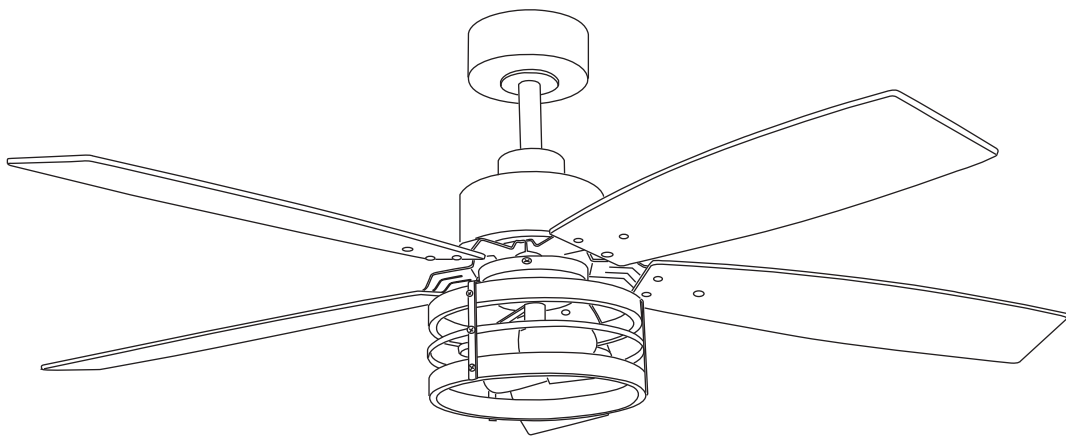# INSTALLATION & USER MANUAL

CEILING FAN WITH LIGHT

ITEM# 29018

Customer Service:support@ceilingfanhelp.com

Table of Contents

Safety Information

READ AND SAVE THESE INSTRUCTIONS.

1. To reduce the risk of electric shock, ensure the power is turned off at the circuit breaker or fuse box before installation.

2. All wiring must be in accordance with the National Electrical Code "ANSI/NFPA 70" 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 a minimum of 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. Do not place objects in the path of the blades.

5. To clean the fixture,turn off the power, wait for it to cool, and wipe the fixture with a clean, soft cloth.

6. After making electrical connections, spliced conductors should be turned upward and carefully pushed 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 and ungrounded conductor on the other side of the outlet box.

7. All set screws must be checked and retightened where necessary before installation.

⚠ **WARNING:** To reduce the risk of electrical shock or fire, do not use this fan with any solid-state fan speed control device. Such use will permanently damage its electronic circuitry.

⚠ **WARNING:** To reduce the risk of personal injury, do not bend the blade brackets during installation, blade balancing, or fan cleaning.

⚠ **WARNING:** To reduce the risk of fire, electric shock or personal injury, mount to outlet box marked "acceptable for fan support of 35 lbs. (15.9 Kg) or less" and use screws provided with the outlet box.

⚠ **WARNING:** To avoid possible electrical shock, turn the electricity off at the main fuse box before wiring.

⚠ **WARNING:** To reduce the risk of electrical shock, this fan should not be installed with an isolating wall control or switch, as it may cause incompatibility issues.

⚠ **CAUTION:** To reduce the risk of personal injury, use only the screws provided with the outlet box.

⚠ **CAUTION:** Please use carefully when working around or cleaning the fan to avoid injury or damage to the fan.
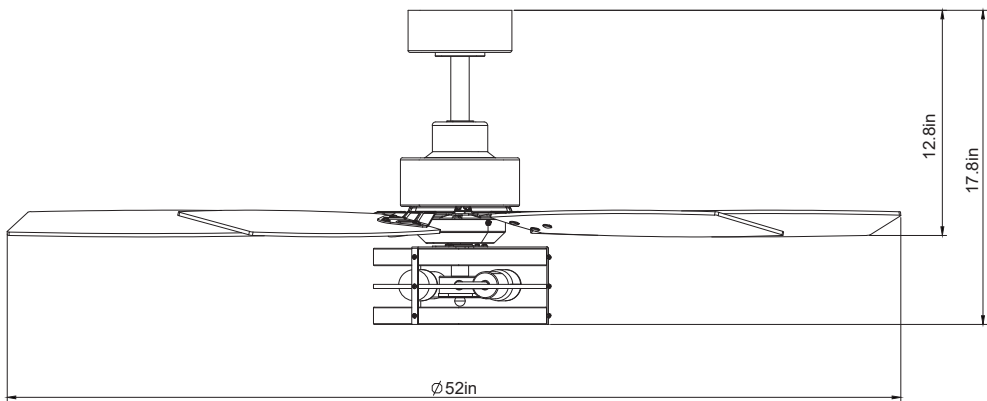
⚠ **CAUTION:** The fan must be mounted with a minimum of 7 ft (2.1 m) clearance from the trailing edge of the blades to the floor.
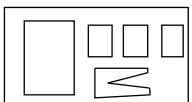
⚠ **CAUTION:** Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.
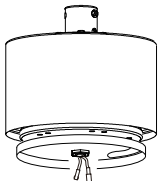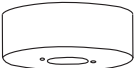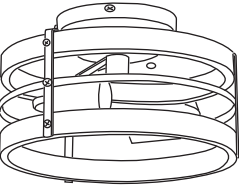
Dimension Reference

12.8in

17.8in

Ø52in

Hardware Included

		Hardware Package	Quantity
S1	S9	S1. Machine Screw	2
S2	S10	S2. Machine Screw	2
S3	S11	S3. Wood Screw	4
S4		S4. Wire Nut	9
S5		S5. Lock Washer	4
S6	S12	S6. Washer	4
S7	S13	S7. Lock Washer	4
S8	S14	S8. Washer	4
		S9. Blade Screw	16
		S10. Fibre Washer	16
		S11. Balance Kit	1
		S12. Spare Screw	1
		S13. Star Washer	2
		S14. Blade Nut	16

Fan Parts Included

Item Name	Quantity
1. Mounting Bracket	1
2. Downrod	1
3. Canopy	1
4. Canopy Cover	1
5. Yoke Cover	1
6. Motor Assembly	1
7. Blade Bracket	5
8. Light KIt	1
9. Remote Control(Batteries not included)	1
10. Blade	5

1

2

3

4

5

6

7

8

9

10

Exploded View

Mounting Bracket

Hanger Ball

Canopy

Canopy Screws

Canopy Cover

Yoke Cover

Cotter Pin

Bolt

Motor Assembly

Blade Bracket Screws

Blade Bracket

Blade Nut

Motor Screws

Bulb
(not included, and
LED bulbs not dimmable)
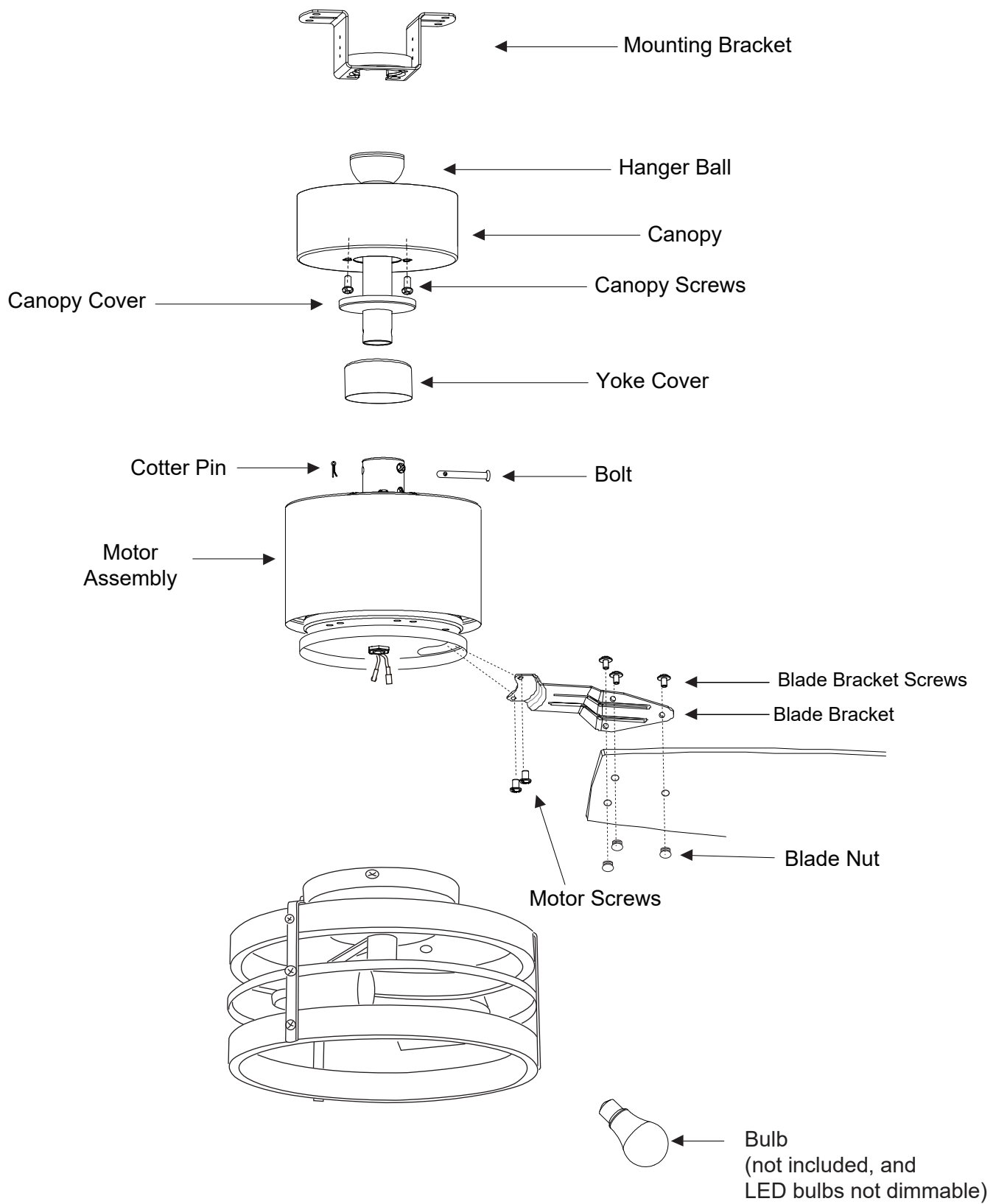
Installation Instructions

Step1 MOUNTING

- Remove the fan motor housing.
- Remove the cotter pin and bolt from the downrod.
- Loosen the jam screw in the yoke until it is flush with the inside surface of the yoke.
- Remove the downrod, canopy, and yoke cover.
- Place the downrod inside the canopy and yoke cover.
- Route the wires exiting from the motor through the yoke cover, canopy, and downrod.
- Insert the bolt through the hole in the shaft and downrod. Be careful not to damage or cut the fan wires.
- Tighten the bolt. Secure it with the cotter pin through the hole at the end of the bolt.
- Secure the downrod in position by tightening the jam screws.
- Slide the yoke cover down, and it will be flush with the motor housing.

CAUTION: To ensure wobble-free operation and to aviod damage to the fan, the downrod and the set screws must be completely tighened.

Fig.1a

Cotter Pins

Downrod

Bolt

Fig.1b

Yoke

Jam Screw

⚠ Do not loosen the lower jam screws.

Fig.1c

Downrod

Canopy

Canopy Cover

Yoke Cover

Fig.1d

Bolt

Fig.1e

Jam Screw

Motor
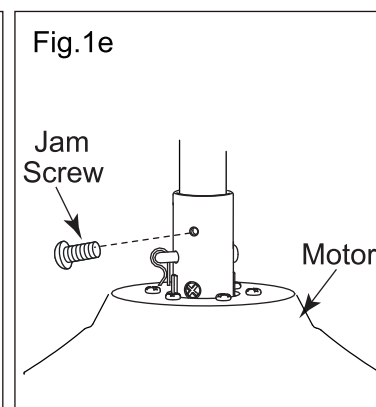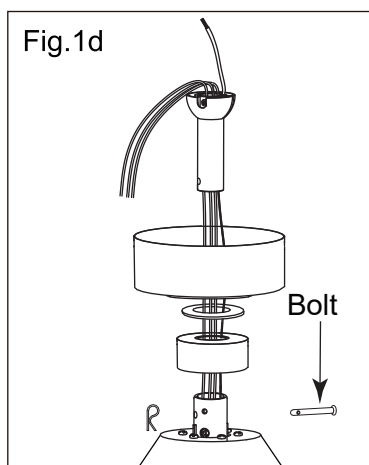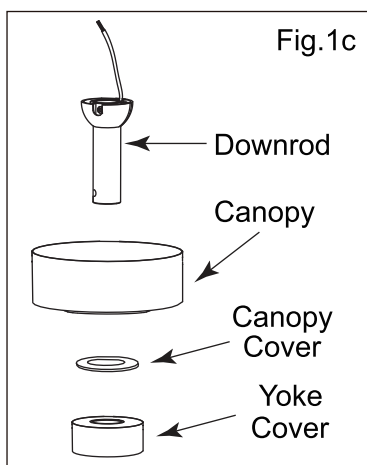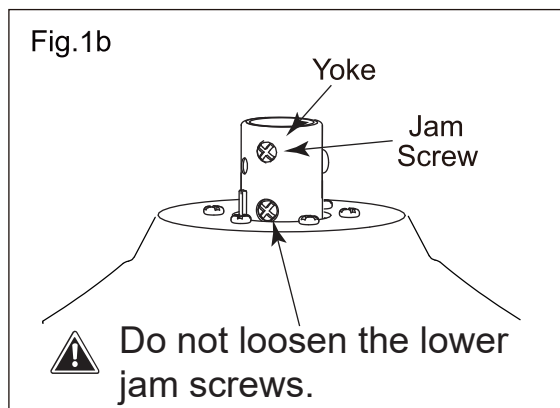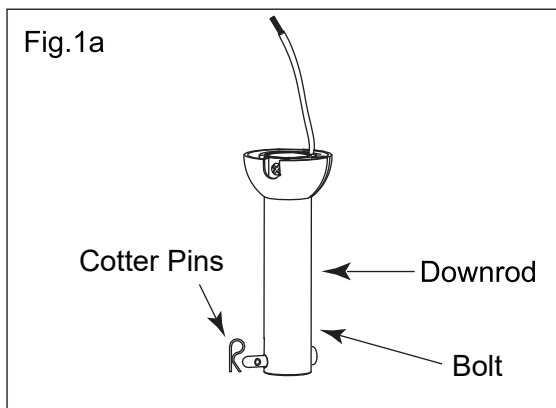
WARNING: Do not loosen the lower jam screws under any circumstances.

Installation Instructions

Step2 MOUNTING BLADE BRACKETS TO BLADES

- Place a blade bracket screw through a fibre washer, blade bracket, blade, and blade nut.
- Align with corresponding hole in the blade bracket cover .
- Repeat for the two remaining screws and tighten.

Fig.2

Blade Bracket Screws

Fibre Washer

Blade Bracket

Blade Nut
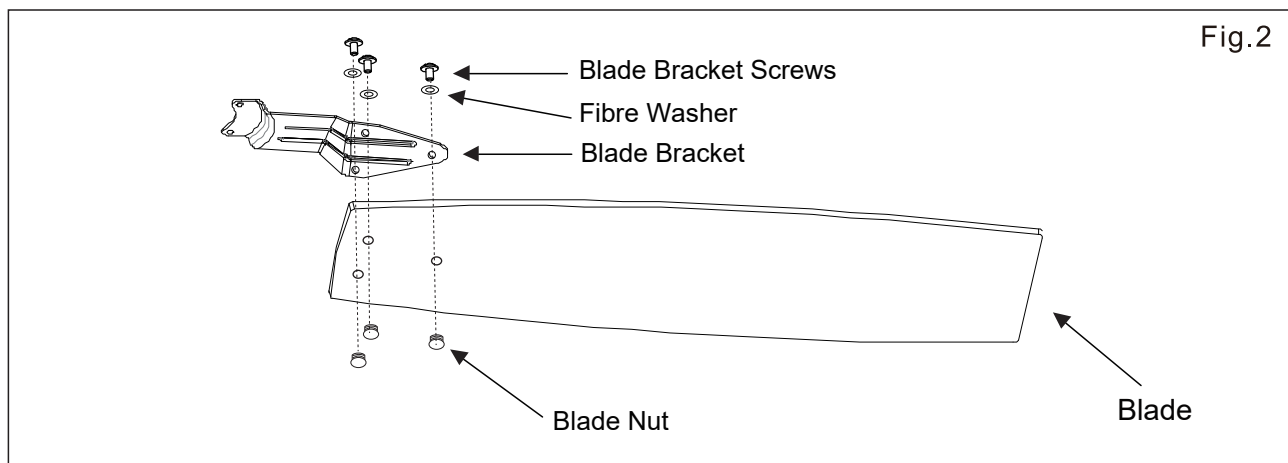
Blade

Step3 MOUNTING BLADES TO MOTOR

- Remove the screws on the motor .
- Attach the blade to the motor with the screws removed in the previous step as shown.
- Slightly turn the blade after installation and repeat the same step for the other blades.

Fig.3

Motor
Assembly

Motor Screws

6
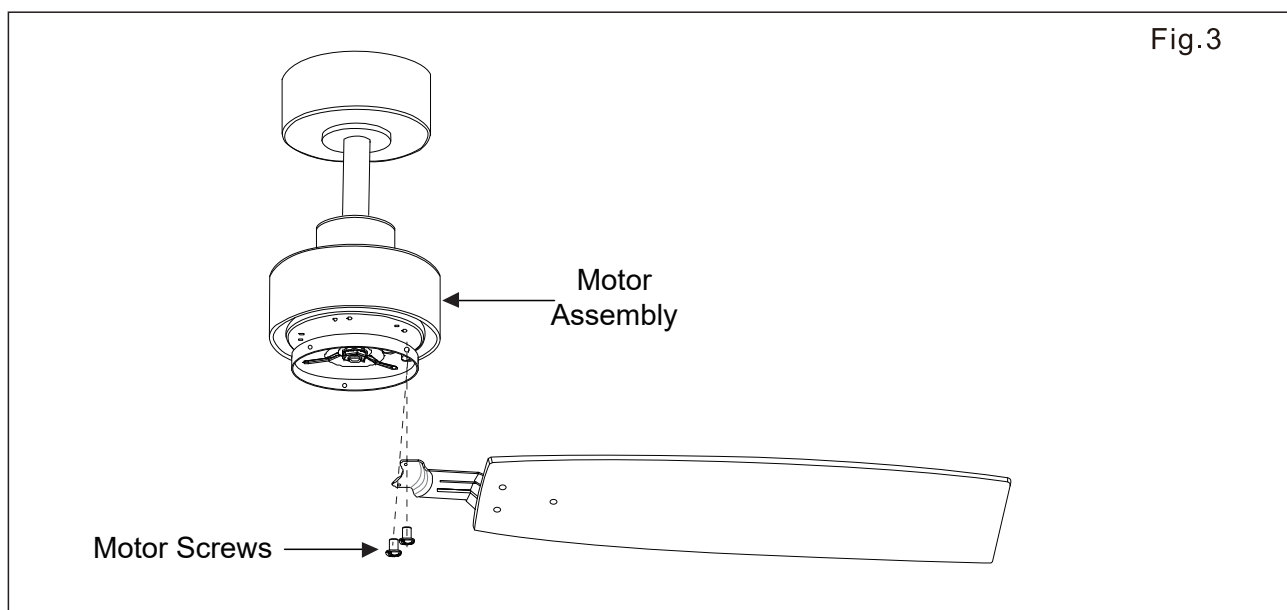
Installation Instructions

Step4 INSTALL MOUNTING BRACKET

WARNING: To reduce the risk of fire, electric shock, or personal injury, mount to a UL/CSA listed outlet box marked acceptable for fan support and use mounting screws provided with the outlet box.

- Secure the mounting bracket with rubber gaskets to the metal outlet box.

Wood Joist

Outlet Box

Ceiling

Mounting Bracket

Outlet box Screws

Fig.4

Canopy

Canopy Cover

Fig.5
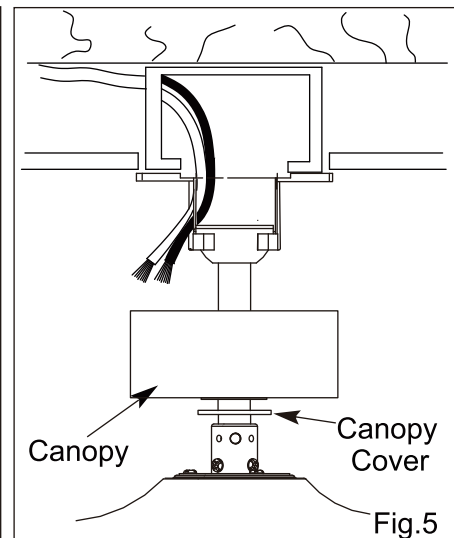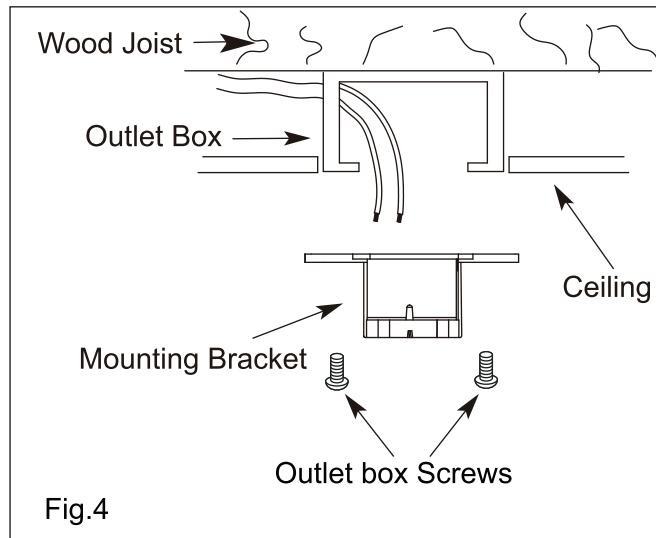
Step5 ELECTRICAL HOOK-UP

A.Make the following wire connections using the wire nuts supplied.
a To the household supply wires
-Connect all three GREEN wires to the GREEN supply wire.
1. GREEN wire from the downrod
2. GREEN wire from the receiver
3. GREEN wire from the mounting bracket
- Connect BLACK receiver wire to BLACK supply wire.
- Connect WHITE receiver wire to WHITE supply wire.
b To the fan wires
- Connect ORANGE receiver wire to the ORANGE wire from motor.
- Connect PINK receiver wire to the PINK wire from motor.
- Connect RED receiver wire to the RED wire from motor.
- Connect BLUE receiver wire to the BLUE wire from motor.
- Connect WHITE receiver wire to the WHITE wire from motor.
- After making the wire connections, ensure the wires are spread apart, with the grounded conductor and equipment-grounding conductor on one side of the outlet box, and the ungrounded conductor on the other side.
- Ensure that all splices are turned upward and carefully pushed into the outlet box.
- Make sure no bare wire is visible at the wire nuts.

Installation Instructions

AC SUPPLY CIRCUIT 120V/60Hz

GROUND
BLACK
WHITE

OUTLET BOX

RECEIVER

WHITE(AC-N)
GREEN
BLACK(AC-L)

BLUE
WHITE

BLUE
WHITE

GREEN FROM MOUNTING BRACKET

GREEN FROM DOWNROD

PINK(TO MOTOR)
ORANGE(TO MOTOR)
RED(TO MOTOR)

RED
ORANGE
PINK

MOTOR

Fig.6
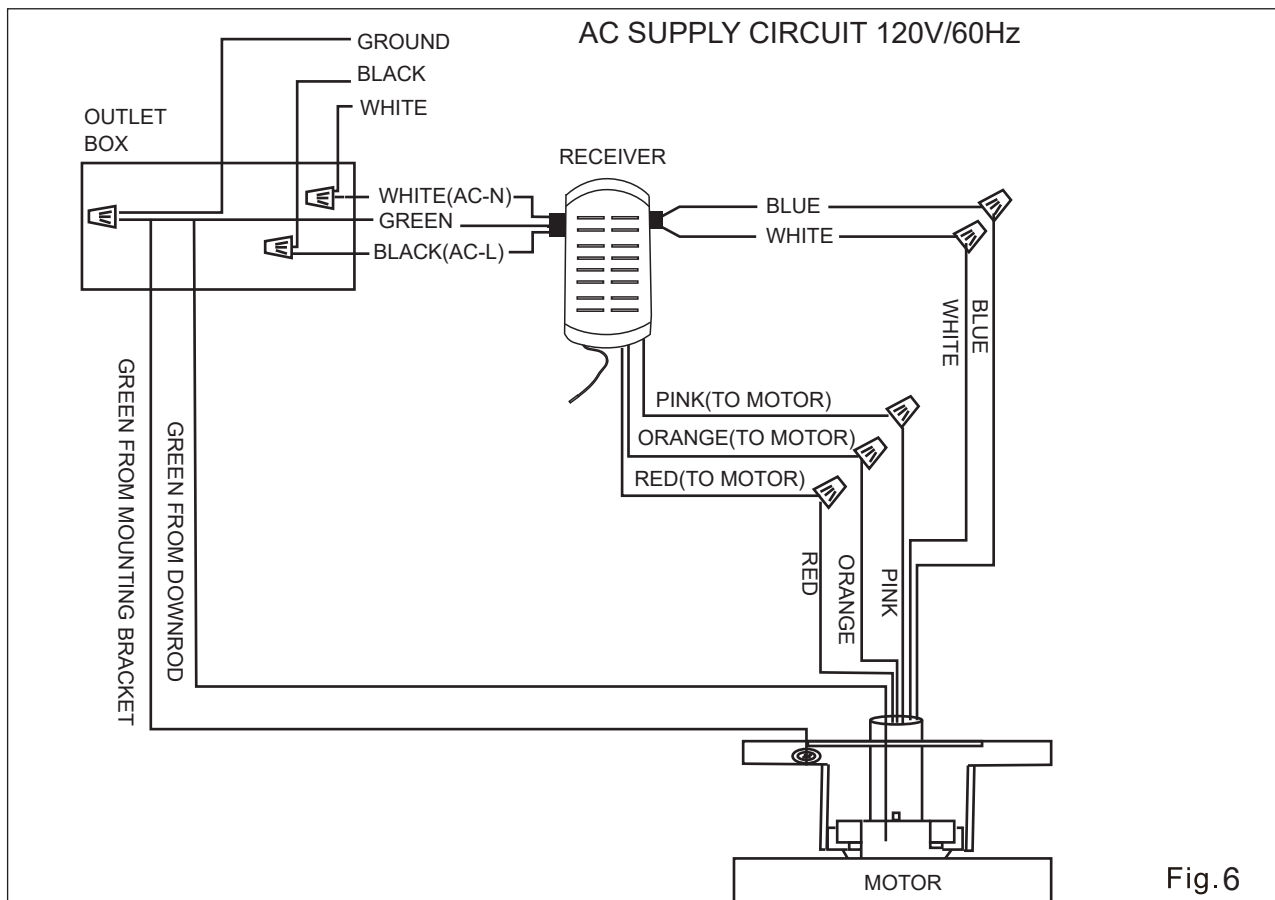
NOTE: Once the ground wires are connected, carefully tuck all wires and wire nuts into the metal box. Ensure that the wires are clear of the hemisphere and downrod when positioned in the mounting bracket.

B. - Push all connected wires into the ceiling box.
   - Position the receiver in the mounting bracket as shown in the diagram.
   - When installing the canopy, ensure it does not press the antenna.
   - Ensure that all ground wires are connected.

Fig. 7

Mounting Bracket

Receiver

Canopy
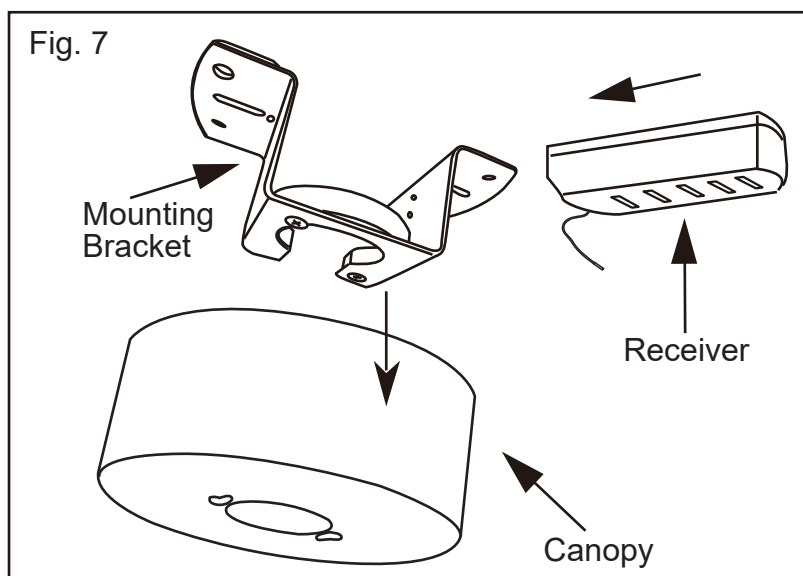
Installation Instructions

C.FUNCTION INSTRUCTION OF EMITTER

Learning code and matching mode is used.

- Open the battery cover on the hand-held remote and install two 1.5V batteries,
which are not included.

If the emitter cannot control the fan, learning code matching mode is used between emitter and receiver.

Turn "ON" the supply power within 10 seconds and press the emitter's " ⊕ " button for 5 seconds. After hearing a long sound "beep", the pairing process will complete, indicating successful pairing, and the fan will function normally.

When the emitter cannot control the receiver,please check the battery switch touching normally or not, correction of the positive and negative, full or empty of the power.

When the emitter cannot control the receiver, check if there are any similar remote-controlled products nearby. Then, check whether they work, as remote-controlled products using the same frequency may interfere with each other.

Remove the batteries from the emitter when not in use for an extended period.

When installing the fan, do not press the antenna (or other wires) with the ceiling cover, as this may damage the wires and cause a short circuit.

① FAN Rotation Direction
② Natural Breeze Mode
③ Fan Speed Control / Power On
④ Power Off
⑤ Light on
⑥ Beep Sound On/Off
⑦ Light off
⑧ Timer
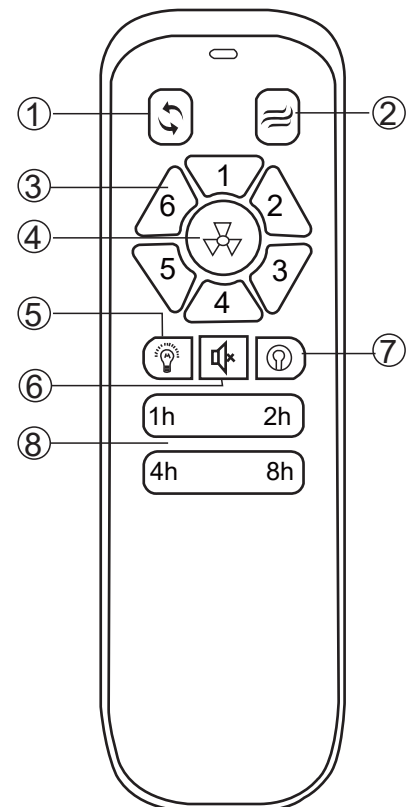
Installation Instructions

Step6 ENGAGE HEMISPHERE

- Carefully rotate the fan assembly until the groove in the hemisphere locks onto the tab of the canopy assembly.

- Loosen (but do not remove) the two screws on the mounting bracket. Slide the canopy up to the mounting bracket and place the keyhole on the canopy over the screw on the mounting bracket. Turn the canopy until it locks into place in the narrow section of the keyholes.

- Align the holes on the canopy with the mounting bracket and secure them with the two sets of screws until snug.

WARNING: Failure to properly seat the tab in the groove could cause damage to electrical wires and result in an electric shock or fire hazard.

Hemisphere   Groove

Mounting Bracket

Fig.8a

Groove

Hemisphere

Downrod

Canopy Screws

Canopy cover

Fig.8b
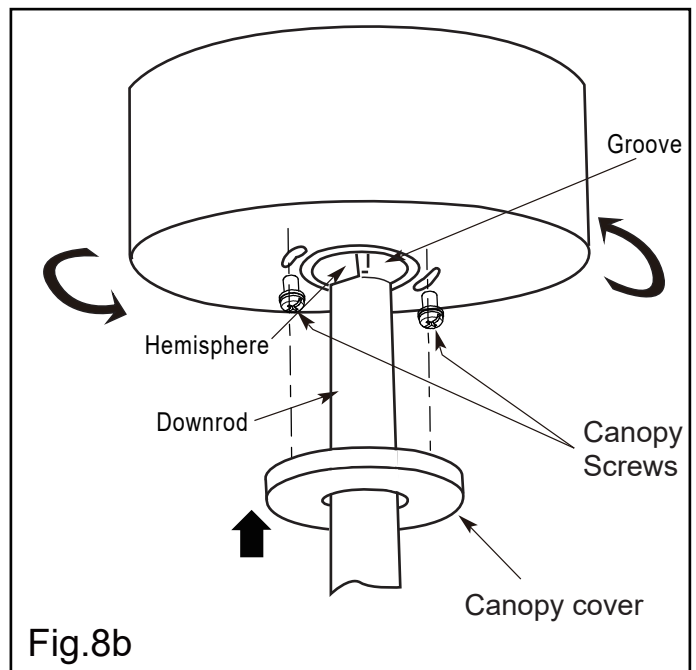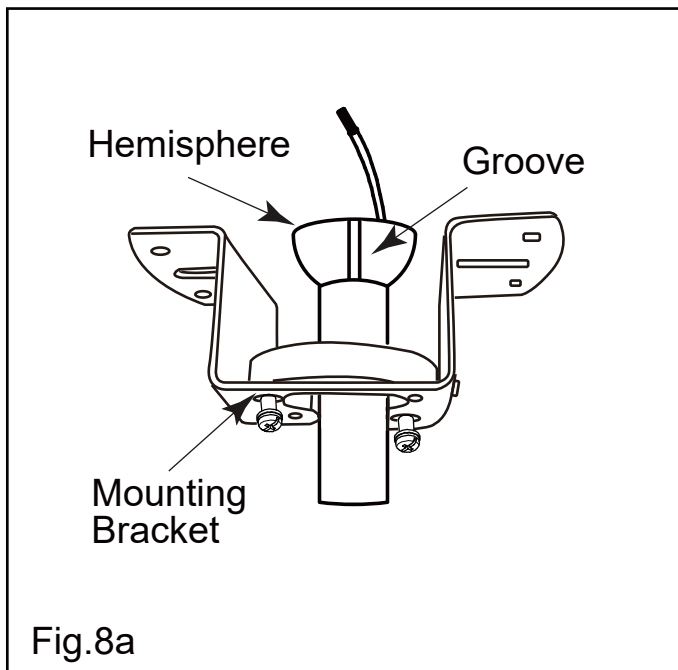
When installing the fan on a sloped ceiling, make sure the tab on the hanger bracket faces toward the top of the slope. Depending on the slope, a longer downrod may be required to prevent the fan blades from hitting the ceiling.

Installation Instructions

Step7 LIGHT KIT

WARNING: BE SURE TO TURN OFF POWER BEFORE INSTALLING.

- Connect polarized connectors of light kit to corresponding connectors found in switch housing (connect WHITE light kit unit wire to WHITE fan wire, connect BLUE light kit unit wire to BLUE fan wire.)
- Install the light kit with the screws removed from the switch housing in the previous step.
- Install proper wattage and type of bulb identified on light kit (LED bulbs are not dimmable).

Fig.11

White Wires

Blue Wires

Light Kit Screws

Light kit

Bulb
(not included, and
LED bulbs not dimmable)
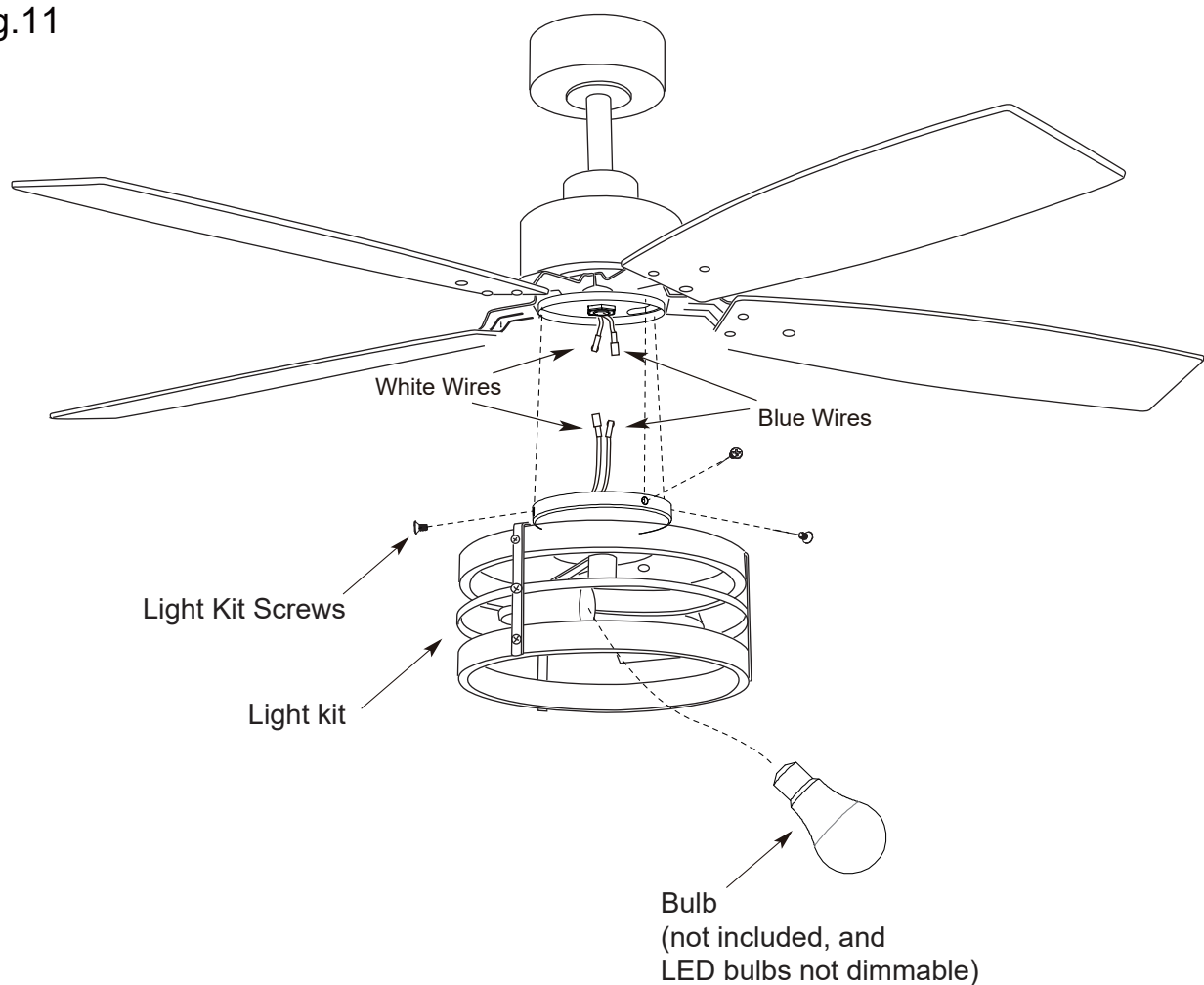
Troubleshooting Guide

If you have difficulty operating your new ceiling fan it may be the result of incorrect assembly, installation, or wiring. In some cases these installation errors may be mistaken for defects. If you experience faults please check this troubleshooting guide.

	Problem	Suggested Remedy
1	If fan does not work.	□ Check the main and branch circuit fuses or breakers. □ Check the line wire connections to the fan and switch wire connections in the switch housing. □ Check the battery in the remote control. □ Ensure you are in the normal range of 10-20 feet.
2	If fan sounds noisy.	□ Ensure all motor housing screws are snug. □ Ensure the screws that attach the fan blade bracket to the motor hub are tight. □ Ensure the wire nut connections are not rattling against each other or the interior wall of the switch housing. □ Observe whether the noise decreases after the fan has been running for 24 hours. Newly installed fans may have noise issues. □ 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. □ Ensure the canopy is a short distance from the ceiling. It should not touch the ceiling. □ Ensure the outlet box is securely installed and that rubber isolation pads are used between the mounting plate and the outlet box.
3	If fan wobbles.	□ Check that all blades are screwed firmly into blade holders. □ Check that all blade holders are tightened securely to motor. □ Make sure that canopy and mounting bracket are tightened securely to ceiling junction box and junction box is mounted firmly to ceiling joist. □ 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 keeping measure within 1/8 in.Rotate the fan until the next blade is positioned for measurement.Repeat for each blade.If all blade levels are not equal you can adjust blade levels by the following procedure.To adjust a blade tip down insert a washer(not supplied)between the blade and blade holder at the screw closest to the motor.To adjust a blade tip up insert washer(not supplied)between the blade and blade holder at the two screws farthest from the motor. □ If blade wobble is still noticeable interchanging two adjacent (side by side)blades can redistribute the weight and possibly result in smoother operation.
4	If light does not work.	□ Check blue wire from fan to make sure it is connected to hot wire from the house. □ Check for loose or disconnected wires in fan switch housing. □ Check for loose or disconnected wires in light kit. □ Check for faulty light bulbs.CAUTION:Make sure main power is turned off before entering switch housing. □ If the fan light shuts off shortly after being switched on it may be due to excessive current demand.Turn off power to the fan and replace the light bulbs with lower wattage bulbs.Turn on power to the fan using the pull chain,wall switch,or remote control (whichever is installed on the particular fan).

Balancing Kit

The Balancing kit should only be used if there is an unacceptable amount of fan wobble after completing all the steps in your Owners Manual under "Attaching The Fan Blades."

1. Turn on the fan and set the speed control setting to a speed at which the wobbles is the greatest.

2. Turn off the fan and allow it to come to a complete stop. Select one blade and place the balance clip on it, halfway between the blade holder and the blade tip on the trailing edge of blade.

3. Turn on the fan. Note whether the wobble has increased or decreased. Turn off the fan, move the clip to another blade, and retest. Repeat this procedure on all blades noting the blade on which the greatest improvement is achieved.

4. Move the clip back to the blade that showed the greatest improvement. Move the clip inward and outward on this blade and operate the fan to find the position where the clip gives the greatest improvement.

5. Remove the clip and install a balancing weight to the top of blade along the center line near the point where the clip was positioned.

6. If the fan wobble problem has not been corrected you can try to improve the balancing further by using the balancing clip and additional weights.

BALANCING WEIGHT

PLASTIC CLIP