



6 Speed Remote With Reverse Function Included



**MISENO**

Miseno  
855-480-2915  
infoservice@miseno.com

Instruction Manual

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## 1. SAFETY RULES

1. To reduce the risk of electric shock, insure electricity has been turned off at the circuit breaker or fuse box before beginning.
2. 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.
3. **WARNING:** Not Suitable for use with solid-state speed controls.
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.

### WARNING

To reduce the risk of fire, electric shock, or Personal Injury, mount directly to a structural framing member or to an outlet box marked 'Acceptable for Fan Support of 15.9 kg(35 lbs) or less'. For outlet box mounting, use mounting screws provided with the outlet box.

5. The outlet box and support structure must be securely mounted and capable of reliably supporting a minimum of 35 pounds. Use only ETL 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. To operate the reverse function on this fan, press the reverse button while the fan is running.
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 kits that are not packed with the fan must be ETL Listed and marked suitable for use with the model fan you are installing. Switches must be ETL General Use Switches. Refer to the Instructions packaged with the light kits and switches for proper assembly.

### 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.

## 2. TOOLS AND MATERIALS REQUIRED

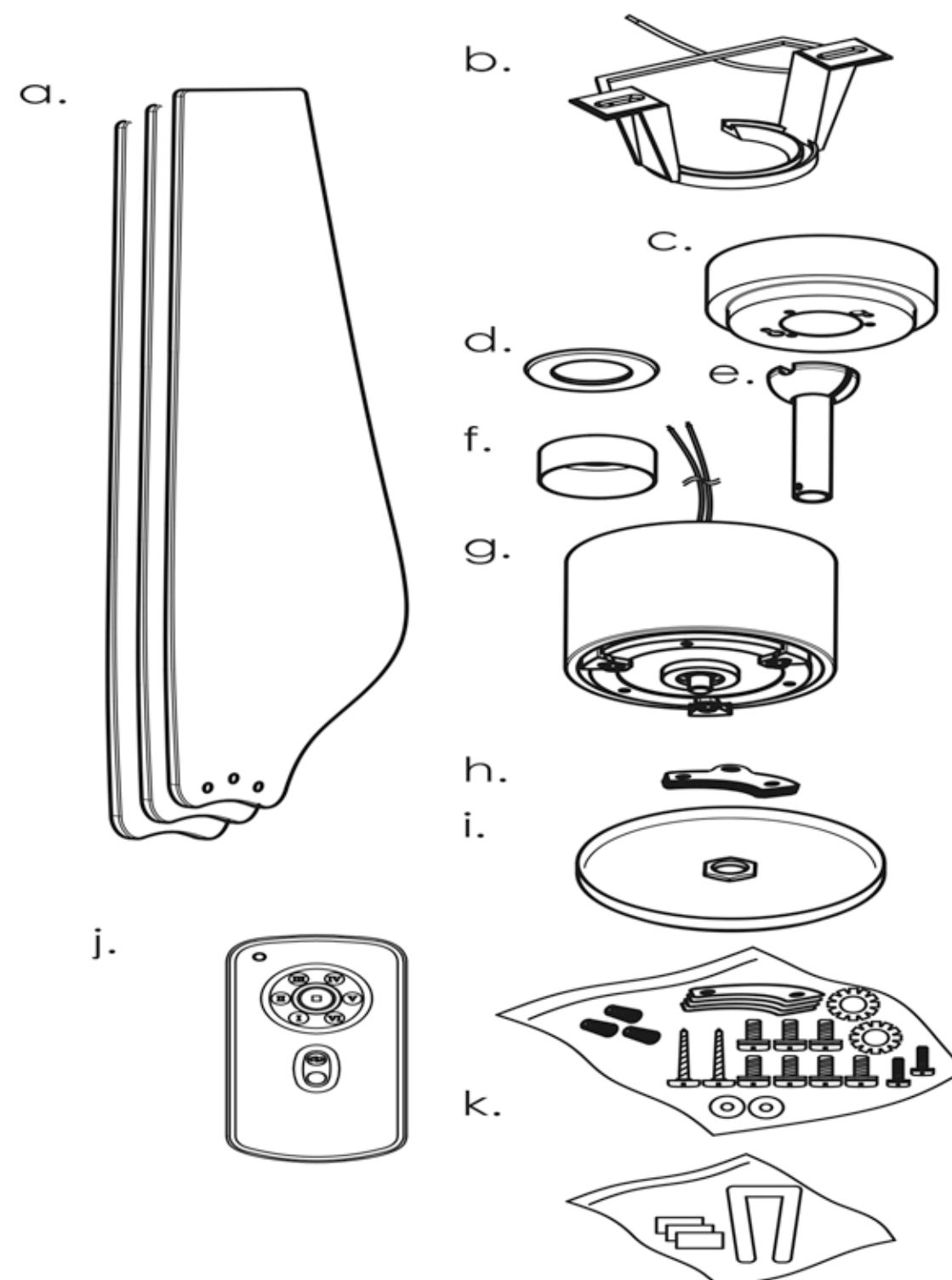
- Philips screw driver
- Blade screw driver
- 11 mm wrench
- Step ladder
- Wire cutters



## 3. PACKAGE CONTENTS

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

- a. Fan blade (3)
- b. mounting bracket
- c. Canopy
- d. Canopy cover
- e. Ball/downrod assembly
- f. Coupling cover
- g. Fan motor assembly
- h. Blade bracket kit (3)
- i. Bottom cover
- j. Remote Control System
- k. Part bag contents
  - 1) Mounting hardware: wood screws (2), flat washers (2), star washers (2), wire nuts (3), screws (2)
  - 2) Blade attachment hardware: screws (7), Fiber x(3)
  - 3) Balance Kit



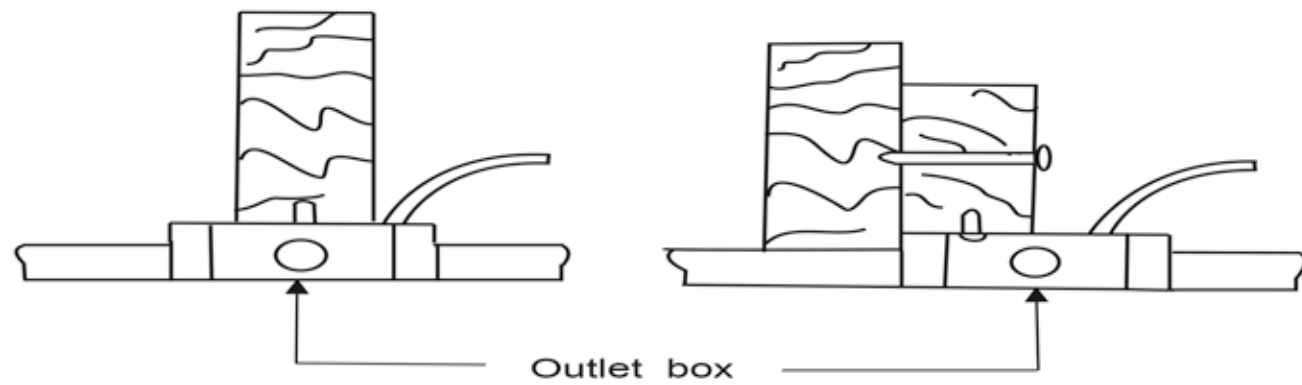
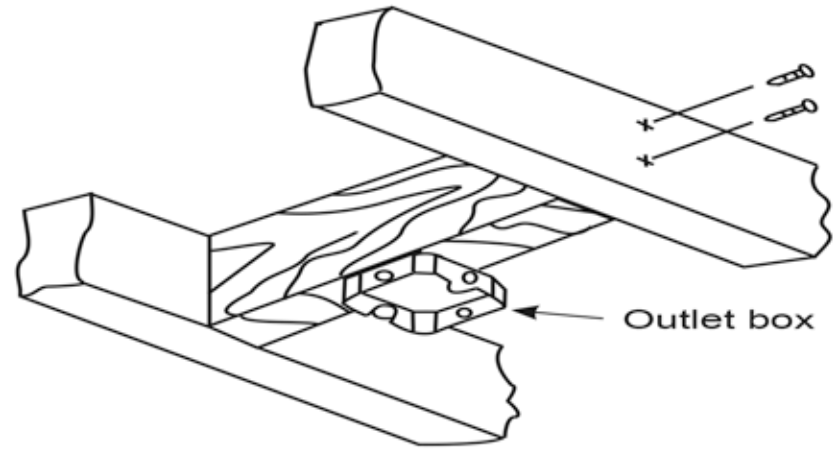
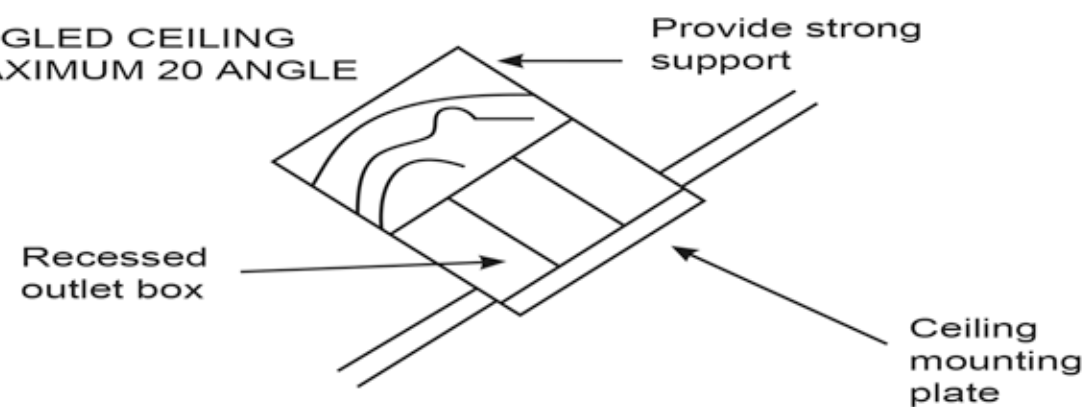


Fig.1

ANGLED CEILING  
MAXIMUM 20° ANGLE



Recessed  
outlet box

Provide strong  
support

Ceiling  
mounting  
plate

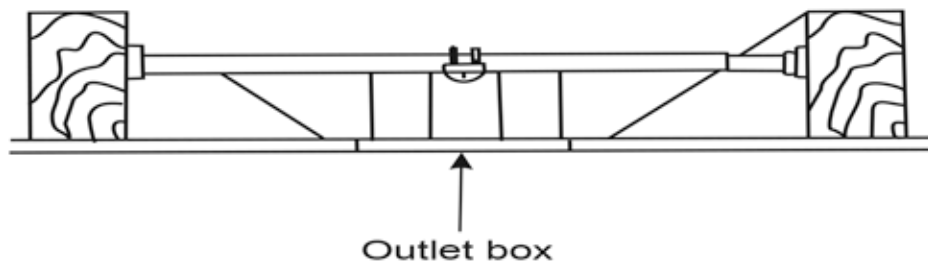


Fig.2

#### 4. MOUNTING OPTIONS

If there isn't an existing ETL 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 35 lbs). Do not use plastic outlet boxes.

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

**NOTE:** If you are installing the ceiling fan on a sloped (vaulted) ceiling, you may need a longer downrod to maintain proper clearance between the tip of the blade and the ceiling. A minimum clearance of 12" is suggested for optimal operation.

**NOTE:** Depending on the location you have selected for installation, you may need to purchase and install a "Joist Hanger" for the support of the outlet box. Make sure the joist hanger you purchase has been designed for use with ceiling fans. (Fig. 2)

## 5. HANGING THE FAN

**REMEMBER** to turn off the power before you begin.

To properly install your ceiling fan, follow the steps below.

Step 1. Remove the decorative canopy bottom cover from the canopy by pulling the cover out.

Step 2. Pass the 120 volt supply wires from the ceiling outlet box through the center of the ceiling mounting bracket.

Step 3. Attach the ceiling mounting bracket to the outlet box using the screws and washers included with the outlet box. (Fig. 3)

Step 4. Remove the hanger ball from the downrod assembly by loosening the set screw, removing the cross pin and unscrewing the ball off the rod. (Fig.5)

Step 5. Loosen the two set screws and remove the hitch pin and retaining clip from the coupling on top of the motor assembly. (Fig.5)

Step 6. Carefully feed the electrical lead wires from the fan up through the downrod. Insert the downrod into the coupling until the Hitch pin holes are aligned. (Fig.5)

Next, replace the hitch pin and retaining clip. Tighten both set screws.

Step 7. Slip the coupling cover, canopy cover and canopy onto the downrod. (Fig.6)

Secure the hanger ball onto the downrod, insert the cross pin through the downrod. Now tighten the set screw.

Step 8. Lift the motor assembly into position and place the hanger ball into the ceiling mounting bracket.

Step 9. Rotate the entire assembly until the "Check Tab" has dropped into the "Registration Slot" and seats firmly. (Fig. 4)

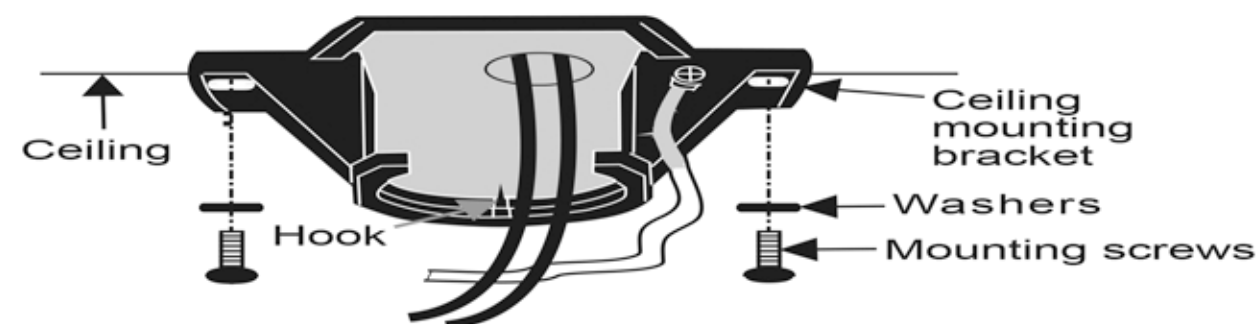


Fig.3

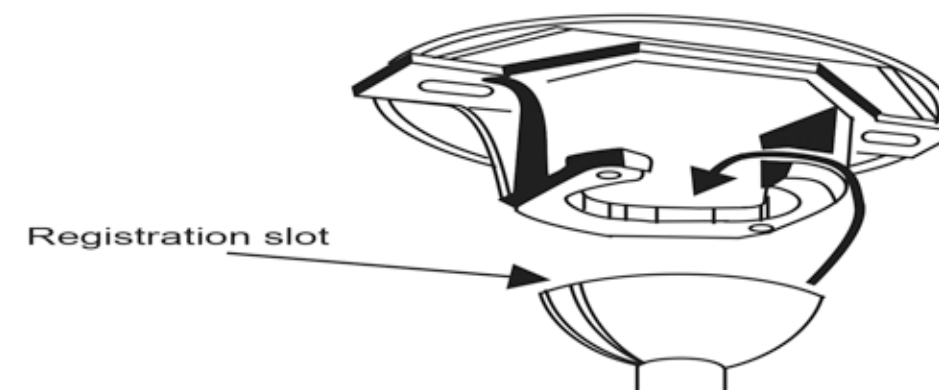


Fig.4

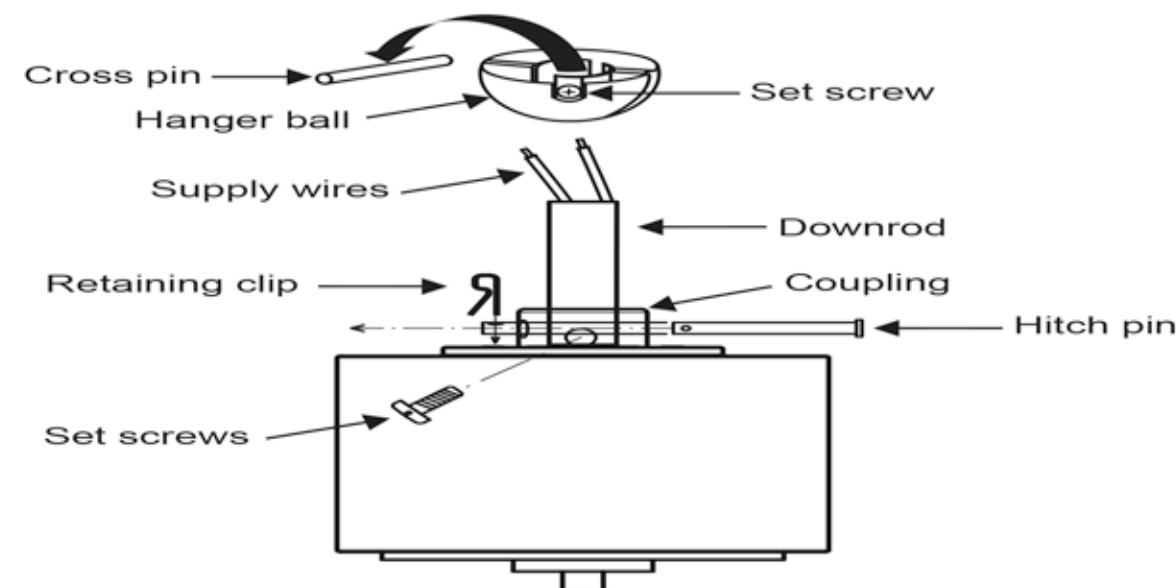


Fig.5

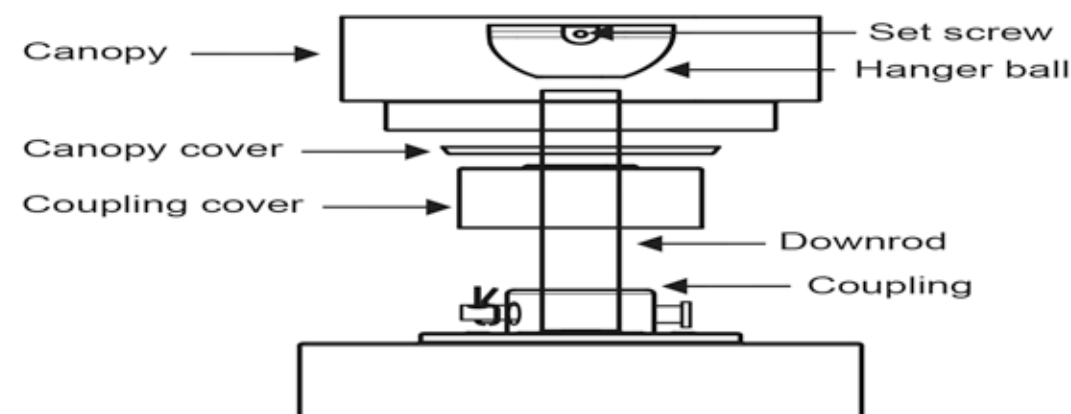


Fig.6

# MISENO

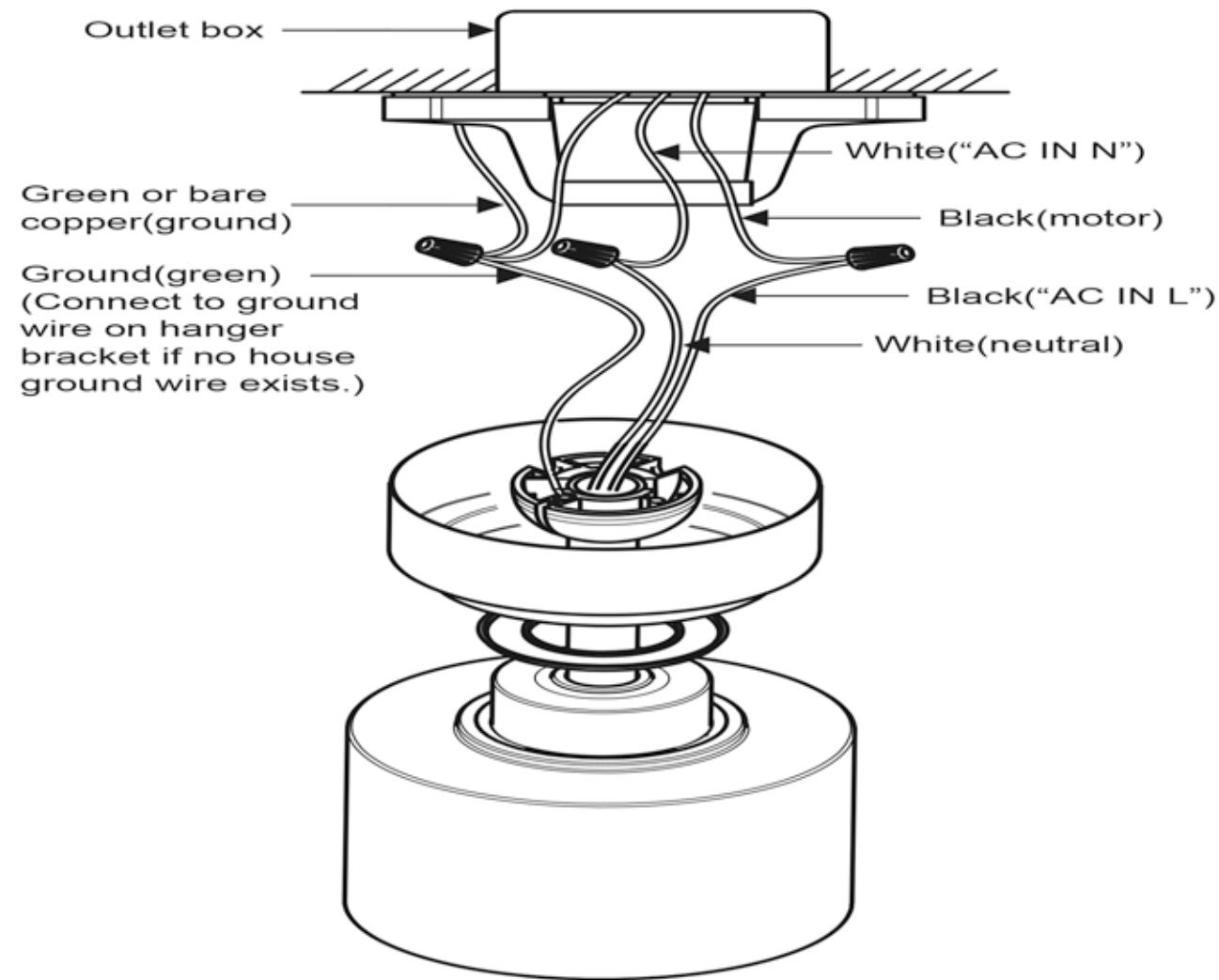


Fig.7

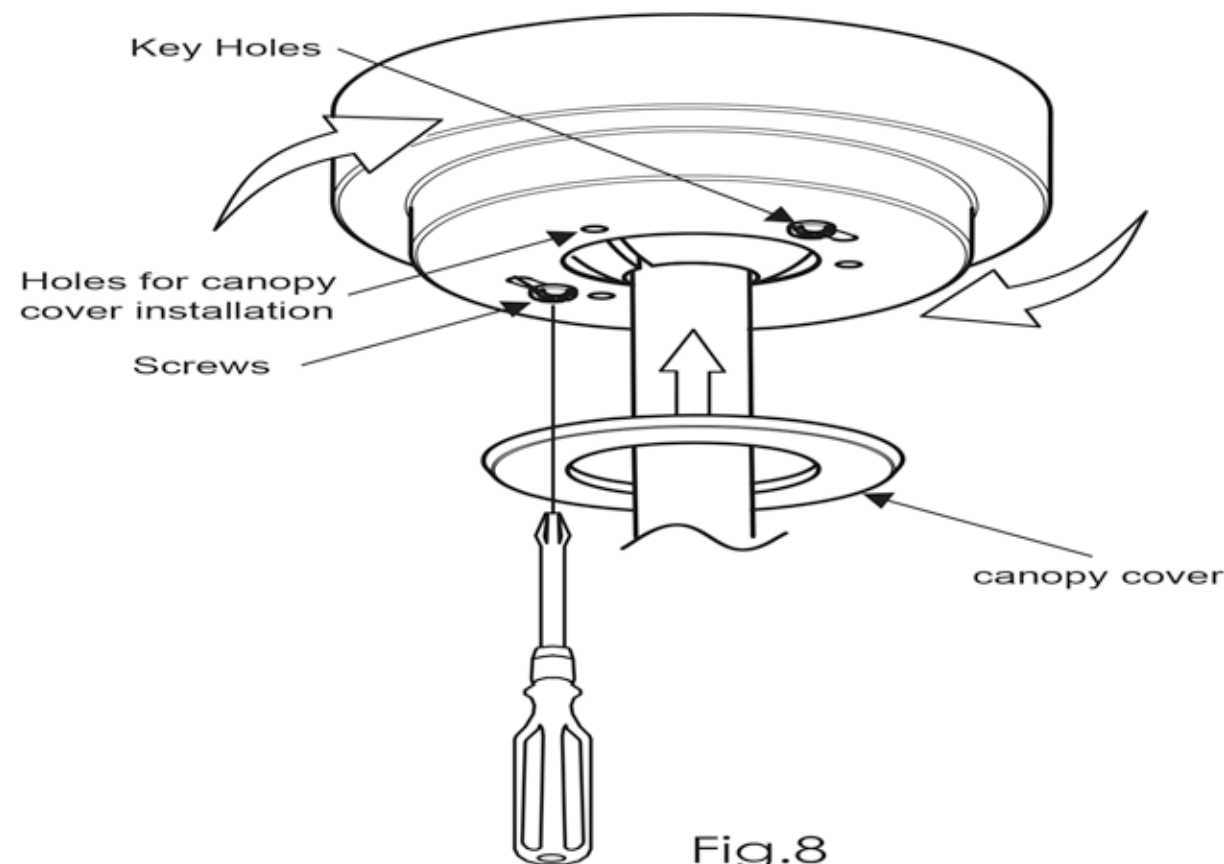


Fig.8

## 6. ELECTRICAL CONNECTIONS

**WARNING:** To avoid possible electrical shock, be sure you have turned off the power at the main circuit panel.

Follow the steps below to connect the fan to your household wiring. Use the wire connecting nuts supplied with your fan. Secure the connectors with electrical tape. Make sure there are no loose wire strands or connections.

**Step 1.** Connect the fan supply (black) wire to the black household supply wire as shown in Figure 5.

**Step 2.** Connect the neutral fan (white) wire to the neutral household (white) wire.

**Step 3.** Connect the fan ground wire (green) to the household ground wire.

**Step 4.** After connecting the wires, spread them apart so that the green and white wires are on one side of the outlet box and the black and blue wires are on the other side.

**Step 5.** Turn the connecting nuts upward and push the wiring into the outlet box.

## 7. FINISHING THE INSTALLATION

**Step 1.** Tuck all the connections neatly into the ceiling outlet box.

**Step 2.** Slide the canopy up to the mounting bracket and place the key hole slots over the mounting screw on the mounting bracket. Rotate the canopy until the screw head locks in place at the narrow section of the key hole. See figure 6.

**Step 3.** Secure the canopy by tightening the two mounting screws. Now, attach the canopy cover to canopy and secure it by pushing the lugs into the holes.

**NOTE:** Do not over tighten the mounting screw on the mounting bracket.

**Warning:** Make sure the "Check Tab" at the bottom of the hanger bracket is properly seated in the "Registration Slot" on the side of the hanger ball before attaching the canopy to the bracket. Failure to properly seat the "Check Tab" could damage the electrical wires when to ceiling fan blade direction is changed while the fan is running.

## 8. ATTACHING THE FAN BLADES

**Step 1.** Insert the blade screws through blade assembly consist of the following order, bracket kit, blade, and fiber. Attach the blade assembly to motor and secure it by tightening the 2 screws. Fig. 9

**Step 2.** Repeat to install the other blades.

## 9. INSTALLING THE BOTTOM COVER

Finally install the bottom cover to shaft of motor by rotating it clockwise.

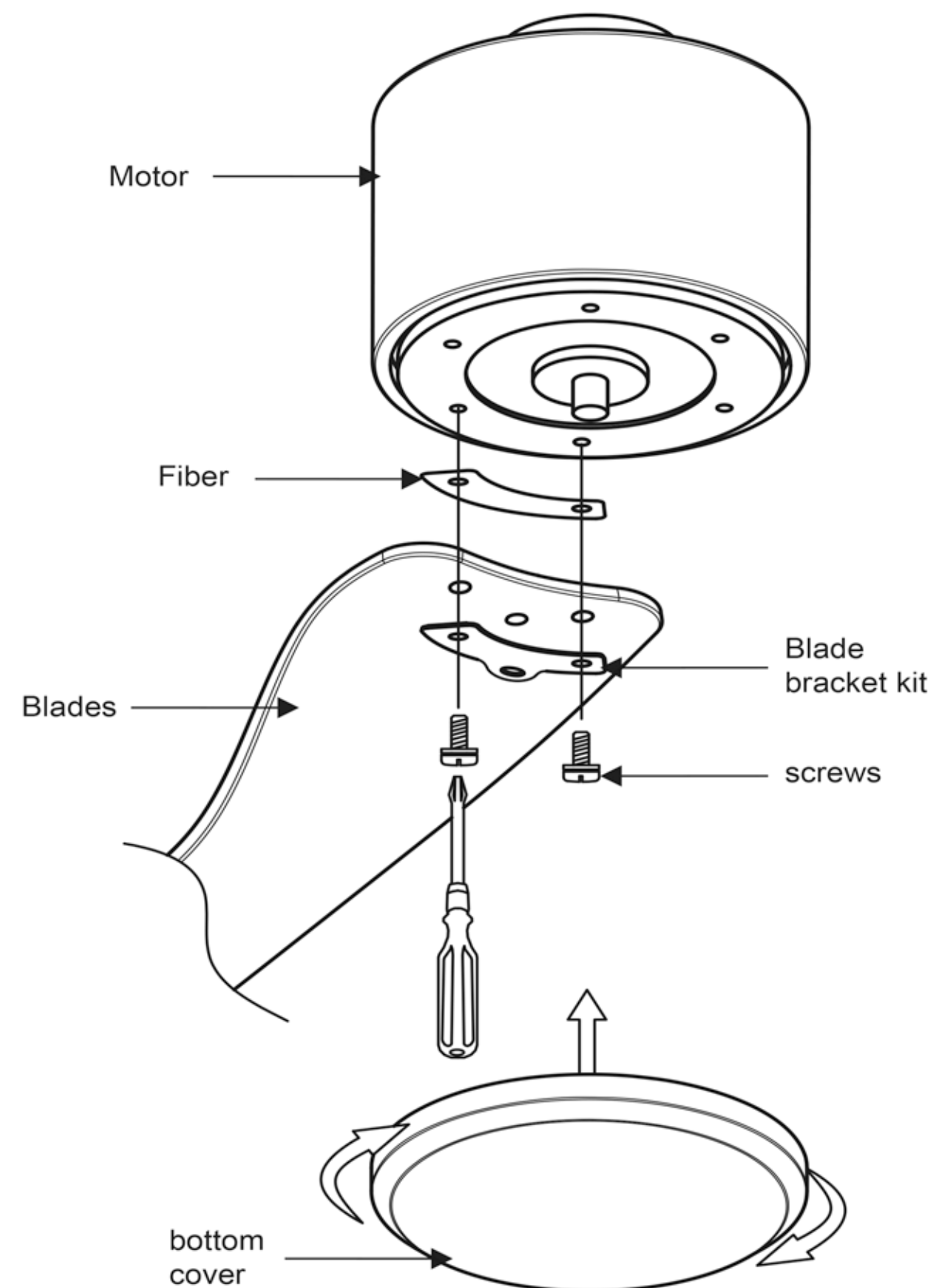


Fig.9

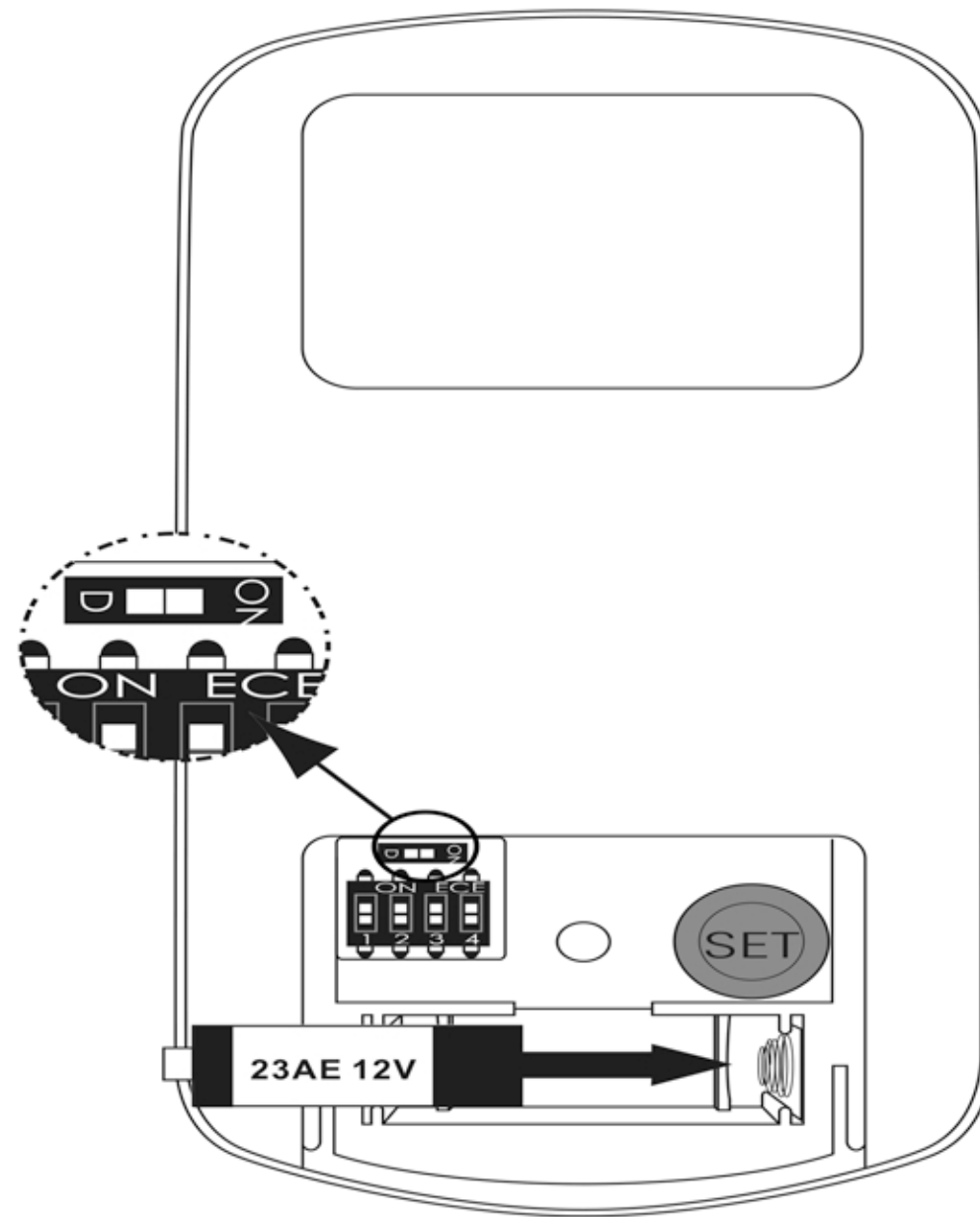


Fig.10

## 10. USING YOUR CEILING FAN

Your DC brushless motor is equipped with a automatically learned type remote control. Restore power to ceiling fan and test the transmitter as below for proper operation: Install one 23A/12V battery (included). To prevent damage to transmitter, remove the battery if not used for long periods of time.

A. I, II, III, IV, V and VI button:

These six buttons are used to set the fan speed as follows:

I = minimum speed

II = low speed

III = medium low speed

IV = medium speed

V = medium high speed

VI = high speed

B. ■ button:

This button turns the fan off.

C. ↻ Reverse button:

This button is to control fan direction.

D. SET code setting button:

Follow the below steps to set the remote control:

The auto learning function will only mandate within 60 seconds when turning the fan's AC power ON.

**a)** Select desired frequency from the back of transmitter.



**b)** From the back of the transmitter, press the “SET” button, and hold the “SET” button for over 5 seconds. Once the receiver has detected the frequency, the fan will automatically begin to operate and start to rotate in the counterclockwise direction and on the highest RPM for 3 minutes. When counterclockwise rotation has finished, the fan will automatically reverse to clockwise direction again to the highest RPM for 3 minutes. Fan will shut off when the self calibration test has finished. The total self calibration test will last about 6 minutes.

**NOTE:** If the self calibration test failed, turn the AC power off; restore power and process the self calibration test again.

**NOTE:** During self calibration test, the remote is non-functional.

**NOTE:** The learning frequency function and self calibration test will continue to retain the last set frequency and calibration set even when the AC power is shut off. If the frequency is changed the self calibration test will occur again.

## 11. INSTALLING THE TRANSMITTER HOLDER

Remove the cover from the holder. Attach the holder with the two screws provided. Replace the cover into holder. (Fig. 12)

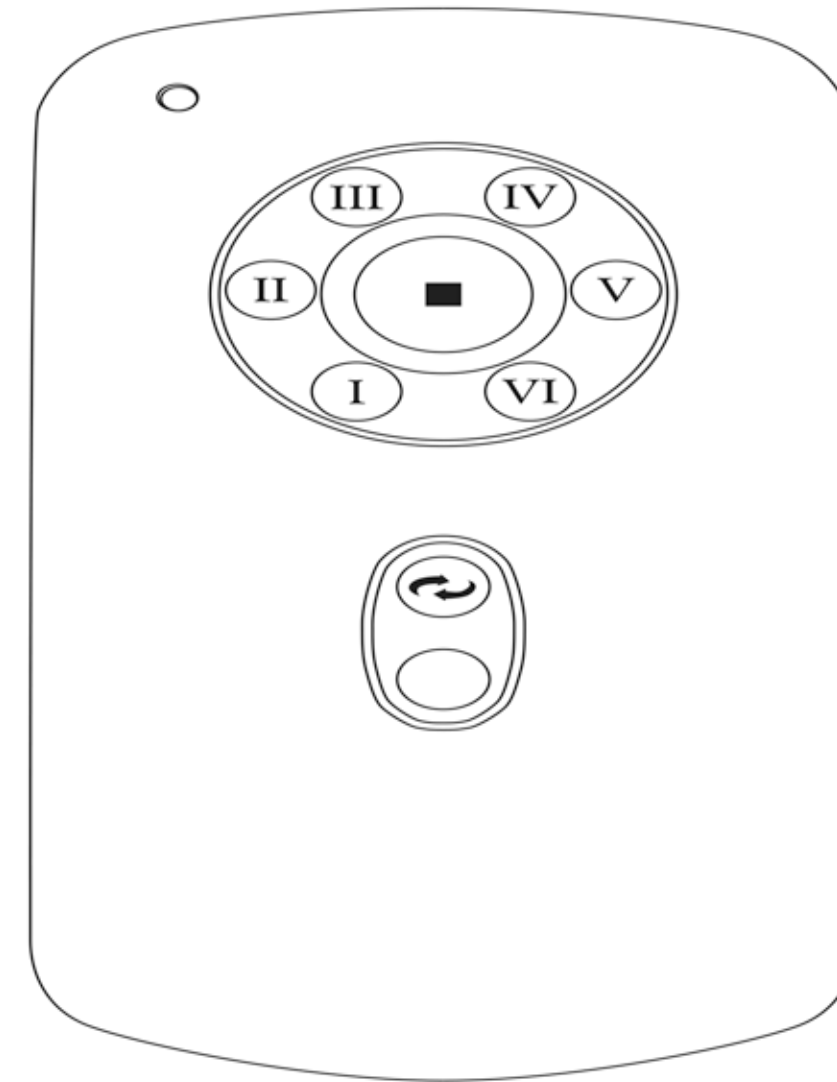


Fig.11

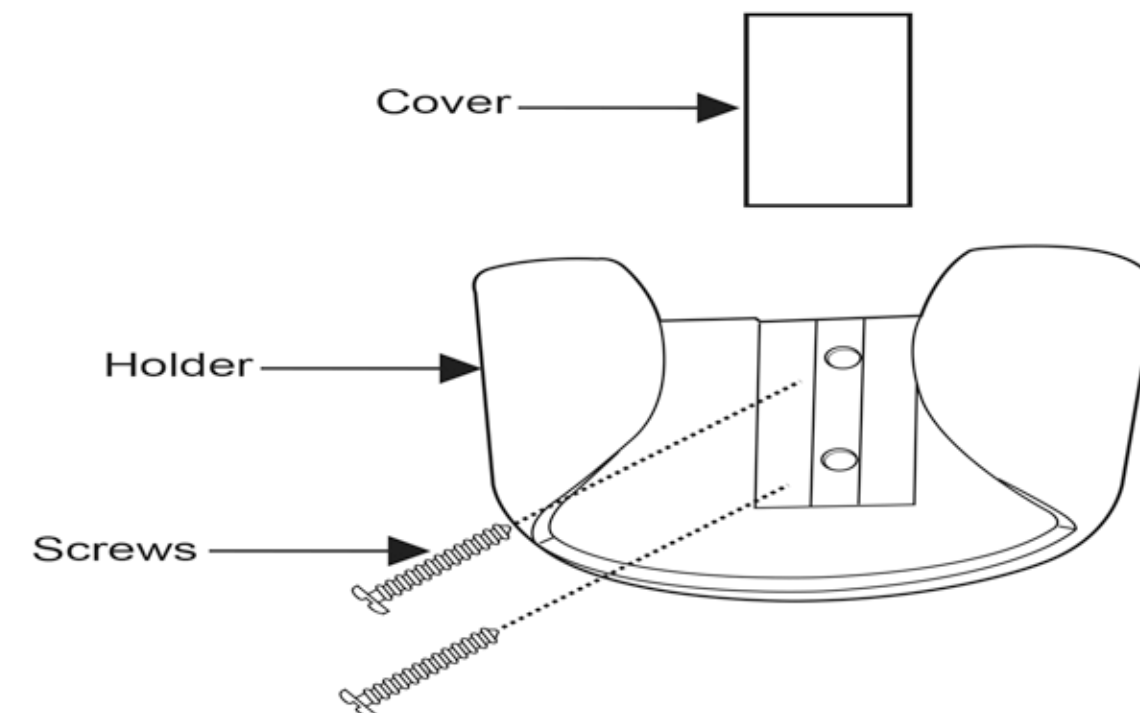


Fig.12

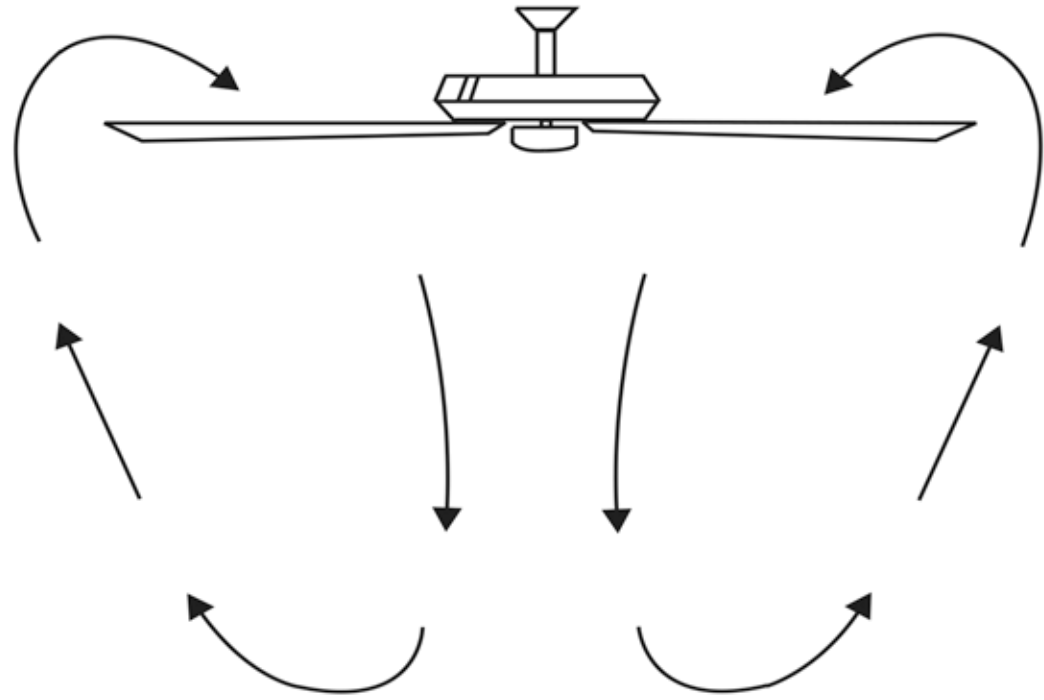


Fig.13

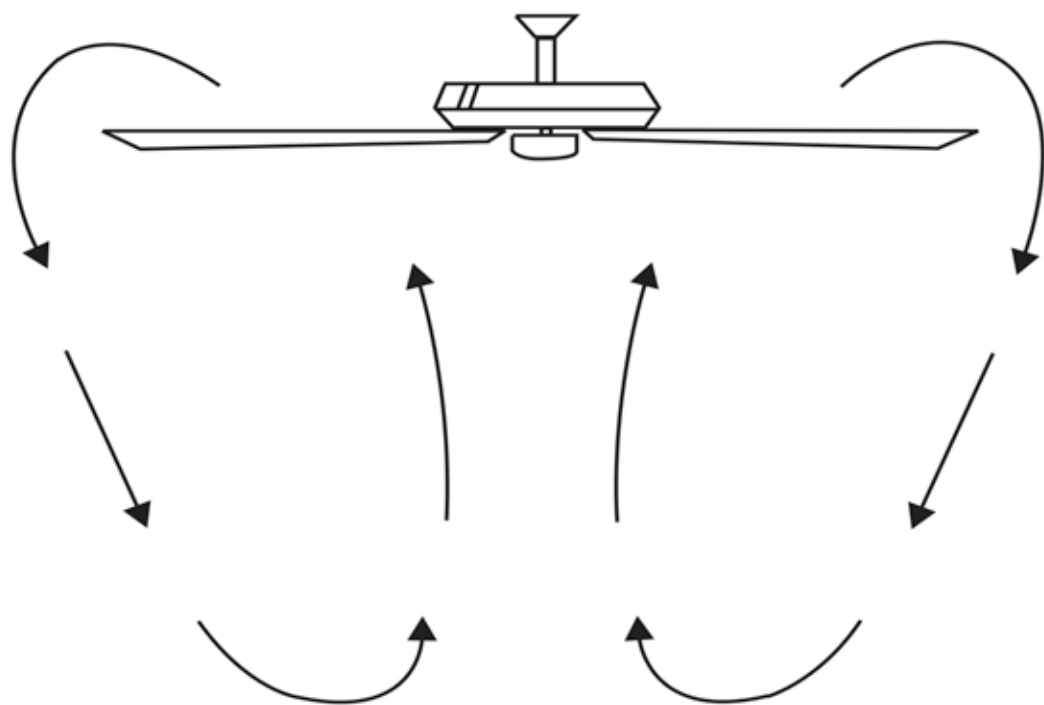


Fig.14

## 12. OPERATING INSTRUCTIONS

**NOTE:** Please remember your control system is an RF (Radio Frequency) control system. You may occasionally experience control problems because of other radio frequency interference, i.e. fan turns off, light turns off or won't turn on, speed changes, etc. If this should happen, just change the "Control Frequency" by turning the power off and repeating steps 1 through 6 under System Programming. Speed settings for warm or cool weather depend on factors such as the room size, ceiling height, number of fans and so on. Warm Weather

Operation: Forward (counter clockwise) A downward airflow creates a cooling effect as shown in Fig. 13. This allows you to set your air conditioner on a warmer setting without affecting your general comfort. Cool Weather Operation: Reverse (clockwise). An upward airflow moves warm air off the ceiling areas as shown in Fig. 14. This allows you to set your heating unit on a cooler setting without affecting your general comfort.

## 13. TROUBLESHOOTING

### Problem

### Solution

Fan will not start.

1. Check circuit fuses or breakers.
2. Check all electrical connections to insure proper contact.  
**CAUTION:** Make sure the main power is OFF when checking any electrical connection.
3. Make sure the transmitter batteries are installed properly.
4. Insure the batteries have a good charge.

Fan sounds noisy.

1. Make sure all motor housing screws are snug.
2. Make sure the screws that attach the fan blade brackets to the motor are 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. Make sure the light bulbs are not touching any other component.
6. Do not connect this fan to wall mounted variable speed control(s). They are not compatible with ceiling fan motors or remote controls.
7. Make sure the upper canopy is a short distance from the ceiling. It should not touch the ceiling.

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. Use the enclosed Blade Balancing Kit if the blade wobble is still noticeable.
4. If the blade wobble is still noticeable, interchanging two adjacent (side by side) blades can redistribute the weight and possibly result in smoother operation.

Remote control malfunction.

1. Ceiling Fans with remote control systems **CAN NOT** be operated in conjunction with any other control system **EXCEPT** a basic On/Off wall switch, if desired.

## 14. SPECIFICATIONS

Fan Size	Speed	Volts	Amps	Watts	RPM	CFM	CFM/W	N.W.	G.W.	C.F.
50"	Extra-High	120	0.58	33	183	6700	203	13.0LBS	16.5LBS	1.25
	High	120	0.39	21	151	6200	295			
	Medium High	120	0.26	13	127	5400	415			
	Medium	120	0.17	8.5	101	4300	506			
	Medium Low	120	0.11	5.0	76	3100	620			
	Low	120	0.07	3.0	50	1800	600			

These are approximate measurements. They do not include data for any lamps or fixtures attached to the ceiling fan.