60" Hatteras Bay™ Patio

A Kichler® Décor™ ceiling fan

Includes our new
Wall Control System

Damp
LOCATION

Kichler® Lighting
7711 East Pleasant Valley Road
P.O. Box 318010
Cleveland, Ohio 44131-8010

Customer Service
866.558.5706
8:30 AM to 5:00 PM EST,
Monday - Friday

KICHLER®

Instruction Manual

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2. TOOLS AND MATERIALS REQUIRED

● Philips screw driver
● Blade screw driver
● 11 mm wrench
● Step ladder
● Wire cutters
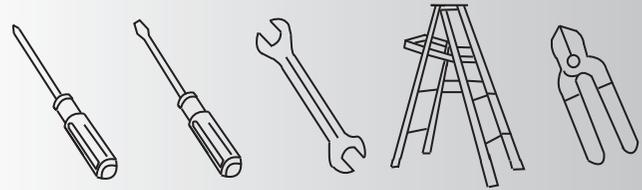
3. PACKAGE CONTENTS

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

a. Fan blades (5)
b. Canopy & Ceiling mounting bracket
c. Ball/downrod assembly
d. Coupling cover
e. Fan motor assembly
f. Set of blade brackets (5)
g. Blade bracket medallions (5)
h. Light Plate
i. Light fixture
j   Receiver
k. Wall Transmitter
l. 40 Watt candelabra bulbs (4)
m. Part bag contents
    1) Mounting hardware:
       star washers (2), wire nuts (3),
       machine screws (2), washers (2),
       wood screws (2)
    2) Rubber gasket
    3) Blade attachment hardware:
       screws (17), rubber washers (17),
       iron washers (17)
    4) Blade bracket attachment hardware:
       screws (12)
    5) Safety cable hardware:
       wood screw, lock washer, flat washer
    6) Balance Kit

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Fig. 1

Outlet box

Fig. 2

ANGLED CEILING
MAXIMUM 20° ANGLE

Provide strong
support

Recessed
outlet box

Ceiling
mounting
plate

Fig. 3

Outlet box
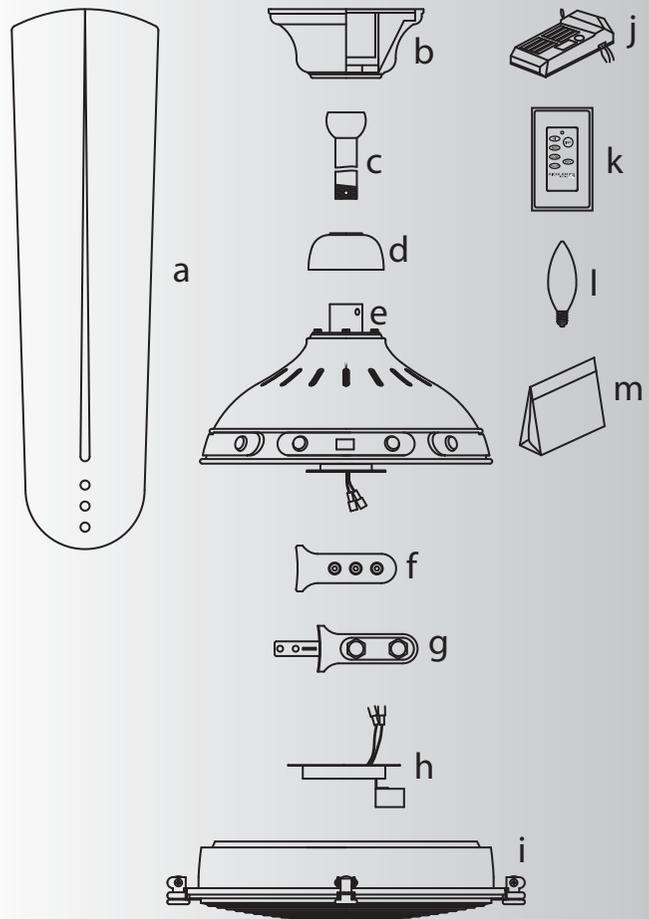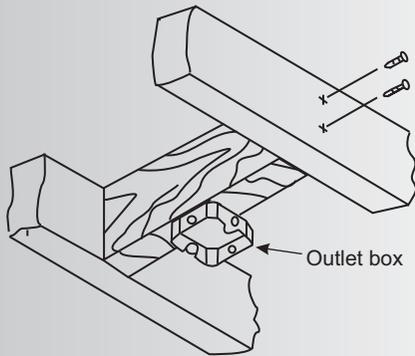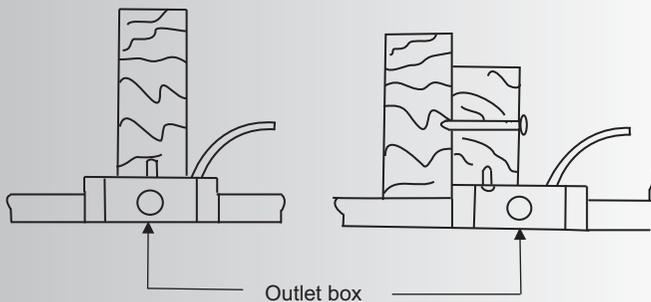
Fig. 4

4. MOUNTING OPTIONS

If there isn't an existing UL (cUL for Canadian Installation) 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: 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. 4)

5. HANGING THE FAN

NOTE: This ceiling fan is supplied with two types of hanging assemblies; a downrod and canopy mounting system and a "close to ceiling" Canopy ONLY system. The "close-to-ceiling" installation is recommended in rooms with less than 8-foot ceilings or in areas where additional space is desired from the floor to the fan blades. Once you have selected which mounting system you will use, proceed with the following instructions. Where necessary, each section of the instructions will note the different procedures to follow for the two types of mounting.

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. (Fig. 5)

Step 2. Remove the decorative mounting screw cover from the canopy and loosen the four screws on the top of the canopy. Remove the two non-slotted screws and loosen the slotted screws. This will enable you to remove the ceiling mounting bracket. (Fig. 5)

Step 3. Remove the ceiling mounting bracket from the canopy by loosening the two screws on the bottom of the ceiling mounting bracket. Turn the canopy counterclockwise and remove. (Fig. 5)

Step 4. Pass the 120 volt supply wires from the ceiling outlet box through the center of the ceiling mounting bracket. (Fig. 6)

Step 5. Attach the ceiling mounting bracket to the outlet box using the screws and washers included with the outlet box. (Fig. 6)

STANDARD CEILING INSTALLATION

Step 1. Remove the hanger ball from the downrod assembly by loosening the set screw, removing the cross pin and sliding the ball off the rod. (Fig.7)

Step 2. Loosen the two set screws and remove the hitch pin and retaining clip from the coupling on top of the motor assembly. (Fig. 7)

Fig. 5

Fig. 6

Fig. 7

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Registration slot

Check tab

Fig. 8

Screws and Lock washers (3 of 6 places)

Canopy

Rubber gasket

Coupling

Decorative mounting screw cover

Fig. 9

Hook
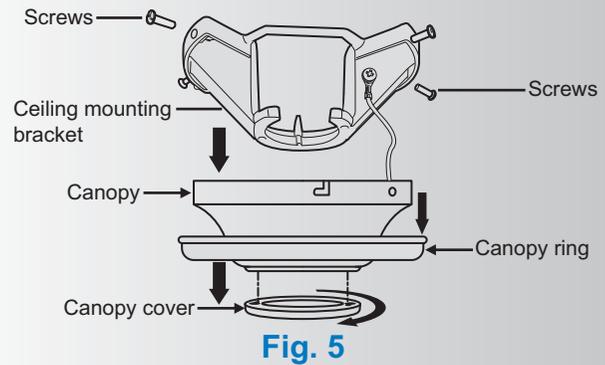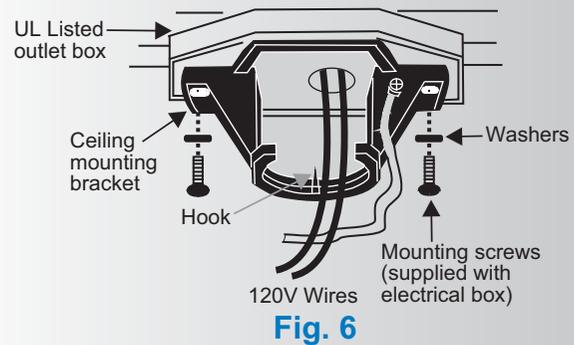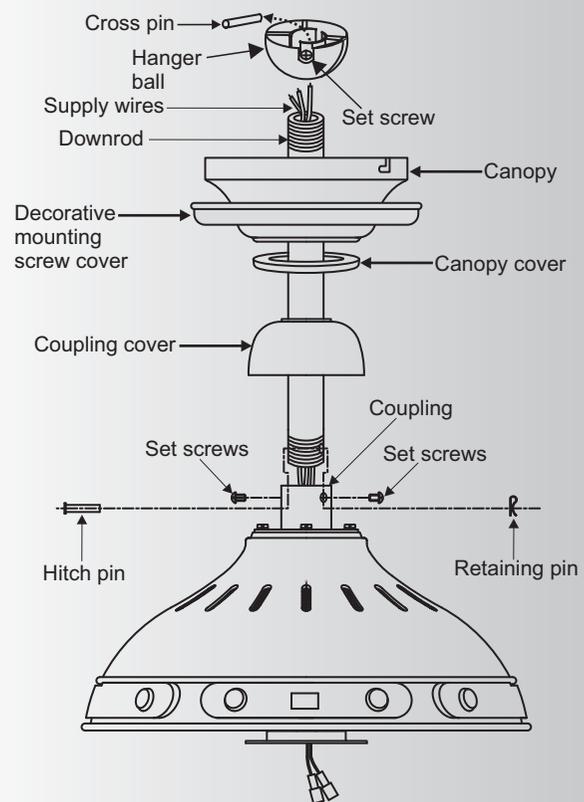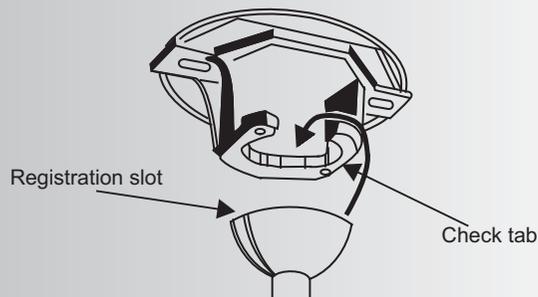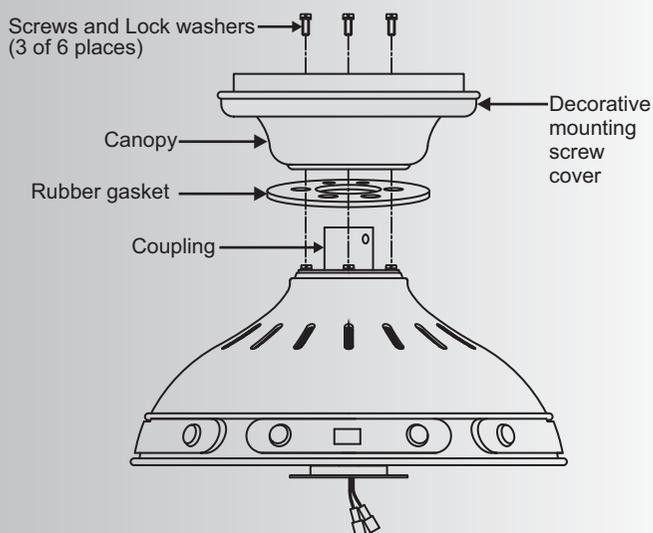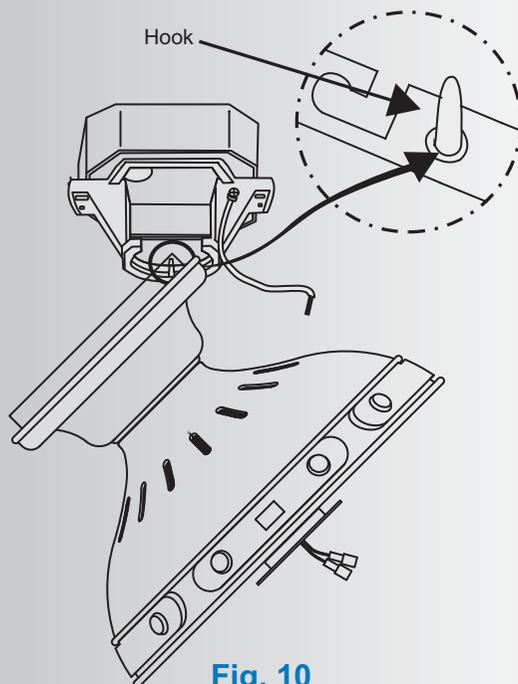
Fig. 10

Step 3. Carefully feed the electrical lead wires from the fan up through the downrod. Thread the downrod into the coupling until the Hitch pin holes are aligned.

Next, replace the hitch pin and retaining clip. Tighten both set screws. (Fig. 7)

Step 4. Slip the coupling cover, canopy cover, decorative mounting screw cover and canopy onto the downrod.

Thread the hanger ball onto the downrod, insert the cross pin through the downrod and tighten. Now tighten the set screw. (Fig. 7)

Step 5. Lift the motor assembly into position and place the hanger ball into the ceiling mounting bracket.

Rotate the entire assembly until the "Check Tab" has dropped into the "Registration Slot" and seats firmly. (Fig. 8)

The entire motor assembly should not rotate (left or right) when seated properly.

WARNING: Failure to properly seat the "Check Tab" can damage the ceiling fan during operation.

CLOSE-TO-CEILING INSTALLATION

Step 1. Remove three of the six screws and lock washers (every other one) from the collar on top of the motor assembly. Place the ceiling fan canopy and rubber gasket over the collar and align the mounting holes with the holes in the collar. Attach the canopy and rubber gasket with the three screws and lock washers previously removed. (Fig. 9)

WARNING: Failure to completely tighten the three mounting screws in step 9 could result in the fan possibly falling from the ceiling.

Step 2. Push the decorative mounting screw cover down and off the canopy letting it rest on top of the motor housing (Fig. 10) and hang the fan on the ceiling mounting bracket by inserting the hook on the inside edge of the ceiling mounting bracket through one of the screw holes in the ceiling canopy (Fig. 10). This will allow you to have both hands free to make the wiring connections.

6. INSTALLATION OF SAFETY SUPPORT
### (required for Canadian installation ONLY)

A safety support cable is provided to help prevent the ceiling fan from falling, please install it as follows.

Step 1. Attach the provided wood screw and washers to the ceiling joist next to the mounting bracket but do not tighten. (Fig. 11)

Step 2. Adjust the length of the safety cable to reach the screw and washers by pulling the extra cable through the cable clamp until the overall length is correct, put the end of the cable back through the cable clamp, forming a loop at the end of the cable. Tighten the cable clamp securely. Now, put the loop in the end of the safety cable over the wood screw and under the washer. Tighten the wood screw securely.
NOTE: Although the safety support cable is required for Canadian installations only. It's a good idea to make the attachment with any installation.

Hanger bracket
Safety cable
Attach safety cable to ceiling joist with screw and washer
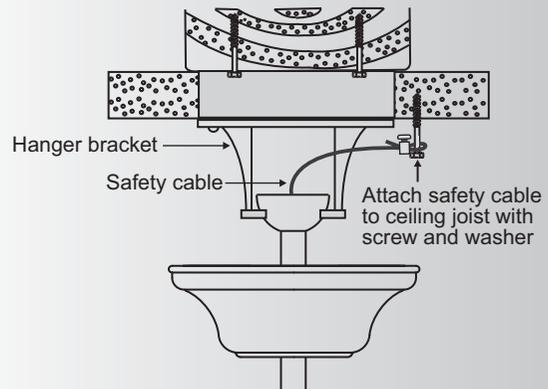
Fig. 11

7. 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 suppled with your fan. Secure the connectors with electrical tape. Make sure there are no loose wire strands or connections.

NOTE: The CoolTouch™ Control System is equipped with 16 possible frequency combinations to prevent interference from or with other remote control units. The frequency switches on your receiver and transmitter have been preset at the factory. Please recheck to make sure the switches on transmitter and 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. 12)

Step 1. Insert the receiver into the ceiling mounting bracket with the flat side of the receiver facing the ceiling. (Fig. 13) For best performance, make sure the Black Antenna, on the end of the receiver, remains extended and not tangled with any of the electrical wires.

Step 2. Motor to Receiver Electrical Connections: (Fig. 14) Connect the black wire from the fan to the black wire marked "TO MOTOR L" on the receiver.


Code switch
ON

Fig. 12

Receiver
Hanger bracket

Fig. 13

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Outlet box

Black (hot)

Black ("AC IN L")

Receiver

Black ("to motor L")

Blue (for light)

Blue (for light)

Black (motor)

White (neutral)

Green or bare copper (ground)

White ("AC IN N")

White ("to motor N")

Ground — (Connect to (green)   ground wire on hanger bracket if no house ground wire exists.)

White (neutral)
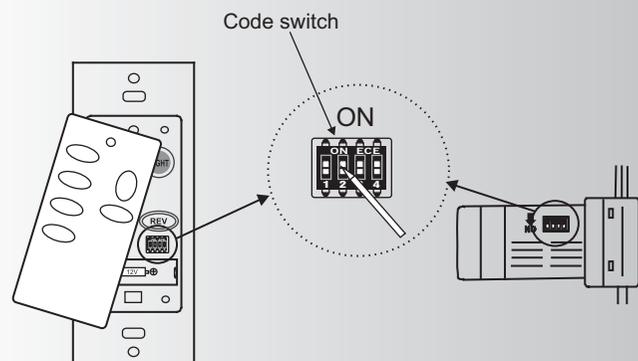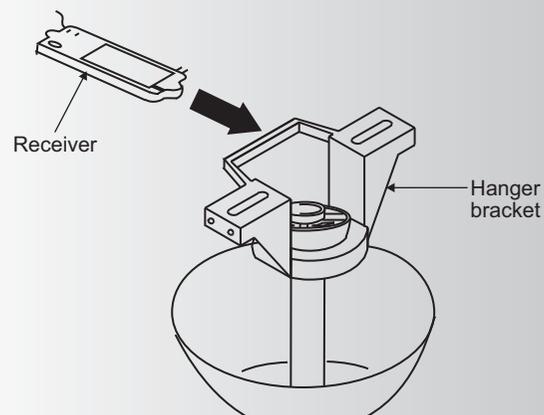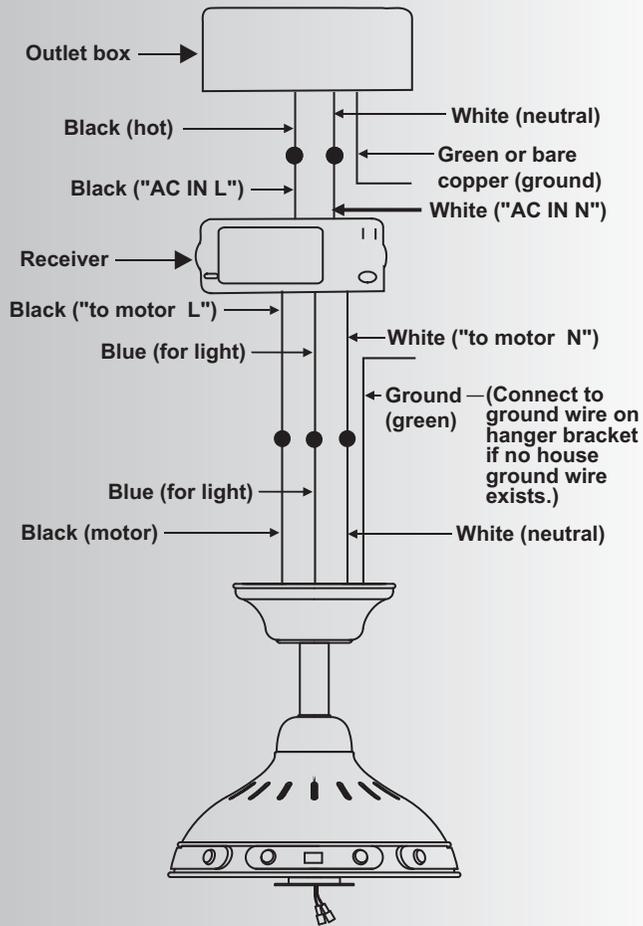
Fig. 14

Connect the white wire from the fan to the white wire marked "TO MOTOR N" on the receiver. Connect the blue wire from the fan to the blue wire marked "FOR LIGHT" on the receiver.

Secure each set of wire connections with the plastic wire nuts provided in the parts bag.

Step 3. Receiver to Supply Wires Electrical Connections: (Fig. 14) Connect the black (load) wire from the ceiling outlet box to the black wire marked "AC in L" on the receiver. Connect the white (neutral) wire from the ceiling outlet box to the white wire marked "AC in N" on the receiver.
Secure each set of electrical connections with with the plastic wire nuts provided in the parts bag.

Step 4. Connect the ground wire (green or bare copper) from the outlet box to the ground wire on the ceiling mounting bracket and the ground wire from the ceiling fan. After making all connections, separate the white and green wire connections to one side and the black wire connections to the other side of the outlet box.

NOTE: Fan must be installed at a maximum distance of 30 feet from the Hand Held Remote Transmitter for optimal signal transmission between the transmitter and the fan's receiving unit.

8. FINISHING THE INSTALLATION

STANTARD CEILING INSTALLATION

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

Step 2. Slide the canopy up to the ceiling and attach the canopy to the ceiling mounting bracket using 4 screws at the top edge of the mounting bracket. Insert each screw through the canopy mounting hole and into the mounting bracket. Slide the canopy cover up to the canopy and rotate clockwise until tight. Tighten all screws securely. (Fig. 15)

Step 3. Slide the decorative mounting screw cover up to cover the mount screw heads.
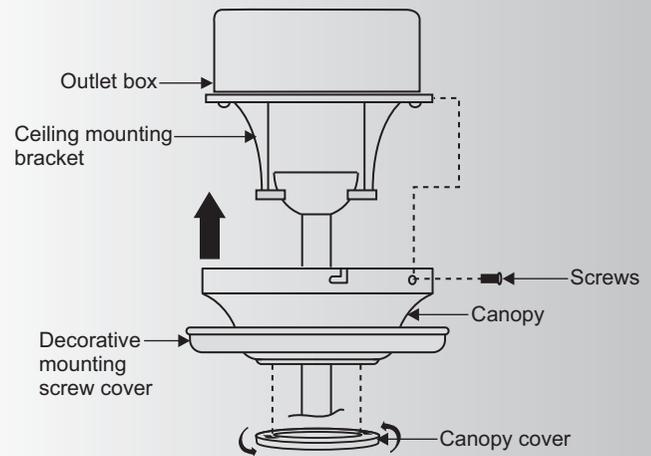
Fig. 15

CLOSE-TO-CEILING INSTALLATION

Remove the fan from the hook on the ceiling mounting bracket. Attach the fan assembly to the ceiling mounting bracket using 4 screws at the top edge of the canopy. Insert each screw through the canopy mounting hole and into the mounting bracket. Tighten all screws securely.

Slide the decorative mounting screw cover up to cover the mount screw heads. (Fig. 16)

Fig. 16

Screws
Fiber washers
Iron washers
Blade bracket medallions
Blades
Blade brackets
Screws
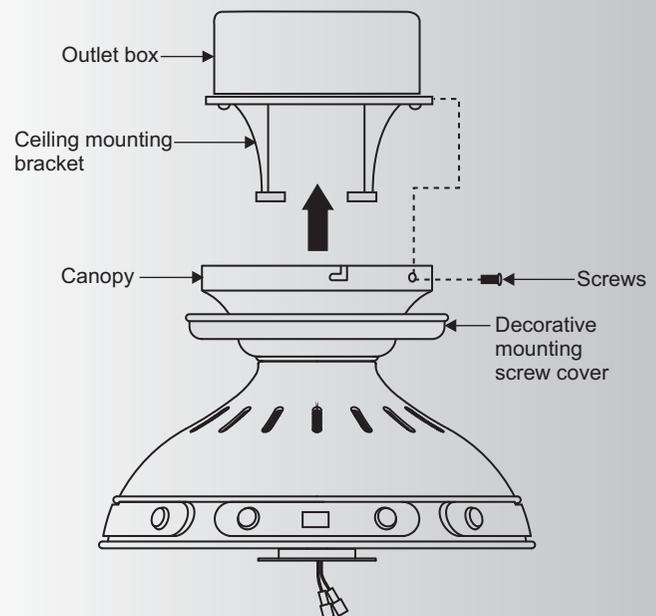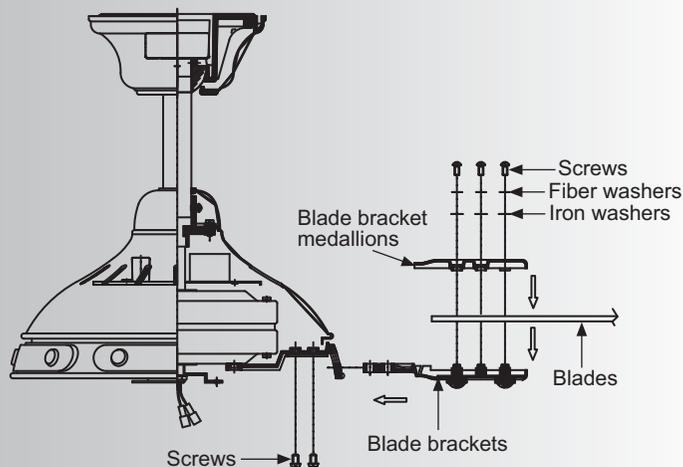
Fig. 17

9. ATTACHING THE FAN BLADES

Step 1. Place a blade between a blade bracket and a blade bracket medallion. Attach all three pieces using the screws , fiber washers and iron washers provided. (Fig. 17)

Make sure the blade is straight when set on the blade bracket and the medallion. Tighten each mounting screw and then repeat this procedure for each blade.

Step 2. Attach each blade assembly to the motor using two mounting screws for each blade assembly. (Fig 17)

NOTE: Make sure these mounting screws are securely tightened.

Mounting ring
Light fixture
Padlocks
Screws
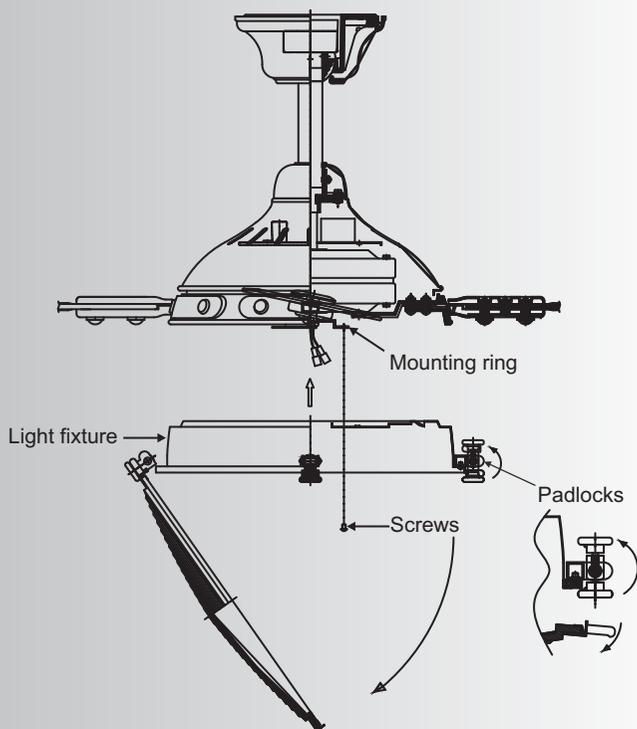
Fig. 18

10. INSTALLING THE LIGHT FIXTURE

1. Loosen the two screws on the mounting ring attached to the motor shaft and "remove" and save the third screw. (Fig. 18)

2. Place the key hole slots on the light fixture over the two screws previously loosened on the mounting ring.

Turn the light fixture until is locks in place at the narrow section of the key hole slots.

Tighten both key hole screws and replace the third screw previously removed and tighten securely.

3. Loosen the padlocks on one side of the light fixture allowing the lens holder to open. (Fig. 18)

11. INSTALLING THE LIGHT PLATE

Step 1. Loosen the three mounting screws on the inside of the light fixture and "remove" and save the fourth screw. (Fig. 19)

Step 2. Hold the light plate close to the light fixture and connect the white wires from the light plate and the fan. Follow the same procedure with the black wire connectors. (Fig. 19)

Step 3. Tuck the connections neatly into the light fixture.
NOTE: Be careful not to pinch the light plate wires between the light plate and the light fixture.

Step 4. Place the light plate key hole slots over the three screws previously loosened on the light fixture and turn the light plate until it locks in place at the narrow section of the key hole slots. Tighten the three key hole screws and replace the fourth screw previously removed and tighten securely. (Fig. 19)

Light fixture

Wire connector

Light plate

Mounting screws
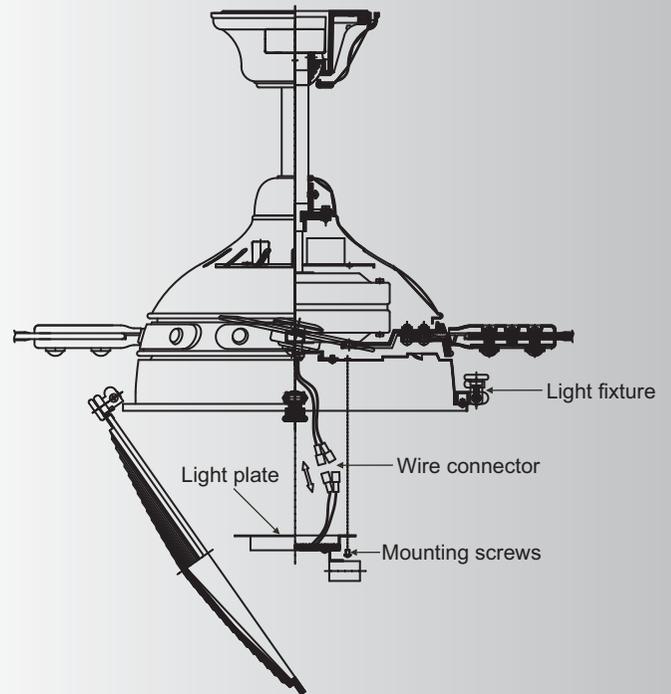
Fig. 19

12. INSTALL THE LIGHT BULBS AND GLASS LENS

Step 1. Install 4, 40W candelabra bulbs (included). (Fig. 20)

Step 2. Carefully lift the light fixture lens onto the lens holder align the edge and close the light fixture.

NOTE: Make sure to the padlocks and tighten to prevent the lens holder from coming tumble.(Fig. 20)

Light fixture

Light plate

Padlocks

Bulbs

Glass lens

Fig. 20

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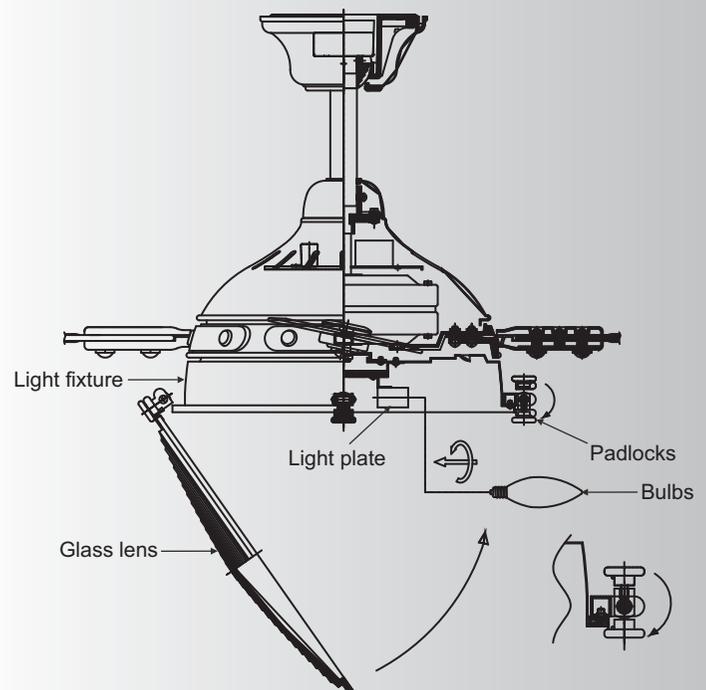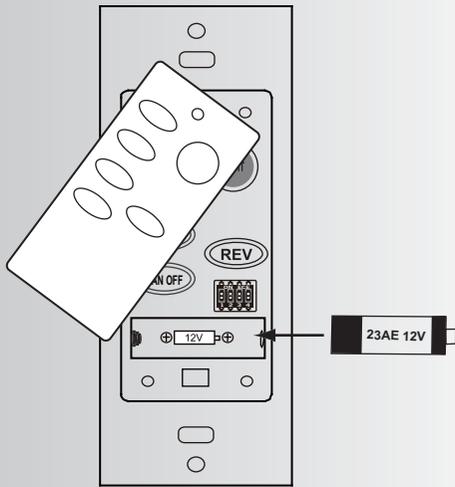
Fig. 21

13. INSTALLING THE BATTERIES

Remove the face plate of the Wall Switch by lifting at the top and then insert the supplied 12V battery. Duracell MN21/Eveready A23/GP 23A all 12V.

Replace the switch face plate.

To prevent possible damage to the transmitter, remove these batteries if not used for long periods of time (months).

Fig. 22

14. OPERATING INSTRUCTIONS

HI Button   =   High Speed
MED Button   =   Medium Speed
LOW Button   =   Low Speed
FAN OFF Button   =   Motor Off
LIGHT Button   =   Light ON or OFF
REV Button   =   The "REV" button is used to set the fan forward or reverse, press the button forward (for warm weather) or reverse (for cool weather).

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

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

15. INSTALLING THE BASIC FUNCTION WALL CONTROL SYSTEM WALL PLATE

Select a location to install the Basic Function Wall Control System Transmitter and Wall Plate.

RMEMEBER you can safely use the transmitter outdoors but it should be mounted indoors away from excess heat and away from contact with water or humidity.

Install the wall plate using an existing wall switch outlet box. Make sure the electrical power is TURNED OFF at the main panel before continuing.

Step 1. Remove the existing wall plate and the old switch from the wall outlet box. Wire nut the BLACK leads (hot) together and push back inside the outlet box. (Fig. 23)

Step 2. Install the wall plate on the existing wall outlet box using the screws provided. (Fig. 24)

After installing the wall anchors, attached the wall plate with the mounting screws to finish the installation.


Fig. 23

Fig. 24

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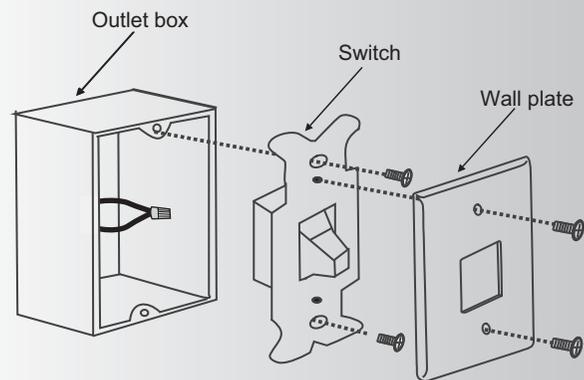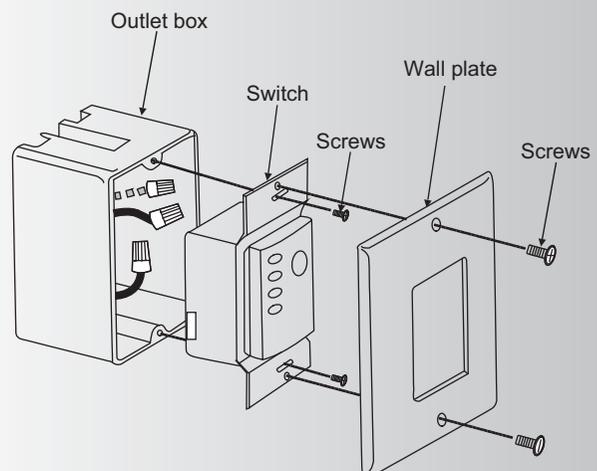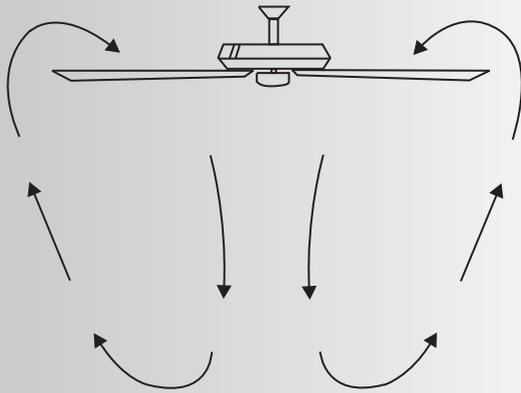
Fig. 25
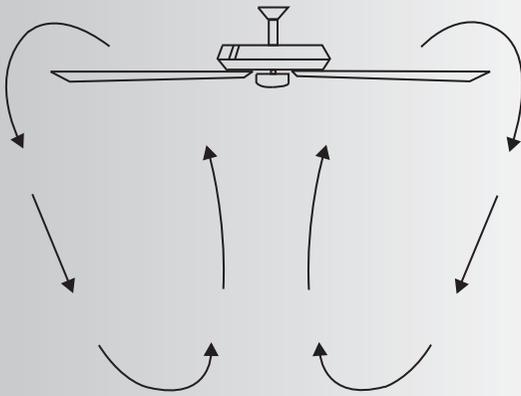
Fig. 26

16. OPERATING INSTRUCTIONS

The Black Slide Switch on the side of the switch housing controls the direction of the blades "Forward and Reverse".

Warm weather - Forward (counter clockwise) A downward airflow creates a cooling effect as shown in Fig. 25. This allows you to set your air conditioner on a warmer setting without affecting your comfort.

Cool weather - Reverse (clockwise) An upward airflow moves warm air off the ceiling area as shown in Fig. 26. This allows you to set your heating unit on a cooler setting without affecting your comfort.

NOTE: To change the direction of rotation for the fan blades, locate the reverse switch located on the top of the motor housing.

17. TROUBLESHOOTING

Problem	Solution

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. Positive (+) side facing out.
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.
2. Make sure the frequency dip switches in the transmitter and receiver have identical settings.
3. Make sure the Black Antenna on the receiver is **NOT** tangled with any other electrical wires and is extended around the inside of the ceiling canopy.

18. SPECIFICATIONS

Fan Size	Speed	Volts	Amps	Watts	RPM	CFM	CFM/W	N.W.	G.W.	C.F.
60"	High	120	0.57	69.00	150	6665.26	97	29.70 kgs	31.90 kgs	3.09'
	Medium	120	0.52	41.40	110	4978.95	120			
	Low	120	0.35	16.80	65	2751.10	164			

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