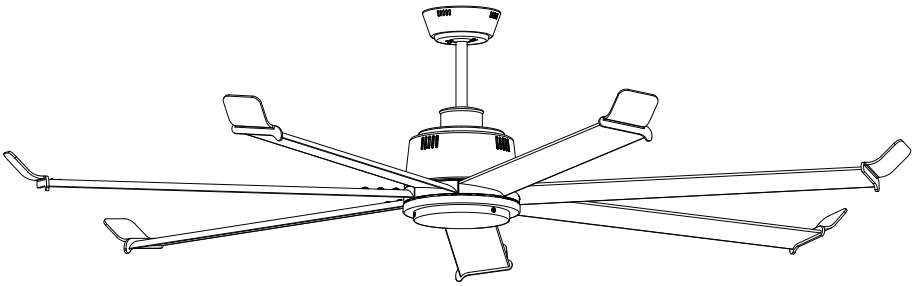
Ceiling Fan

Installation Guide

Read and Save These Instructions

For Models:

MFAN-0801



Net Weight Of Fan:33lbs.(15kgs)

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TABLE OF CONTENTS

Pages

Tools and Materials Required....1
Unpacking Your Fan 1
Safety Rules....2
Mounting Options....3
Hanging the Fan 4
Making Electrical Connections....5
Finishing the Installation....6
Attaching the Fan Blades....6
Installing the Bottom Cap....7
Light kit adaptable 7
Operating Your Fan 8
Care of Your Fan....9
Troubleshooting....9

1. TOOLS AND MATERIALS REQUIRED

- PhilliPs Screwdriver
- Blade Screwdriver
- Adjustable Wrench
- Stepladder
- Wire cutters

2. PACKAGE CONTENTS

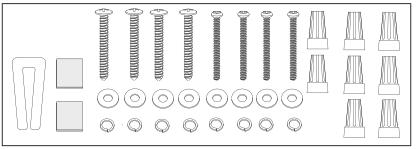
Unpack your fan and check the contents. You should have the following items:

	Parts	Quantity
a.	Blade with Holder Set	7
b.	Hanger bracket	1
c.	Canopy	1
d.	8” & 24” Downrod	2
e.	Coupling cover	1
f.	Fan motor assembly	1
g.	Bottom Cap	1

h. **Screw Package**

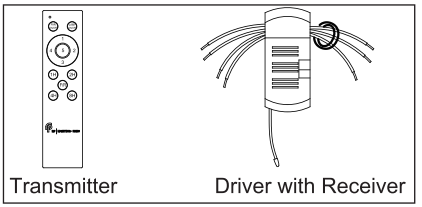
1) Mounting hardware :
wood screws (4) , flat washers (4)
hanger bracket screws (4) & spring washers (4)
wire nuts (8)

2) Balance Kit (1)

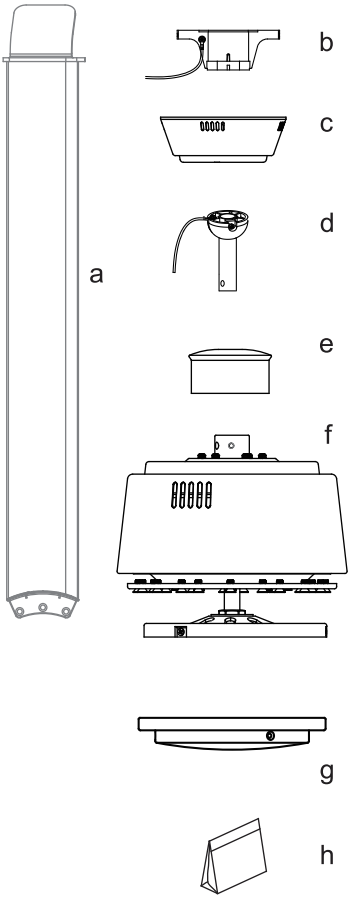


This screw package only for the wooden ceiling. For the concrete ceiling and steel ceiling, please use the appropriate screws (Not Included).

i) Remote Control
(Batteries 2 AAA 1.5A Not Included)



Note: The driver with receiver do not carry out Hi-Pot test.



3. SAFETY RULES

1. To reduce the risk of electric shock, ensure 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:** To reduce the risk of electrical shock and fire, **do not use this fan with any solid-state fan speed control device.**

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 FAN TO OUTLET BOX MARKED "ACCEPTABLE FOR FAN SUPPORT".

5. The outlet box and support structure must be securely mounted and capable of reliably supporting a minimum of 70 lbs.(28kgs) . Use only UL Listed outlet boxes marked **"FOR FAN SUPPORT"**.

6. The fan must be mounted with a minimum of 10 ft.(3M) clearance from the trailing edge of the blades to the floor.

7. 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 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.

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.

4. MOUNTING OPTIONS

If there isn't an existing UL 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 70 lbs). Do not use plastic outlet boxes.

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

To hang your fan where there is an existing fixture but no ceiling joist, you may need an installation hanger bar as shown in Figure 3.

WARNING

The fan can weigh up to 32 lbs (14.5 kg). The fan should not be installed unless the structure on which the fan is to be mounted is of sound construction, undamaged, and capable of supporting the loads of the fan and its method of attachment. A structural engineer should verify that the structure is adequate prior to fan installation. Verifying the stability of the mounting structure is the sole responsibility of the customer and/or end user, and we hereby expressly disclaims any liability arising therefrom.

Installation Preparation

To prevent personal injury and damage, ensure that the hanging location allows the blades a clearance of 10 feet (3.05m) from the floor and 30in. (76cm) from any wall or obstruction.
This fan is suitable for room sizes up to 400 square feet (36 square meters).

Fig.1

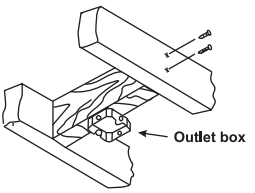


Fig.2

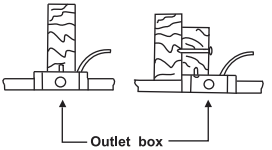


Fig.3

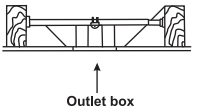
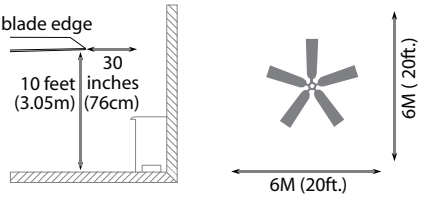


Fig.4



5. HANGING THE FAN

REMEMBER to turn off the power. Follow the steps below to hang your fan properly. **NOTE:** This ceiling fan is supplied with the hanging assemblies; the standard ceiling installation using the downrod with ball and hanger bracket mounting installation.

WARNING: TO REDUCE THE RISK OF FIRE, ELECTRIC SHOCK, OR OTHER PERSONAL INJURY. MOUNT FAN ONLY ON AN OUTLET BOX OR SUPPORTING SYSTEM MARKED ACCEPTABLE FOR FAN SUPPORT.

STANDARD CEILING INSTALLATION

Step 1. Pass the 120-volt supply wires through the center hole in the ceiling hanger bracket as shown in Fig. 5.

Step 2. Secure the hanger bracket to the ceiling outlet box with the screws and washers included with mounting hardware (Fig.5).

Step 3. Remove the hanger pin, lock pin and set screws from the top of the motor assembly.

Step 4. Route wires and safety cable exiting from the top of the fan motor through the canopy, coupling cover and then through the ball/downrod. (Fig. 6)

Step 5. Align the holes at the bottom of the downrod with the holes in the collar on top of the motor housing. Carefully insert the hitch 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 hitch pin until it snaps into its locked position. (Fig. 6)

Step 6. Tighten two set screws on top of the fan motor firmly.

Step 7. Install the “J ” hook (not provided) to the Ceiling near the hanger bracket. Place the downrod ball into the hanger bracket socket. Tie the safety cable to the “J” hook (not provided). Then will allow you to make the electrical connections. (Fig. 7)

Fig.5

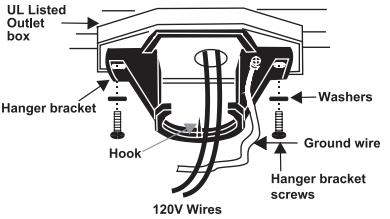


Fig.6

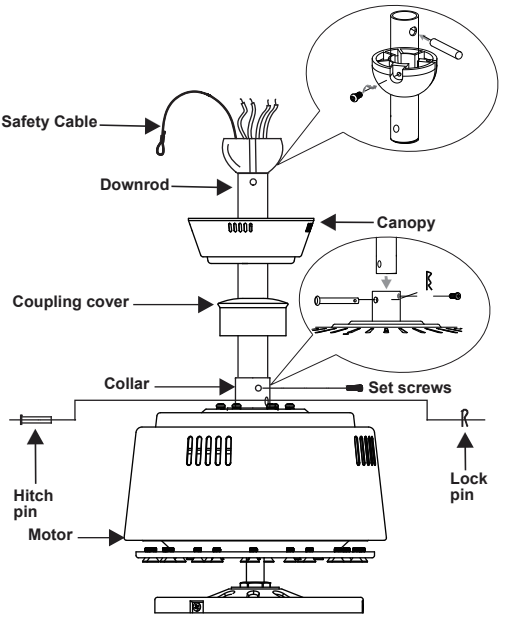
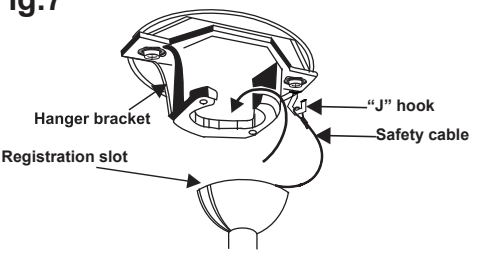


Fig.7



6. MAKING ELECTRICAL CONNECTIONS

WARNING : Turn off circuit breakers to current fixture from breaker panel and be sure switch is turned to the OFF position.

Connect the yellow/green ground wires installed on downrod, hanger bracket and driver/receiver to household supplied ground wire with wire connector.

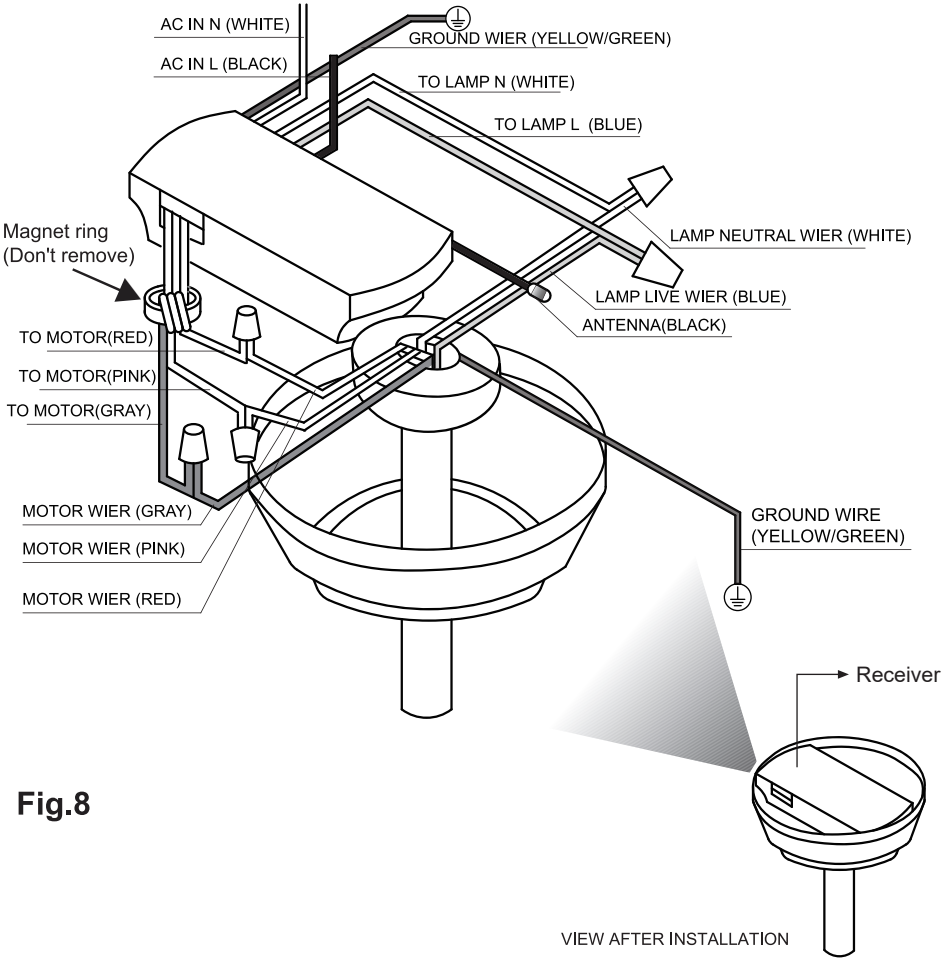


Fig.8

7. FINISHING THE INSTALLATION

STANDARD CEILING INSTALLATION

Tuck all connections neatly into ceiling outlet box.
Remove two screws from the hanger bracket and loosen the other two screws around 1/4".
Attach canopy to hanger bracket by placing screws into slot in canopy. Twist clockwise to lock in place, tighten two screws firmly. (Fig. 9)

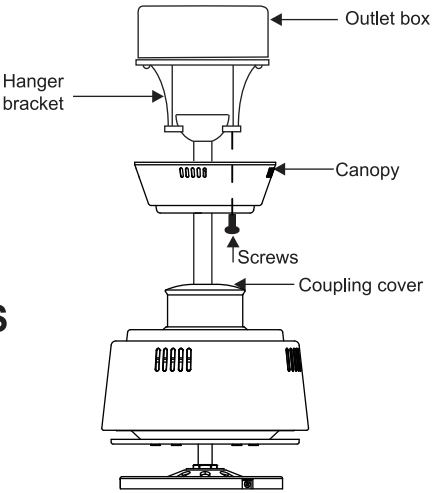


Fig.9

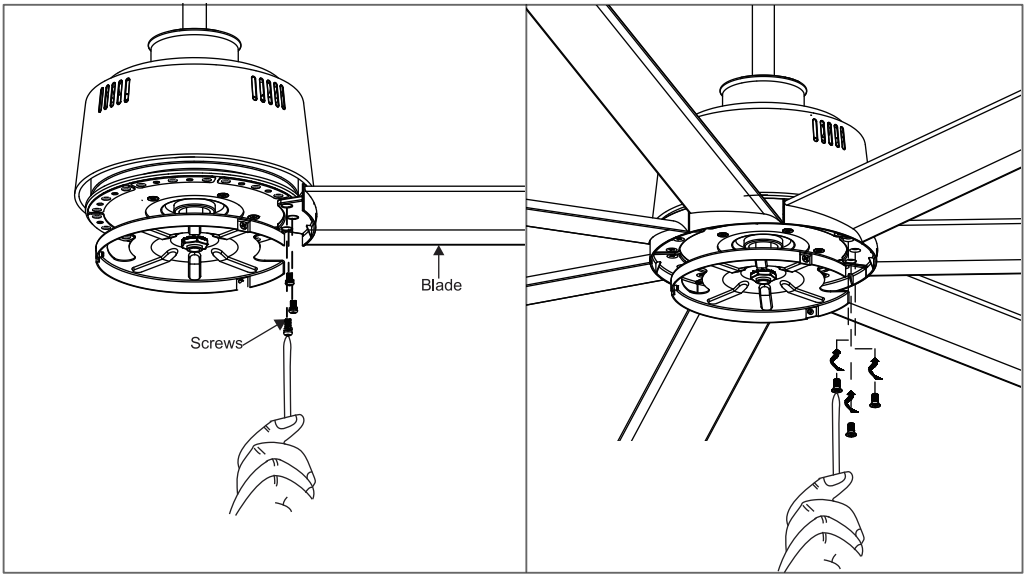
8. ATTACHING THE FAN BLADES

Remove rubber motor stoppers before attaching fan blade brackets.

Fasten each blade assembly to motor by using three screws attached to the fan motor. (Fig.10)

CAUTION-
TO REDUCE THE RISK OF PERSONAL INJURY, DO NOT BEND THE BLADE BRACKETS WHEN INSTALLATION.
WHEN BALANCING THE BLADES, OR CLEANING THE FAN, DO NOT INSERT FOREIGN OBJECTS IN BETWEEN ROTATING FAN BLADES.

Fig.10



9. INSTALLINIG THE BOTTOM CAP

Remove the 3 screws on fitter plate and
fix the bottom cap on using these screws.

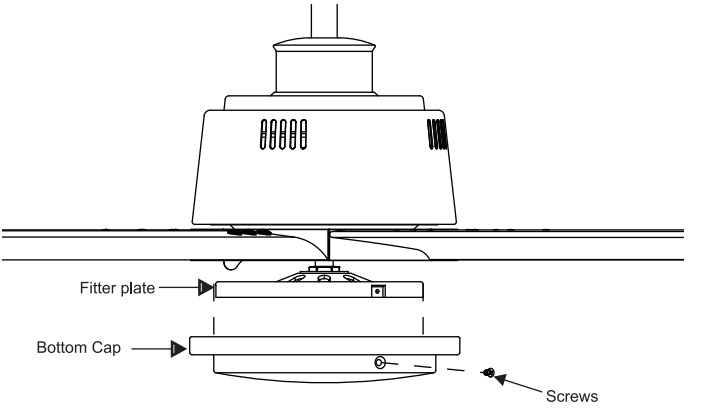


Fig.11

10. LIGHT KIT ADAPTABLE

Step 1. Remove bottom cap from fitter plate by unscrew the 3 screws.Install the light kit into the bottom cap with the hex nut and spring washer.

Step 2. Connect the light wire use the connector. Light kit Live (Black) wire to Blue wire, Light kit Neutral (White) wire to White wire.

Step 3. Secure bottom cap with screws previously removed and tighten firmly.

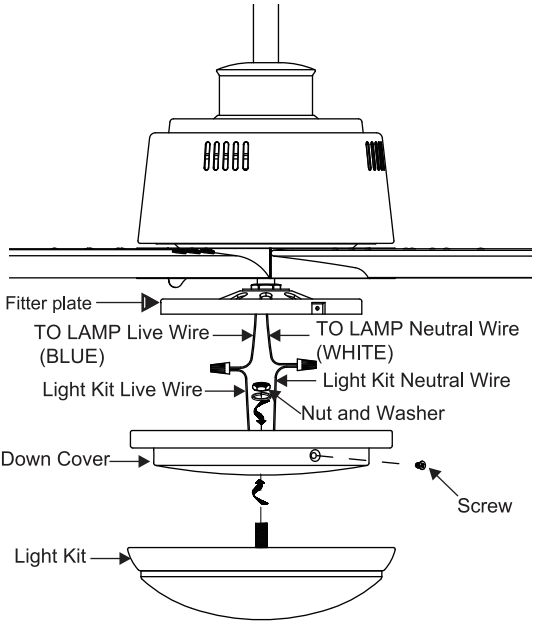


Fig.12

11. OPERATING YOUR FAN

Turn on the power and check the operation of your fan.
This remote control is designed to control ceiling fan speed and light.
There are five buttons to control the fan speed.

A. 1,2,3,4 and 5 button:
1= Highest Speed
2= High Speed
3= Medium Speed
4= Low Speed
5= Lowest Speed

B. FAN OFF= Turn the Fan off.

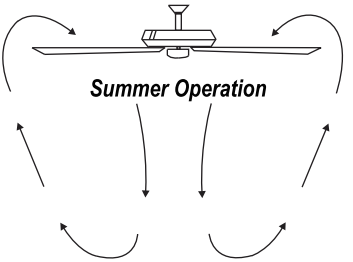
C. 1H,2H,4H,8H Button- Setting fan timer function 1hour, 2hour,4hour or 8hour.

D. LAMP ON/OFF Button- Turns light on or off.

E. F/R Button -This button is used to change the direction of the rotation of the blades; forward or reverse.

Do not operate reversing switch while fan blades are in motion. Fan must be turned off and blades stopped before reversing blade direction.

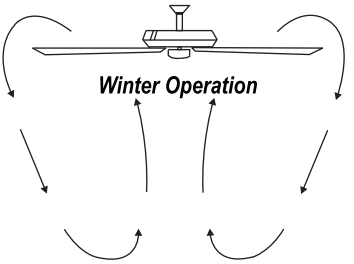
Fig.13



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 (Forward) - 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 comfort.

Fig.14



Cool Weather (Reverse)- An upward airflow moves warm air off the ceiling area as shown in Fig. 14. This allows you to set your heating unit on a cooler setting without affecting your comfort·

NOTE: This fan install with the DC motor. The driver with receiver do not carry out Hi-Pot test. The Hi-Pot test will damage the electronic parts of the driver with receiver. The DC motor Hi-Pot test in Max.1240V.

12. CARE OF YOUR FAN

Here are some suggestions to help you maintain your fan

1. 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 fan from ceiling.)

2. Clean your fan periodically to help maintain its new appearance over the years. Use only a soft brush or lint-free cloth to avoid scratching the finish. The plating is sealed with a lacquer to minimize discoloration or tarnishing. Do not use water when cleaning. This could damage the motor, or the wood, or possibly cause an electrical shock.

3. You can apply a light coat of furniture polish to the wood blades for additional protection and enhanced beauty. Cover small scratches with a light application of shoe polish.

4. There is no need to oil your fan. The motor has permanently lubricated bearings.

IMPORTANT: MAKE SURE THE POWER IS OFF AT THE ELECTRICAL PANEL BOX BEFORE YOU ATTEMPT ANY REPAIRS. REFER TO THE SECTION "MAKING ELECTRICAL CONNECTIONS".

13. TROUBLESHOOTING

Problem : Fan will not start.

Solution :

1. Check circuit fuses or breakers.

2. Check line wire connections to the fan and switch wire connections in the switch housing.
   CAUTION: Make sure main power is off.

Problem : Fan sounds noisy, Fan wobbles.

Solutions :

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. Some fan motors are sensitive to signals from solid-state variable speed controls. If you have installed this type of control, choose and install another type of control.

7. Make sure the upper canopy is a short distance from the ceiling. It should not touch the ceiling.