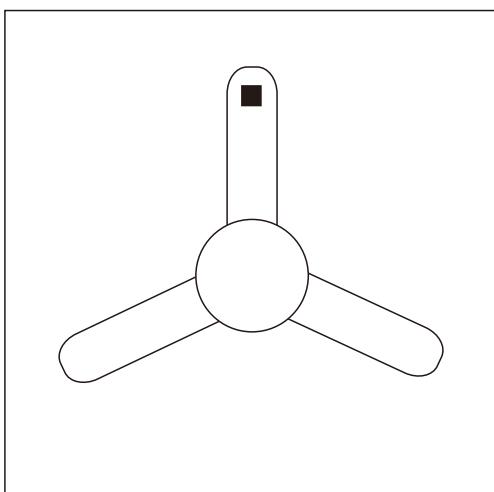
12) Fans Balance



Slide the balancing clip on the trailing edge of any blade, halfway between the holder and tip. Run the fan to check the wobble. If the wobble persists, repeat with each blade, noting which one most reduced the wobble.



Slide the clip in small increments away from the center of that blade. Move the clip, operate the fan, then move it again until you eliminate as much wobble as possible.



Stick the adhesive-backed balancing weight on the top center of the blade directly in line with the balancing clip. Add more weight if needed to get a smooth-running fan.

13) Care and Cleaning



WARNING: Make sure the power is off before cleaning your fan.

- Because of the fan's natural movement, some connections may become loose. Check the support connections, brackets, and blade attachments twice a year. Make sure they are secure. It is not necessary to remove the fan from the ceiling.
- Clean your fan periodically to help maintain its new appearance over the years. Do not use water when cleaning, as this could damage the motor or the wood, or possibly cause an electrical shock. Use only a soft brush or lint-free cloth to avoid scratching the finish. The plathing is sealed with a lacquer to minimize discoloration or tarnishing.
- You can apply a light coat of furniture polish to the wood for additional protection and enhanced beauty. Cover small scratches with a light application of shoe polish.
- You do not need to oil your fan. The motor has permanently-lubricated sealed ball bearings.

14) Troubleshooting

| Problem | Solution |
|-------------------------|--|
| The fan will not start. | <ul style="list-style-type: none"><input type="checkbox"/> Check the main and branch circuit fuses or breakers.<input type="checkbox"/> Check the line wire connections to the fan and switch wire connections in the switch housing. |
| The fan will not start. | <ul style="list-style-type: none"><input type="checkbox"/> Ensure all motor housing screws are snug.<input type="checkbox"/> Ensure the screws that attach the fan blade bracket to the motor hub are tight.<input type="checkbox"/> Ensure the wire nut connections are not rattling against each other or the interior wall of the switch housing.<input type="checkbox"/> Allow a 24-hour "breaking in" period. Most noises associated with a new fan disappear during this time.<input type="checkbox"/> If you are using the Ceiling Fan light kit, ensure the screws securing the glassware are tight. Check that the light bulbs are also secure.<input type="checkbox"/> Ensure the canopy is a short distance from the ceiling. It should not touch the ceiling.<input type="checkbox"/> Ensure your outlet box is secure and rubber isolator pads were used between the mounting plate and outlet box. |
| The fan wobbles. | <ul style="list-style-type: none"><input type="checkbox"/> Check that all blade and blade arm screws are secure.<input type="checkbox"/> Most fan wobble problems are caused when blade levels are unequal. Check this level by selecting a point on the ceiling above the tip of one of the blades. Measure from a point on the center of each blade to the point on the ceiling. Measure this distance. Rotate the fan until the next blade is positioned for measurement. Repeat for each blade. Any measurement deviation should be within 1/8 in. Run the fan for ten minutes. If the fan continues to wobble please contact Customer Service and a balancing kit will be sent to you. |

