

# urban ambiance

## Ceiling Fan Installation Manual



**UHP9070**  
**UHP9071**  
**UHP9072**

Safety Rules.....	1.
Unpacking Your Fan .....	2.
Installing Your Fan .....	3.
Installing the Light Kit .....	7.
Operating Your Transmitter .....	8.
Care of Your Fan .....	10.
Troubleshooting .....	11.
Specifications .....	12.

## *Table of Contents*

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:** 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 fire, electric shock, or personal injury, mount to outlet box marked "Acceptable for Fan Support of 15.9 kg (35 lbs.) Or Less" and use mounting screws provided with the outlet box. Most outlet boxes commonly used for the support of light fixtures are not acceptable for fan support and may need to be replaced. Due to the complexity of the installation of this fan, a qualified licensed electrician is strongly recommended.

**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 35 lbs (15.9 kg) or less. Use only cUL-listed outlet boxes marked **FOR FAN SUPPORT**.
6. The fan must be mounted with a minimum of 7 ft (2.1m) clearance from the trailing edge of the blades to the floor.
7. To operate the reverse function on this fan, press the reversing button while the fan is running.

# 1. Safety Rules

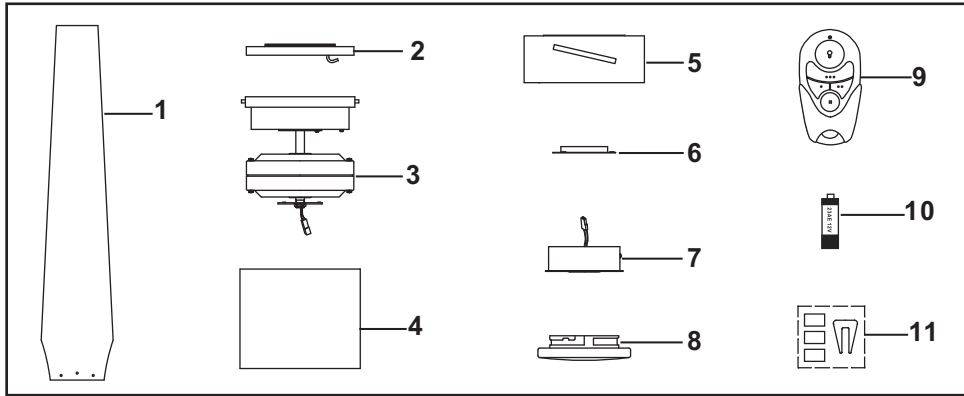
8. Avoid placing objects in the path of the blades.
9. To avoid personal injury or damage to the fan and other items, be cautious when working around or cleaning the fan.
10. Do not use water or detergents when cleaning the fan or fan blades. A dry dust cloth or lightly dampened cloth will be suitable for most cleaning.
11. After 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.
12. Electrical diagrams are for reference only. Light kits 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

**WARNING**

TO REDUCE THE RISK OF PERSONAL INJURY, DO NOT BEND THE BLADE ARMS (ALSO REFERRED TO AS BRACKETS) DURING ASSEMBLY OR AFTER INSTALLATION. DO NOT INSERT OBJECTS IN THE PATH OF THE BLADES.

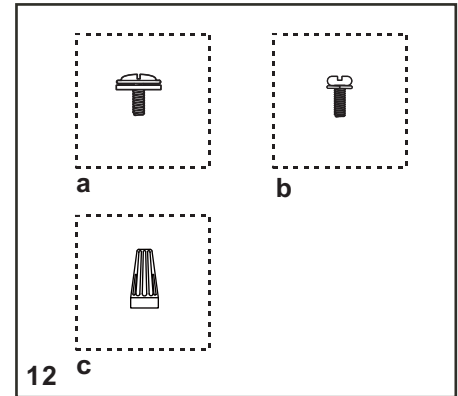
**NOTE**

READ AND SAVE ALL INSTRUCTIONS!



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

- |                       |  |
|-----------------------|--|
| 1. Set of blades (3)  | 7. 18W LED Light kit                   |
| 2. Mounting bracket   | 8. Glass shade                         |
| 3. Fan motor assembly | 9. Transmitter incl. 2 mounting screws |
| 4. Motor housing      | 10. 12V MN21/A23 battery               |
| 5. Blade holder       | 11. Balancing kit                      |
| 6. Mounting plate     |  |



12. Loose parts bag containing:

- a. Blade attachment hardware**  
(10 screws, 10 fiber washers)
- b. Blade holder attachment hardware**  
6 screws with lock washers (1 extra)
- c. Mounting hardware**  
Wire nuts (3)

## *Unpacking Your Fan 2.*

## Tools Required

Phillips screw driver, straight slot screw driver, adjustable wrench, step ladder, and wire cutters.

## 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 35 lbs). Do not use plastic outlet boxes.

### WARNING

TO REDUCE THE RISK OF FIRE, ELECTRIC SHOCK, OR OTHER PERSONAL INJURY, MOUNT FAN ONLY TO AN OUTLET BOX MARKED ACCEPTABLE FOR FAN SUPPORT AND USE THE MOUNTING SCREWS PROVIDED WITH THE OUTLET BOX. OUTLET BOXES COMMONLY USED FOR THE SUPPORT OF LIGHTING FIXTURES MAY NOT BE ACCEPTABLE FOR FAN SUPPORT AND MAY NEED TO BE REPLACED. CONSULT A QUALIFIED ELECTRICIAN IF IN DOUBT.

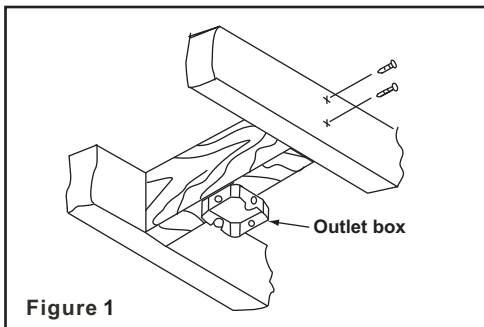


Figure 1

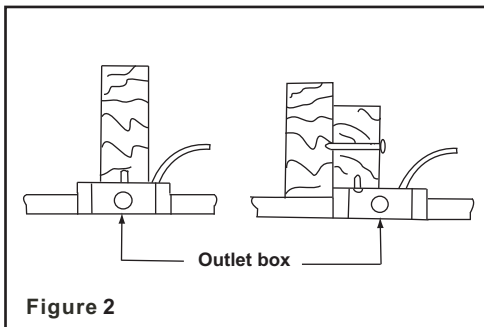


Figure 2

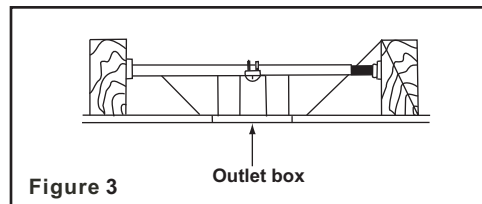


Figure 3

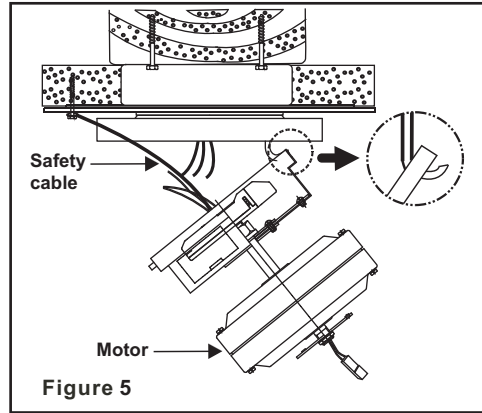
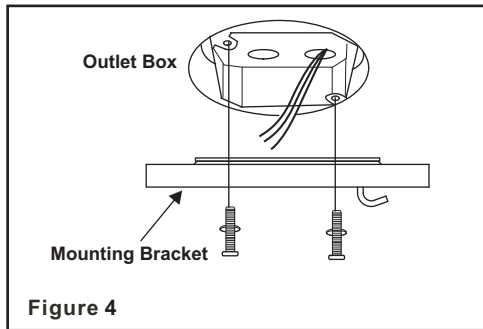
To hang your fan where there is an existing fixture but no ceiling joist, you may need an installation hanger bar as shown in Figure 3.

# 3. Installing Your Fan

## Hanging the Fan

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

1. Attach the mounting bracket to the outlet box with two screws and washers provided with the outlet box. Make sure the bracket is tight and secured (Fig. 4).
2. Lift fan into position by hanging the motor assembly onto the hook from the ceiling mounting bracket allowing it to hang freely (Fig. 5).
3. Secure the safety cable to the building structure with a wood screw. (wood screw not supplied) (Fig. 5)



## Making the Electrical Connections

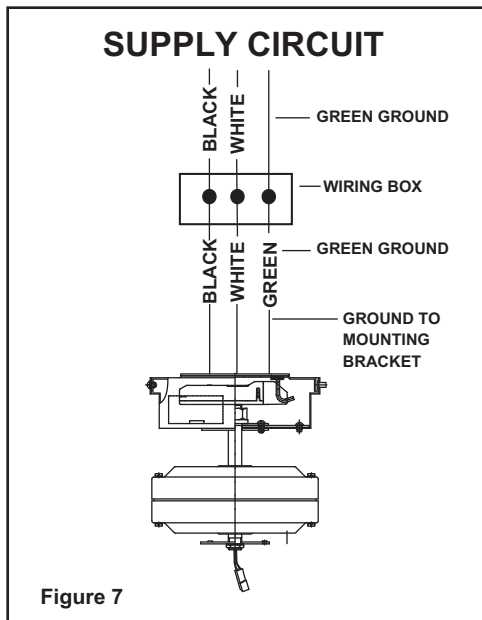
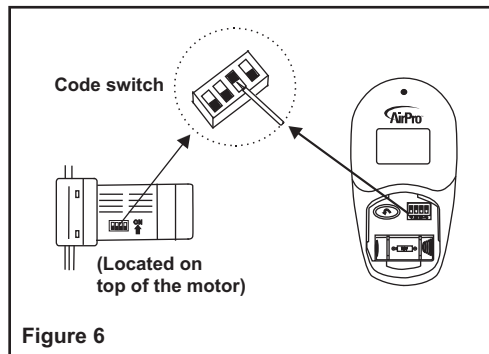
**WARNING:** To avoid possible electrical shock, be sure electricity is turned off at the main fuse box before wiring.

**NOTE:** This remote control unit is equipped with 16 code combinations to prevent possible interference from or to other remote units. The frequency switches on your receiver and transmitter have been preset at the factory. Please recheck to make sure the switches on the transmitter and the receiver are set to the same position, any combination of settings will operate the fan as long as the transmitter and receiver are set to the same position. (Fig. 6)

**Step 1.** (Fig. 7) 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 2.** (Fig. 7) If your outlet box has a ground wire (green or bare copper) connect it to the fan ground wires; otherwise connect the hanging bracket ground wire to the mounting bracket. Secure the wire connection with a plastic nut. After connecting the wires spread them apart so that the green and white wires are on one side of the outlet box and black wires are on the other side. Carefully tuck the wire connections up into the outlet box.

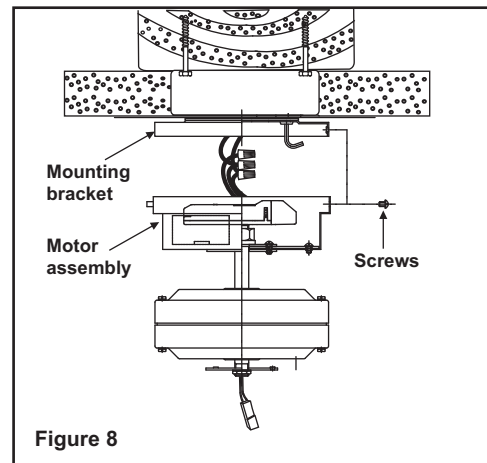
**NOTE:** Fan must be installed at a maximum distance of 20 feet from the transmitting unit for proper signal transmission between the transmitting unit and the fan's receiving unit.



## Finishing the Fan Installation

**Step 1.** Move fan into position over the four mounting bracket and secure with the 4 screws provided. (Fig. 8)

**Step 2.** Raise the motor housing up against the mounting bracket, the four supports inside the housing should be placed against the four studs on mounting bracket, twist the housing clockwise until snug. (Fig. 9).



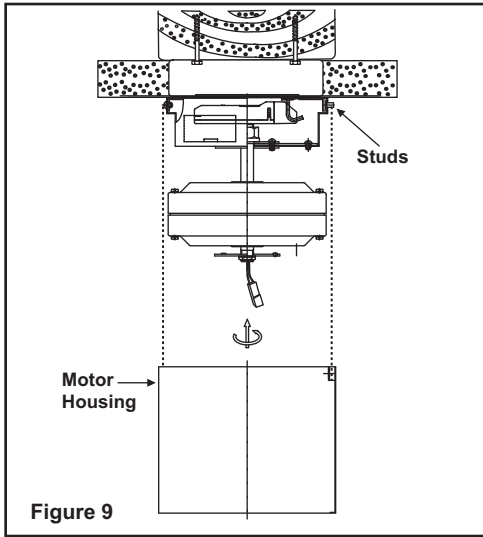


Figure 9

## Attaching the Fan Blades

Step 1. Insert the blade through the slot in the blade holder. Align the holes in the blade and the fan blade holder and secure with a the screw and fiber washer. (Fig. 10)

Step 2. Tighten each screw securely starting with the center screw. Make sure the blade is straight. Repeat steps for the remaining blades.

Step 3. Fasten the blade holder assemblies to the motor by tighten the five screws with lock washers provided. (Fig. 11)

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

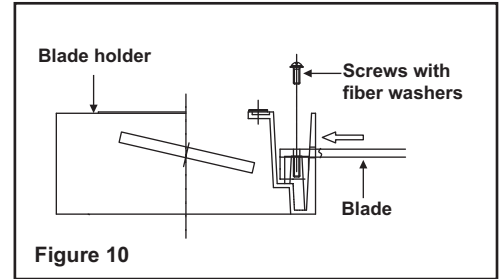


Figure 10

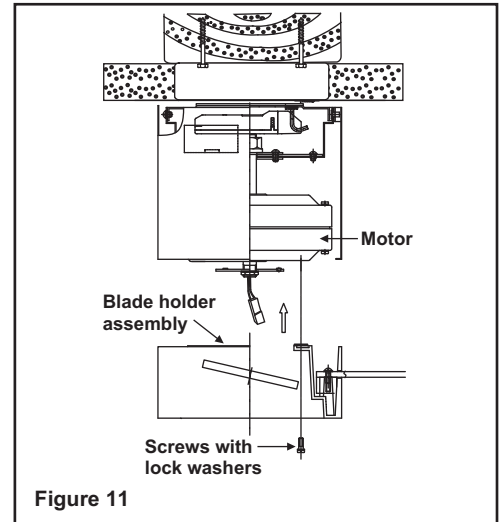


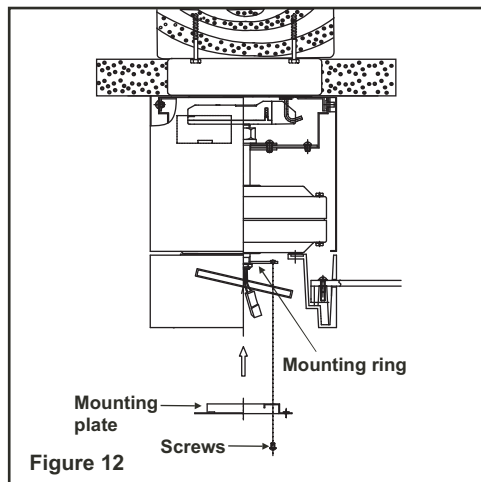
Figure 11



## Installing the Mounting Plate

**Step 1.** Remove 1 of the 3 screws from the mounting ring and loosen the other 2 screws. (Do not remove)

**Step 2.** Place the key holes on the mounting plate over the 2 screws previously loosened from the mounting ring, turn mounting plate until it locks in place at the narrow section of the key holes. Secure by tightening the 2 screws previously loosened and the one previously removed. (Fig. 12)



**CAUTION:** Before starting installation, disconnect the power by turning off the circuit breaker or removing the fuse at fuse box. Turning power off using the fan switch is not sufficient to prevent electric shock.

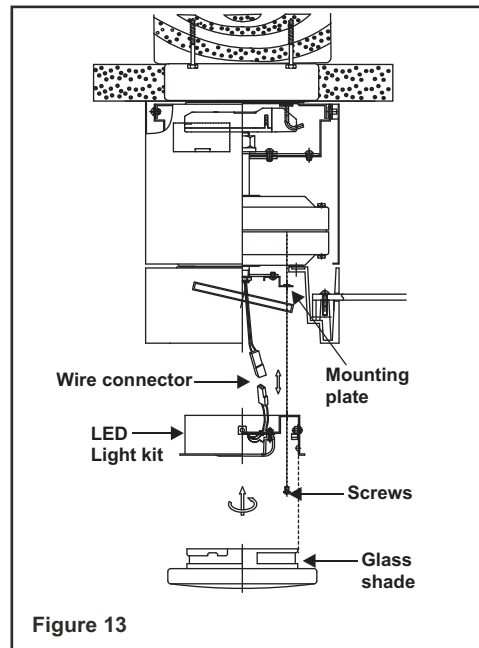
1. Remove 1 of 3 screws from the mounting plate and loosen the other 2 screws. (Do not remove)

2. While holding the LED light kit under the fan motor assembly, make the 2-pin wire connections:

- White to white
- Black to blue

3. Place the key holes in the LED light kit over the two mounting screws previously loosened from the mounting plate. Turn the LED light kit until the LED light kit locks in place at the narrow section of the key holes. Secure by tightening the two screws previously loosened and the one previously removed. (Fig. 13)

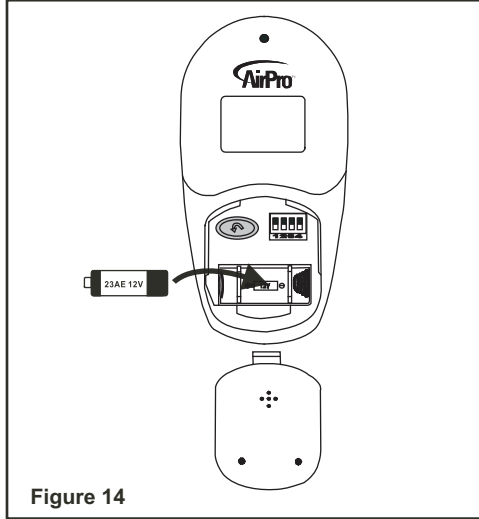
4. Raise the glass shade up against the LED light kit and secure it to the fan by turning the glass shade clockwise until snug. **DO NOT OVERTIGHTEN.** (Fig. 13)



## 7. Installing the Light Kit

# Installing the battery

Install 12V MN21/A23 battery (included), to prevent damage to transmitter, remove the battery if not used for long periods.



## Restore power to ceiling fan and test for proper operation.

1. " ●, ●●, ●●● " buttons:

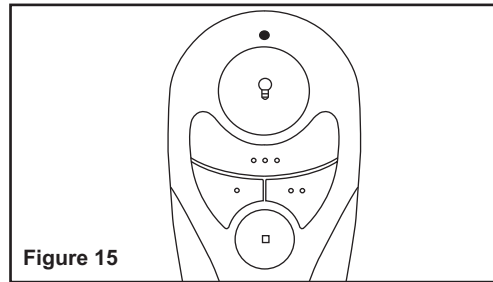
These three buttons are used to set the fan speed as follows:

- = Low speed
- = Medium speed
- = High speed

2. " ⌚ " button: (Fig. 14)

This button controls fan direction.

3. The " ⚡ " button turns the light ON or OFF and also controls the brightness setting. Press and release the button to turn the light ON or OFF. Press and hold the button to set the desired brightness. The light key has an auto-resume, it will stay at the same brightness as the last time it was turned off.



4. " ■ " button:

This button turns the fan off.

**NOTE:** To operate the reverse function on this fan, press the reverse button while the fan is running.

Speed settings for warm or cool weather depend on factors such as the room size, ceiling height, number of fans, etc.

Warm weather - (Forward) A downward air flow creates a cooling effect as shown in Figure 16. This allows you to set your air conditioner on a higher setting without affecting your comfort.

Cool weather - (Reverse) An upward airflow moves warm air off the ceiling area as shown in Figure 17. This allows you to set your heating unit on a lower setting without affecting your comfort.

# Operating Your Transmitter 8.

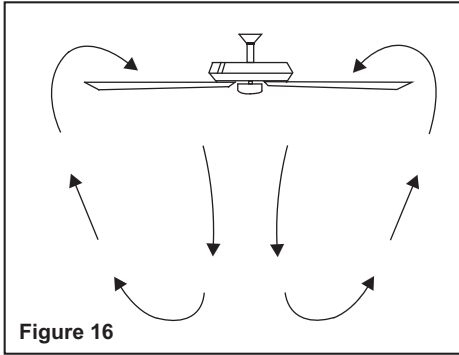


Figure 16

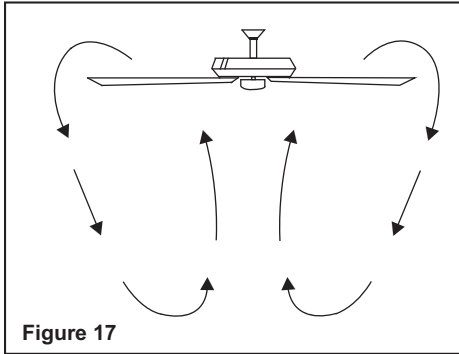


Figure 17

## Blade balancing

All blades are grouped by weight. Because natural woods vary in density, the fan may wobble even though the blades are weighed equally.

The following procedure should correct most fan wobbling problems. Check after each step.

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 as shown in Fig. 18. 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.

### WARNING

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

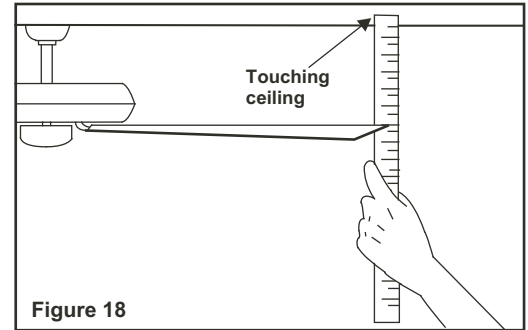


Figure 18

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"

*Care of Your Fan 10.*

## Problem

## Solution

Fan will not start.

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.
3. Check to make sure the dip switches from the transmitter and receiver are set to the same frequency.

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 lampshade 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.

Remote control  
malfunction

1. Do not connect the fan with wall mounted variable speed control (s).
2. Make sure the dip switches are set correctly.

# *11. Troubleshooting*

<b>Fan Size</b>	<b>Speed</b>	<b>Volts</b>	<b>Amps</b>	<b>Watts</b>	<b>RPM</b>	<b>CFM</b>	<b>N.W.</b>	<b>G.W.</b>	<b>C.F.</b>
<b>56"</b>	<b>Low</b>	<b>120</b>	<b>0.25</b>	<b>14.29</b>	<b>81</b>	<b>1820.61</b>	<b>19.18 lbs</b>	<b>21.61 lbs</b>	<b>1.77'</b>
	<b>High</b>	<b>120</b>	<b>0.47</b>	<b>55.01</b>	<b>181</b>	<b>4263.21</b>			

These are approximate measures. They do not include Amps and Wattage used by the light kit.

*Specifications 12.*