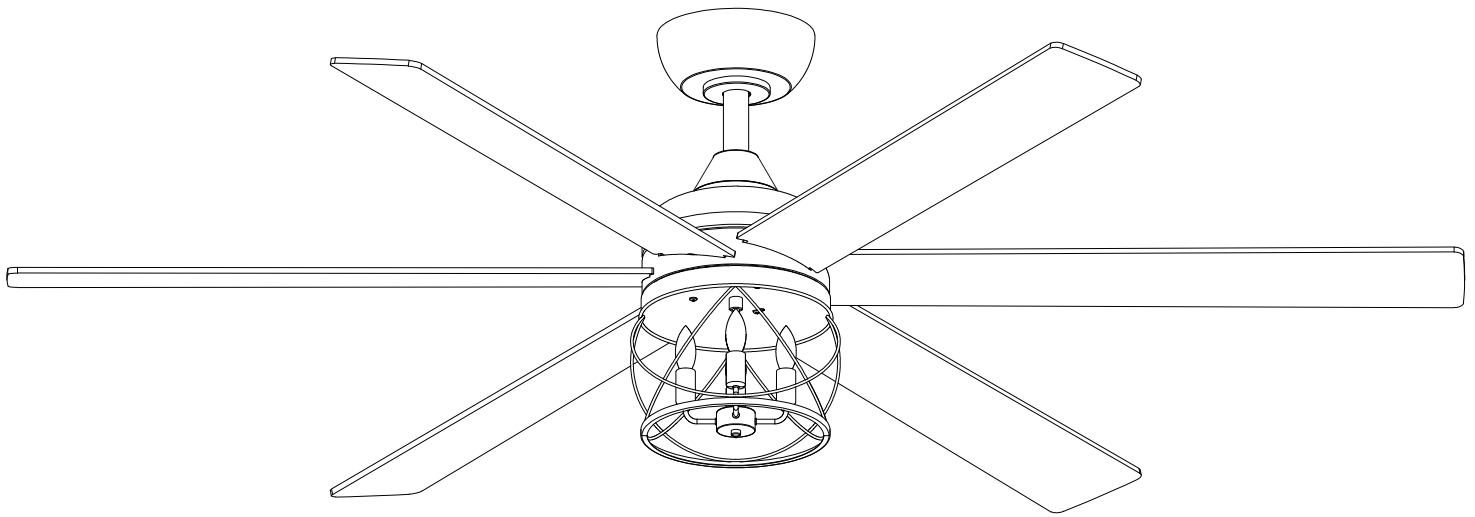


Ceiling Fan with Light

Instruction Manual



Read and save these instructions

SAFETY RULES

1. **WARNING:** To reduce the risk of shock, this fan must be installed with an isolating wall control/switch.
2. To reduce the risk of electric shock, ensure electricity has been turned off at the circuit breaker or fuse box before beginning.
3. All wiring must be in accordance with the National Electrical Code and local electrical codes. Electrical installation should be performed by a qualified licensed electrician.
4. **WARNING:** To reduce the risk of personal injury, use only the two steel screws (and lock washers) provided with the outlet box for mounting to the outlet box. Most outlet boxes commonly used for the support of lighting fixtures are not acceptable for fan support and may need to be replaced, consult a qualified electrician if in doubt.
5. The outlet box and support structure must be securely mounted and capable of reliably supporting a minimum of 50 pounds. Use only CUL Listed outlet boxes marked **"FOR FAN SUPPORT"**.
6. The fan must be mounted with a minimum of 7 feet clearance from the trailing edge of the blades to the floor.
7. For fans with manual reverse, do not operate reversing switch while fan blades are in motion. Fan must be turned off and blades stopped before reversing blade direction.
8. Avoid placing objects in the path of the blades.
9. To avoid personal injury or damage to the fan and other items, be cautious when working around or cleaning the fan.
10. Do not use water or detergents when cleaning the fan or fan blades. A dry dust cloth or lightly dampened cloth will be suitable for most cleaning.
11. After marking electrical connections, spliced conductors should be turned upward and pushed carefully up into outlet box. The wires should be spread apart with the grounded conductor and the equipment-grounding conductor on one side of the outlet box.
12. Electrical diagrams are reference only. Light kit that are not packed with the fan must be CUL Listed and marked suitable for use with the model fan you are installing. Switches must be CUL General Use Switches. Refer to the Instructions packaged with the light kits and switches for proper assembly.

WARNING

TO REDUCE THE RISK OF FIRE, ELECTRIC SHOCK OR PERSONAL INJURY, MOUNT FAN TO OUTLET BOX MARKED "ACCEPTABLE FOR FAN SUPPORT".

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.

PREPARATION

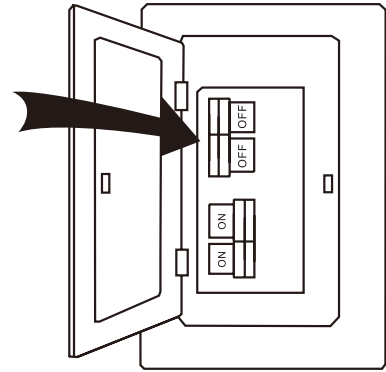
1

Turn off Your Power

Before starting installation, remove fuses or turn off the circuit breakers for the circuit you will be working on. If a compatible UL-listed junction box is already installed, you may use it

Warning

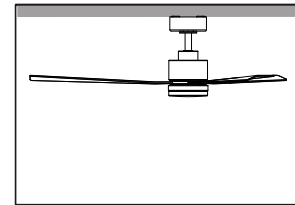
Failure to disconnect power before installation can cause severe electric shock, serious injury, or death



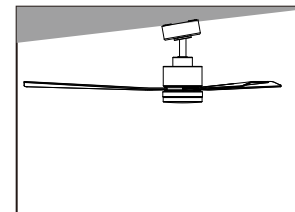
2

Choose Your Mounting Position

If you need to install a new UL listed junction box, secure it directly to your building's structure using appropriate fasteners and materials. **DO NOT** use plastic boxes. The junction box and its supports **MUST** be able to support the **MOVING** weight of the fan (at least 50 lb. or 23 kg) and be rated for fan support. The junction box should create a level surface for the fan that is **NOT** sloped greater than 10 degrees from horizontal in any direction



Use **ONLY** on Flat Ceilings (10)

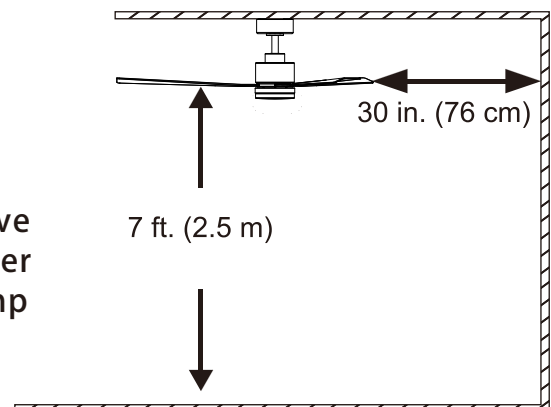


DO NOT Use on Steep Slopes

3

Choose a Suitable Location

Ensure the blades will be at least 30 inches (76 cm) from any obstruction and at least 7 feet (2.5 m) above the floor. In locations without a ceiling joist, a hanger support bar may be required **DO NOT** install in damp locations



1. TOOLS AND MATERIALS REQUIRED

- Philips screw driver
- Blade screw driver
- Step ladder
- Wire cutters

*The above tools are not included in the package and must be prepared separately.

2. MOUNTING OPTIONS

If there isn't an existing CUL listed mounting box, then read the following instructions. Disconnect the power by removing fuses or turning off circuit breakers.

Secure the outlet box directly to the building structure. Use appropriate fasteners and building materials. The outlet box and its support must be able to fully support the moving weight of the fan (at least 50 lbs). Do not use plastic outlet boxes.

Figures 1, 2 and 3 are examples of different ways to mount the outlet box.

Note: You may need a longer downrod to maintain proper blade clearance when installing on a steep, sloped ceiling. (Fig. 3)

To hang your fan where there is an existing fixture but no ceiling joist, you may need an installation hanger bar as shown in (Fig.4)

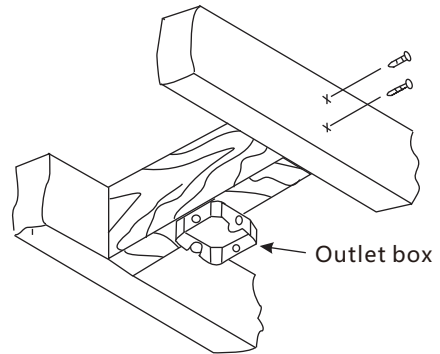
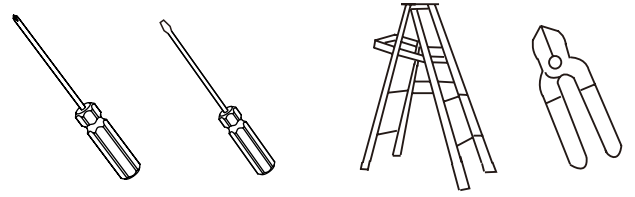


Figure 1

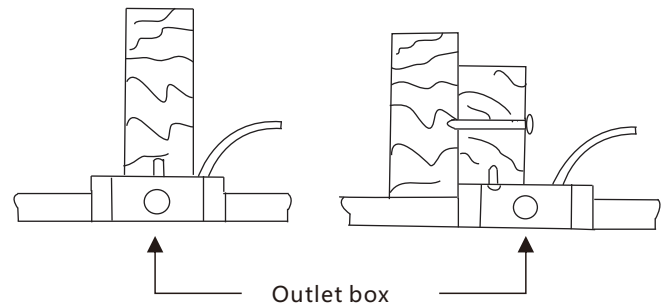


Figure 2

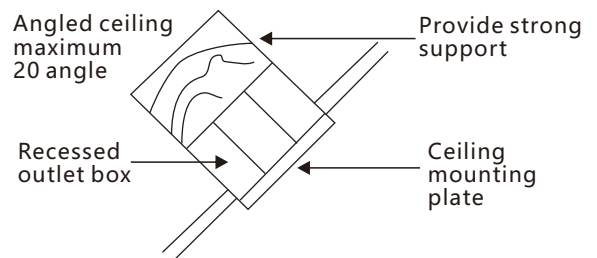


Figure 3

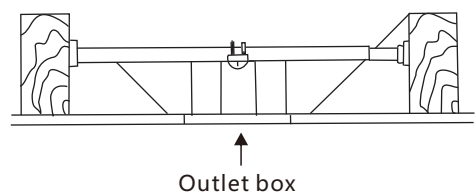
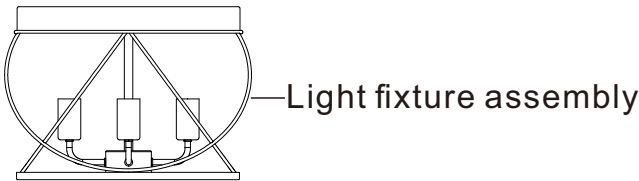
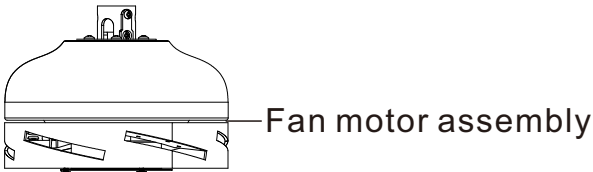
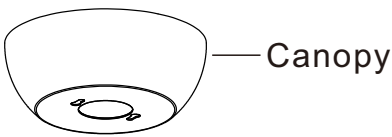
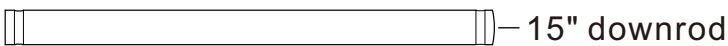
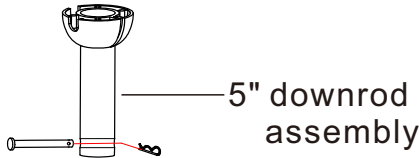


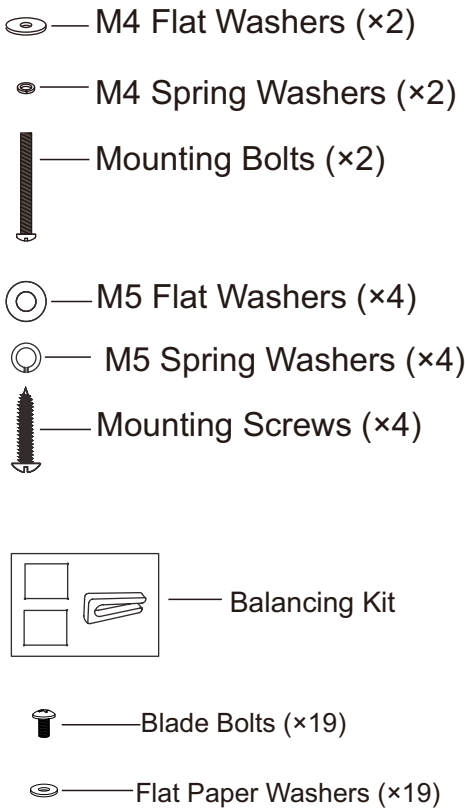
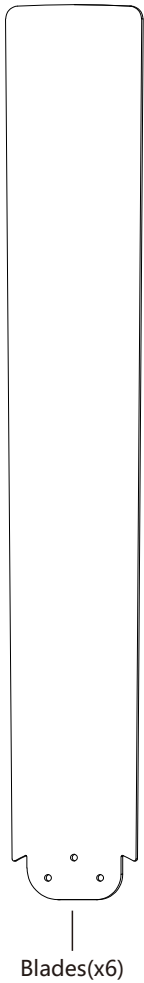
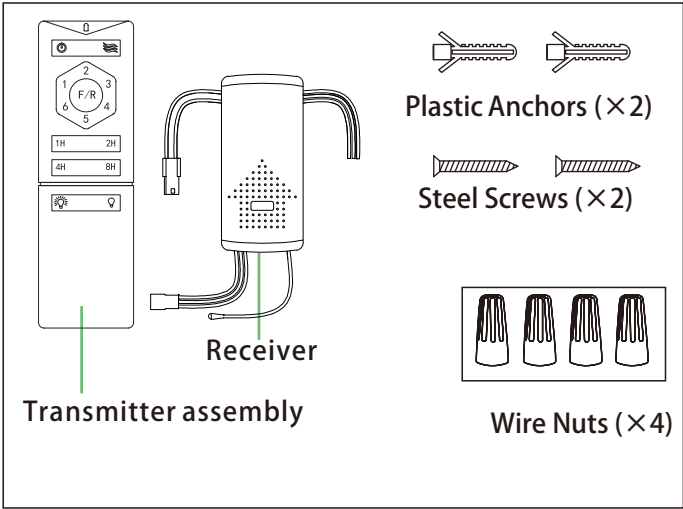
Figure 4

3. PACKAGE CONTENTS

Unpack your fan and check the contents.
You should have the following items:



Note: Bulb not included;
purchase separately (E12 base).



4. ATTACHING THE FAN BLADES

Step 1. Align the holes of the blade with the holes at the bottom of the blade holder disc.(Fig.5)

Step 2. Making sure the blade is straight, attach 3 blade bolts to secure it in place.(Fig.5)

Step 3. Repeat for the remaining blades.(Fig.5)

*There is no need to distinguish the front and back when installing this fan blade

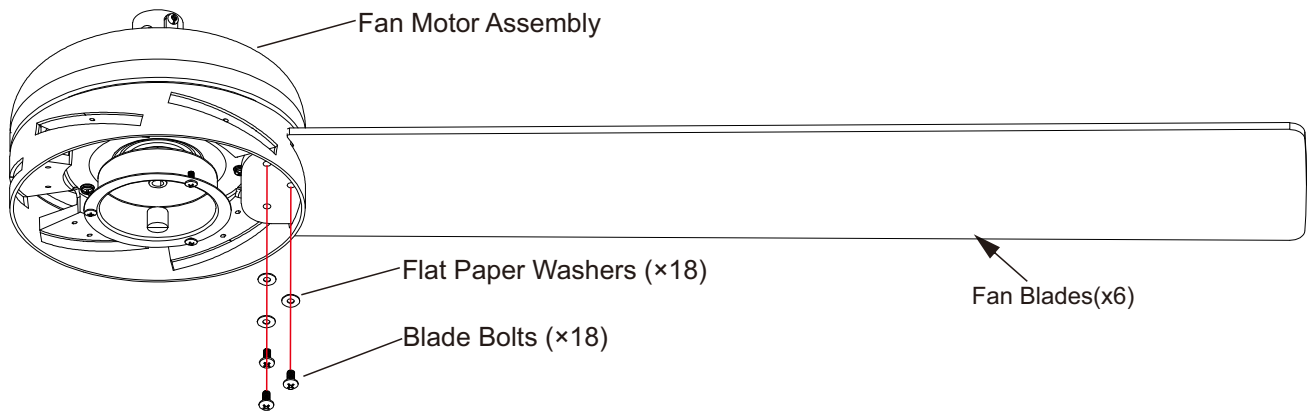


Figure 5

5. ATTACHING THE LED LIGHT KIT

Step 1. Remove one screws from light kit adapter. (**Do not discard**)
(Fig. 6)

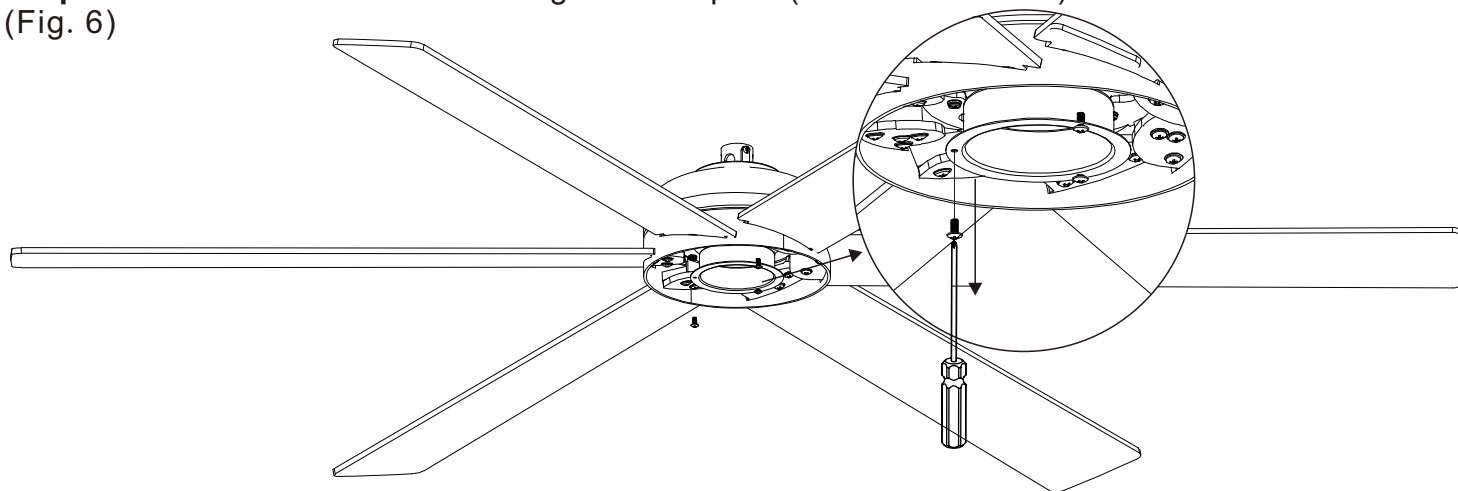


Figure 6

Step 2. Connect the light-kit wires to the main-unit wires by matching colors.(Fig.7)

Step 3. Tuck the wires into the junction box, align the keyholes on the light kit with the two screws underneath the main unit, push in and rotate until seated, then reinstall and tighten the screws removed in step 1.(Fig.7)

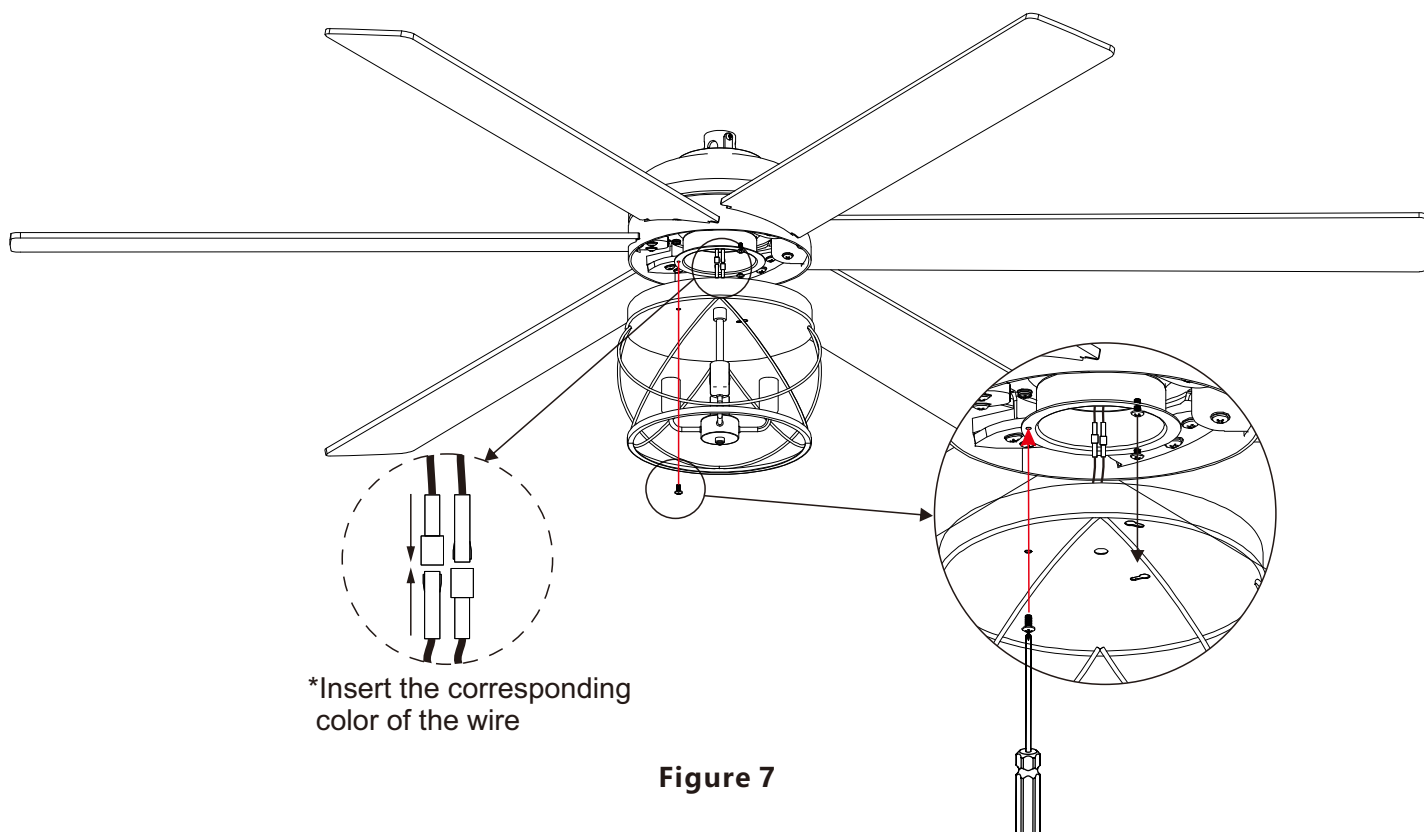


Figure 7

6. HANGING THE FAN

REMEMBER to turn off the power. Follow the steps below to hang your fan properly :

Step 1. Pass the 120-volt supply wires through the center in the ceiling hanger bracket as shown in (Fig. 8)

Step 2. Secure the hanger bracket to the ceiling outlet box with the screws and washers provided.

Step 3.

a. Remove hanger ball from downrod assembly by loosening set screw, removing the cross pin, and sliding hanger ball off downrod.

b. Remove the hanger pin, locking pin from the downrod assembly, and loosen the set screws from the coupling (Fig. 9)

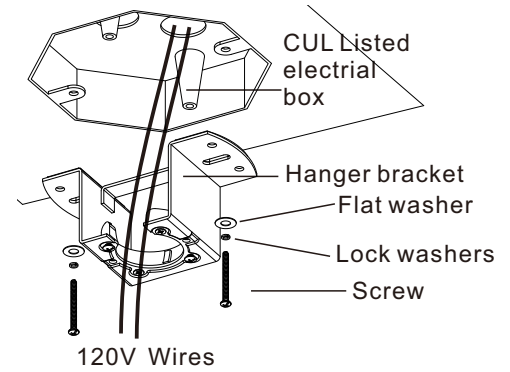


Figure 8

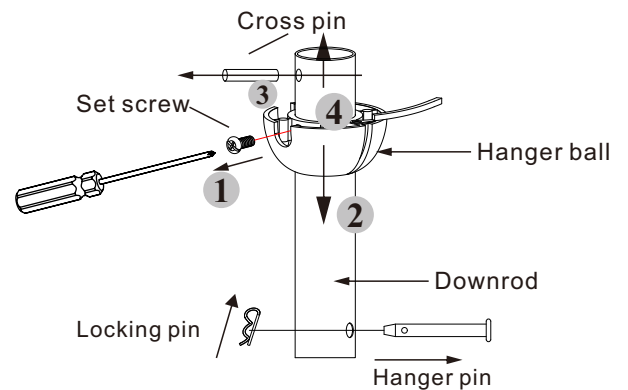


Figure 9

Step 4. Route the wires and safety cable coupler exiting from the top of the fan motor through the coupling cover, canopy cover and canopy, then through the ball/downrod. (Fig. 10)

Step 5. Thread downrod into the motor coupling until the holes on the downrod and coupling are lined up (Fig. 10) Carefully insert the hanger pin through the holes in the collar and downrod. Be careful not to jam the pin against the wiring inside the downrod. Insert the locking pin through the hole near the end of the hanger pin until it snaps into its locked position, as shown in the circle inset of (Fig. 10)

Step 6. Tighten two set screws against the downrod on the coupling firmly. (Fig. 10)

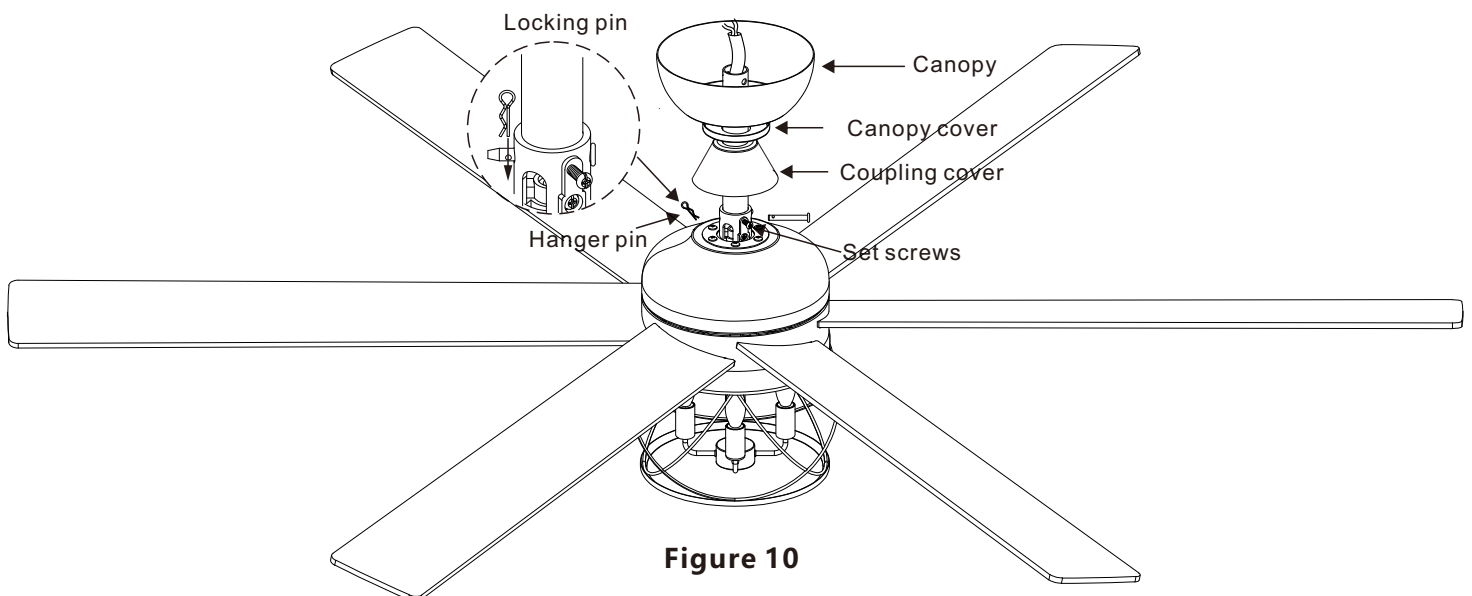


Figure 10

Step 7.

1.Reinstall the hanger ball on downrod using the reverse steps from (Step 3) (Fig.11)

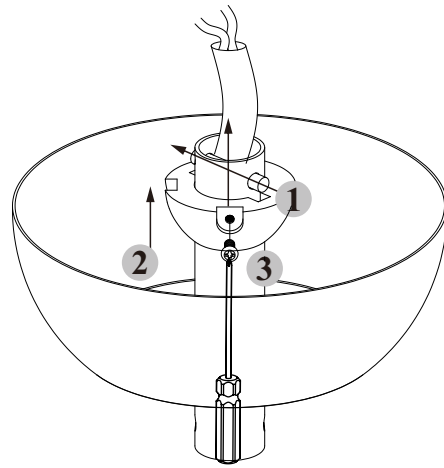


Figure 11

Step 8. Place the downrod ball into the hanger bracket socket. (Fig. 12) And rotate fan and downrod assembly until tab on bracket lines up with slot on ball.

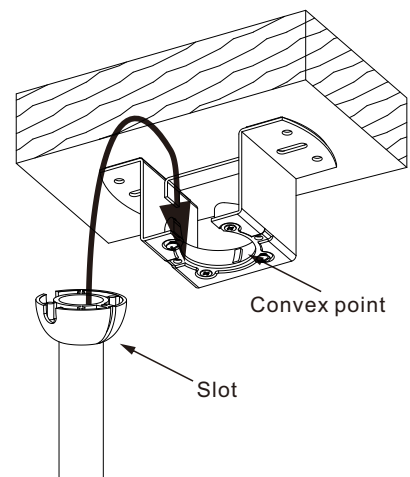


Figure 12

WARNING: Ensure power is OFF before installing bulb; risk of electric shock if lamp is live.

Step 9. Screw the bulb into the socket following the thread direction; ensure it is fully seated to prevent it from falling. (Fig.13)

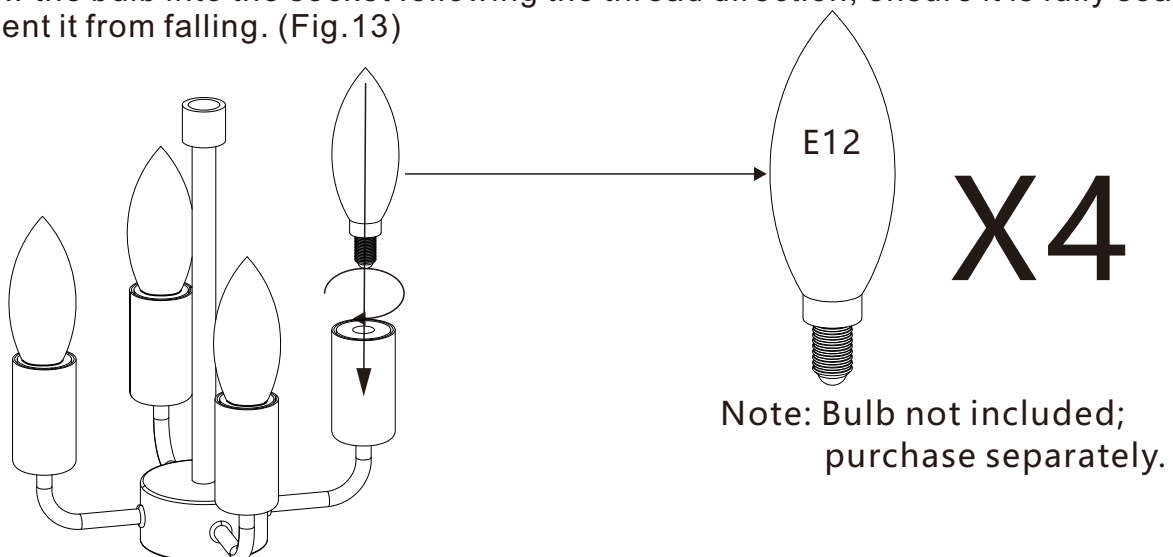


Figure 13

7.MAKE THE ELECTRICAL CONNECTIONS

WARNING: To avoid possible electrical shock, be sure electricity is turned off at the main fuse box before wiring.

Step 1. (Fig. 14) Insert the receiver into the hanger bracket with the flat side of the receiver facing the ceiling.

Electrical connection from the motor to the receiver: (Figure 15)

Fan motor wiring connection:

Connect the wires of the motor (red, black and white wires) to the corresponding colored plugs.

Light wiring connection:

Connect the wires of the light (blue and white wires) to the corresponding colored plugs on the receiver.

Step 2. (Fig.15) Receiver to House Supply Wires Electrical Connections: Connect the Black (hot) wire from the ceiling to the black wire marked "AC in L" from the receiver. Connect the white (neutral) wire from the ceiling to the white wire marked "AC in N" from the Receiver. Secure the wire connections with the plastic wire nuts provided.

Step 3. (Fig.15) If your outlet box has a ground wire (green or bare copper) connect it to the fan ground wires and the receiver ground wire; otherwise connect the hanging bracket ground wire to the fan and the receiver ground wire. Secure the wire connection with a plastic nut provided. After connecting the wires, spread them apart so that the green and white wires are on one side of the outlet box and other wires are on the other side. Carefully tuck the wire connections up into the outlet box.

Note: Fan must not be installed at too far a distance from the transmitting unit for proper signal transmission between the transmitting unit and the fan's receiving unit.

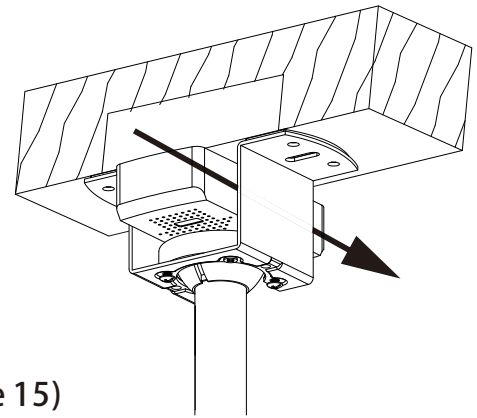


Figure 14

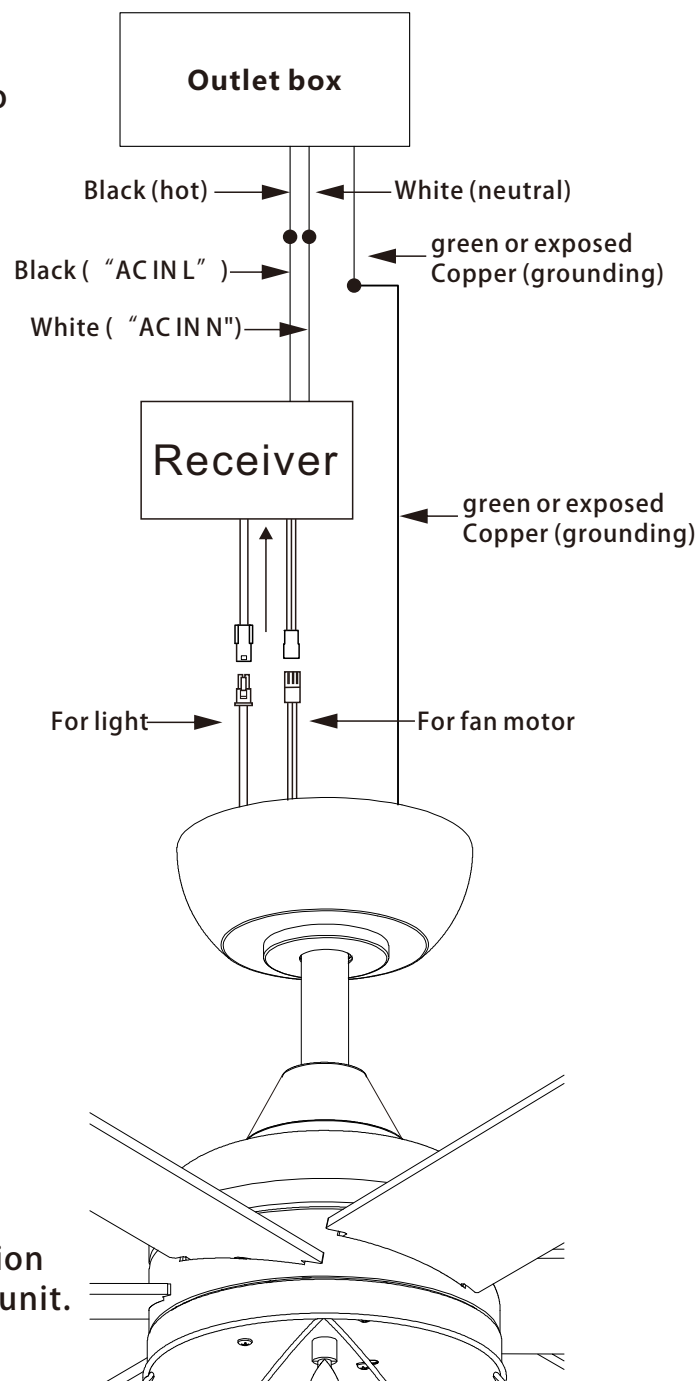


Figure 15

8. FINISHING THE INSTALLATION

Step 1. Tuck connections neatly into ceiling outlet box.

Step 2. Loosen the two screws on the bracket. Slide the canopy up to hanger bracket and place the key hole on the canopy over the screw on the hanger bracket, turn canopy until it locks in place at the narrow section of the key holes then tighten the two screws.(Fig.16)

Step 3. Place the magnetic canopy cover over canopy.

WARNING: Make sure tab at bottom of hanger bracket is properly seated in groove of hanger ball before attaching canopy to bracket. Failure to properly seat tab in groove could cause damage to electrical wiring.

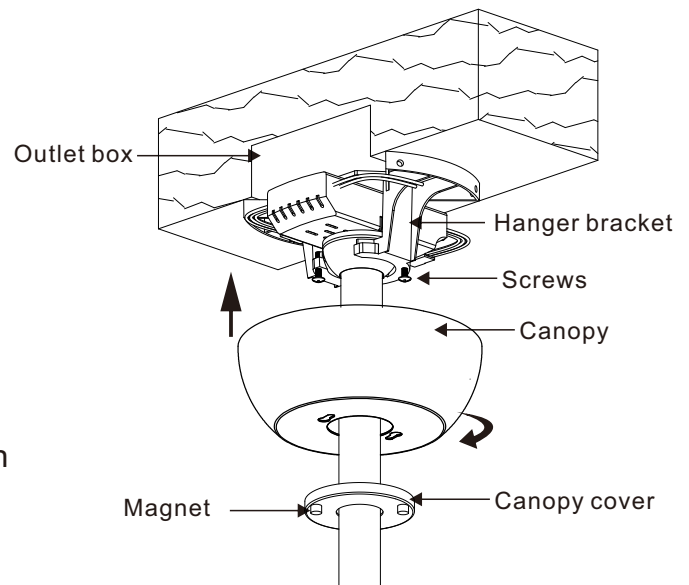
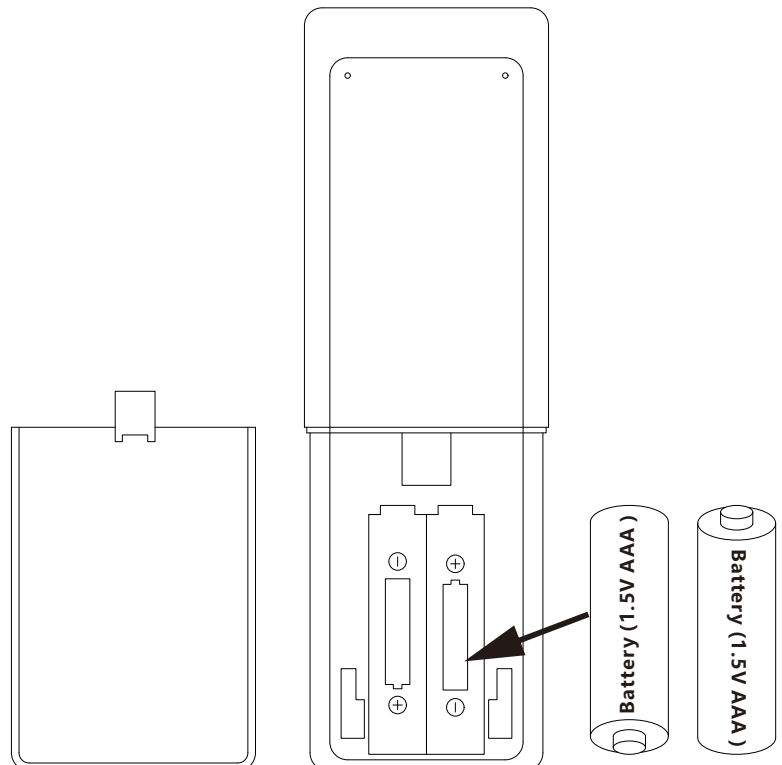


Figure 16

9. INSTALLING THE BATTERY

Remove the back cover on the transmitter and install two 1.5V batteries included with the remote control.



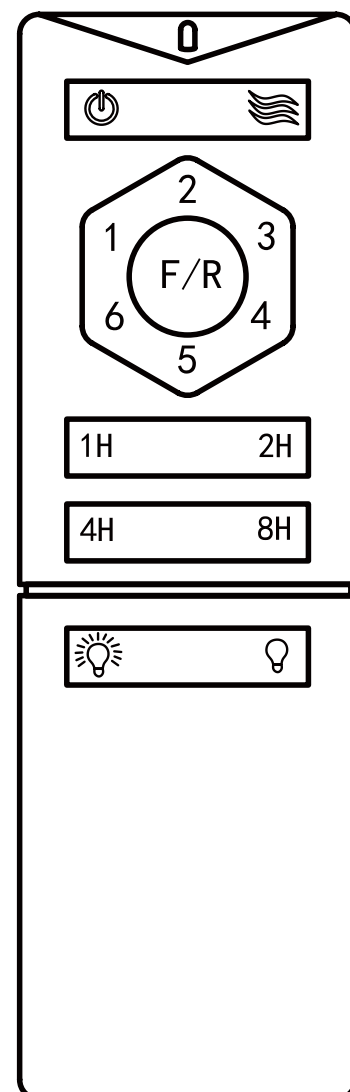
10. OPERATING YOUR TRANSMITTER

The receiver and transmitter are already prepared with each other in the production process, however, if you find the fan is not operating properly or there is interference from another fan, you can pair by the following actions.

Within 10 seconds of turning on the power, press the “” key on the transmitter for 5 seconds, the fan will beep, indicating the transmitter and fan are now paired and ready to operate.

Note: If you have more than one fan in close proximity, you will need to make sure the power to the other fan is off when doing this learning process. Otherwise, you may get interference between the two fans.

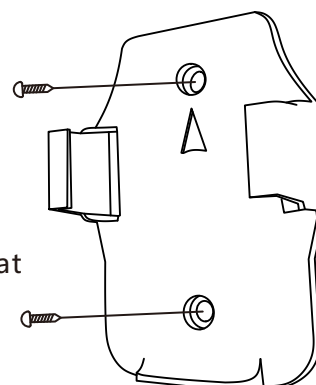
Key	Function
	Turns the fan off
	Runs the fan in preset mode, alternately upshifting and downshifting the speed level (when pressed).
1-6	Starts the fan at the indicated speed level from low (1) to high (6)
F/R	Press the key when the fan is running, and the fan will automatically stop and rotate in the opposite direction.
1H	Runs the fan for 1 hour and then turns it off
2H	Runs the fan for 2 hours and then turns it off
4H	Runs the fan for 4 hours and then turns it off
8H	Runs the fan for 8 hours and then turns it off
	Turns the light on
	Turns the light off



Caution

You can press "F/R" when the fan is running to control the rotation direction of the fan, it will **automatically stop** and **reverse rotation**

If needed, install the remote control holder onto a wall or any other suitable flat surface using appropriate fasteners. For wood or other thinner and weaker surfaces, use the provided steel screws and plastic anchors. For reinforced concrete or similar surfaces, use anchor bolts for best results.



11. TROUBLESHOOTING

Problem	Solution
Fan will not start.	1. Check circuit fuses or breakers. 2. Check line wire connections to the fan . CAUTION: Make sure main power is off.
Fan sounds noisy.	1. Make sure all motor housing screws are snug. 2. Make sure the screws that attach the fan blade bracket to the motor hub is tight. 3. Make sure wire nut connections are not rubbing against each other or the interior wall of the switch housing. CAUTION: Make sure main power is off. 4. Allow a 24-hour "breaking-in" period. Most noise associated with a new fan disappear during this time. 5. If using an optional light kit, make sure the screws securing the glassware are tight. Check that light bulb is also secure. 6. Do not connect the fan with wall mounted variable speed control(s). 7. Make sure the upper canopy is a short distance from the ceiling. It should not touch the ceiling.
Remote control malfunction.	1. Do not connect the fan with wall mounted variable speed control(s). 2. Re-do learning process.
Fan wobble.	1. Check that all blade and blade arm screws are secure. 2. Most fan wobbling 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 this distance. Rotate the fan until the next blade is positioned for measurement. Repeat for each blade. The distance deviation should be equal within 1/8". 3. If the blade wobble is still noticeable, interchanging two adjacent (side by side) blades can redistribute the weight and possibly result in smoother operation.

WARNING: TO REDUCE THE RISK OF PERSONAL INJURY, DO NOT BEND THE BLADE ARM WHILE INSTALLING, BALANCING THE BLADES, OR CLEANING THE FAN. DO NOT INSERT FOREIGN OBJECTS BETWEEN ROTATING FAN BLADES.