KICHLER®

52" RENEW™ DESIGNER

INSTRUCTION MANUAL

UL Model #330163

TABLE OF CONTENTS

Read all instructions BEFORE assembly and USE of product
KEEP INSTRUCTIONS FOR FUTURE USE

SAFETY RULES

1. **CAUTION -RISK OF SHOCK-**
   Disconnect Power at the main circuit breaker panel or main fusebox before starting and during the installation.

2. **WARNING:** This fixture is intended for installation in accordance with the National Electrical Code (NEC) and all local code specifications. If you are not familiar with code requirements, installation by a certified electrician is recommended.

3. **WARNING:** 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.

5. **WARNING:** To reduce the risk of fire, electric shock or personal injury, mount fan to outlet box marked "acceptable for fan support".

6. The outlet box and support structure must be securely mounted and capable of reliably supporting a minimum of 50 pounds. Use only CUL Listed outlet boxes marked "FOR FAN SUPPORT".

7. The fan must be mounted with a minimum of 7 feet clearance from the trailing edge of the blades to the floor.

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

9. Avoid placing objects in the path of the blades.

10. To avoid personal injury or damage to the fan and other items, be cautious when working around or cleaning the fan.

11. 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.
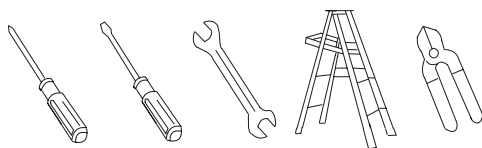
12. After marking electrical connections, spliced conductors should be turned upward and pushed carefully up into outlet box. The wires should be spread apart with the grounded conductor and the equipment-grounding conductor on one side of the outlet box.

13. Electrical diagrams are 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 and switches for proper assembly.

14. **WARNING:** To reduce the risk of personal injury, do not bend the blade brackets (also reffered to as flanges) during assembly or after installation. Do not insert objects in the path of blades.
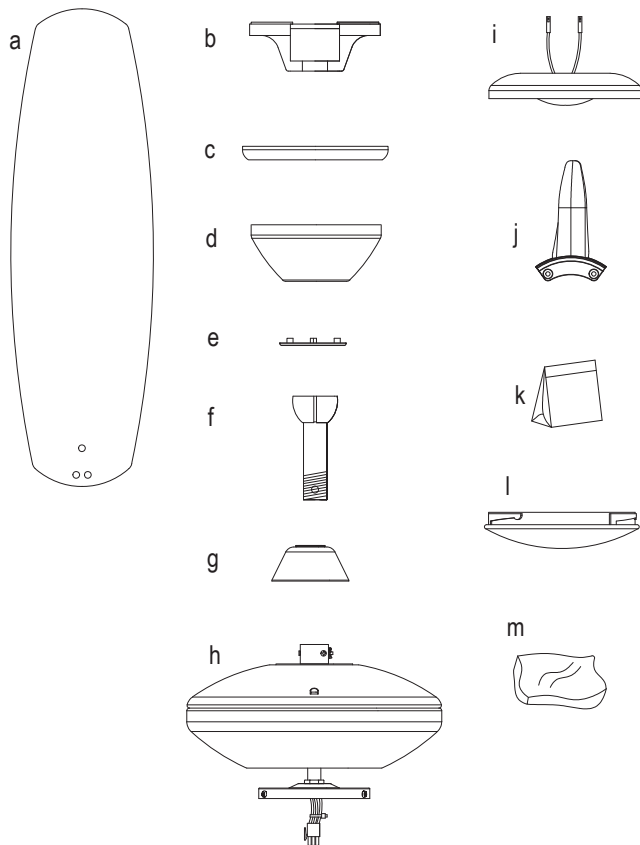
TOOLS REQUIRED

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

PACKAGE CONTENTS

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

A. Fan blades (5)

B. Ceiling mounting bracket

C. Canopy decoration ring

D. Canopy

E. Canopy Cover

F. Ball/downrod assembly

G. Coupler cover

H. Fan motor assembly

I. 17W LED Light Kit

J. Blade brackets with pre-installed mounting screws (5)

K. Package hardware:

   1) Safety cable hardware: screw (1), flat washer (1)

   2) Gasket

   3) Pull chains and fobs (1)

   4) Balancing Kit

   5) Blade attachment hardware: screws (15), washers (15)

L. Glass shade

M. Remote package

   1) Receiver

   2) Wall transmitter

MOUNTING OPTIONS

If there is not 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 full weight of the fan (up to 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)
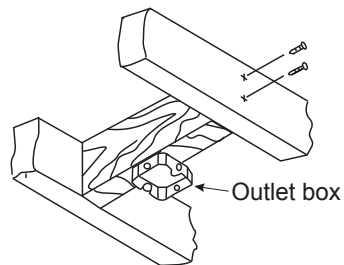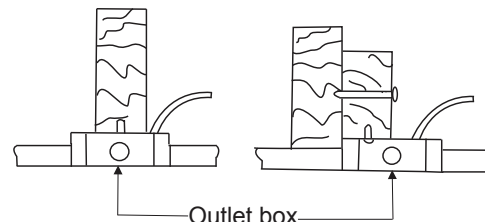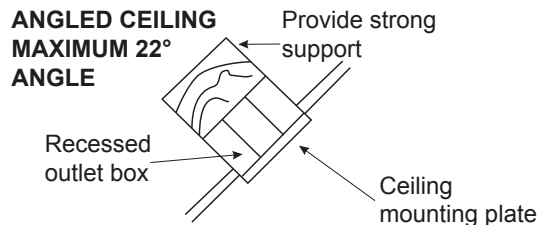
Outlet box

Fig. 1

Outlet box

Fig. 2

ANGLED CEILING MAXIMUM 22° ANGLE

Provide strong support

Recessed outlet box

Ceiling mounting plate
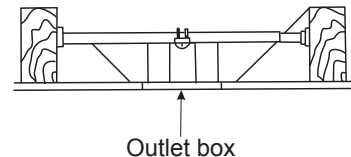
Fig. 3

Fig. 4

Outlet box

HANGING THE FAN

REMEMBER to turn off the power before you begin.

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

NOTE: This ceiling fan is supplied with two types of hanging assemblies; the standard ceiling installation using the downrod with ball and socket mounting and the "close-to-ceiling" installation. The "close-to-ceiling" installation is recommended in rooms with less than 8-feet ceilings or in areas where additional space is desired from the floor to the fan blades.
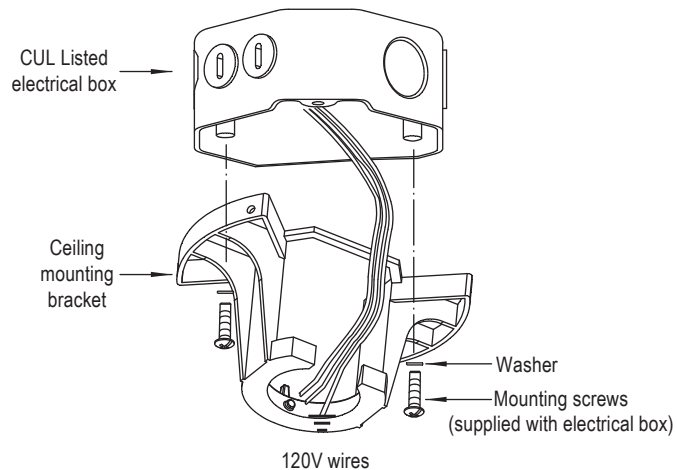
CUL Listed electrical box

Ceiling mounting bracket

Washer

Mounting screws (supplied with electrical box)

120V wires

Fig. 5

HANGING THE FAN

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 provided with your outlet box.

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

Step 4. Route wires exiting from the top of the fan motor through the coupler cover, canopy cover, canopy, decoration ring 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 (Fig. 6). 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, as noted in the circle inset of Fig. 6.

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

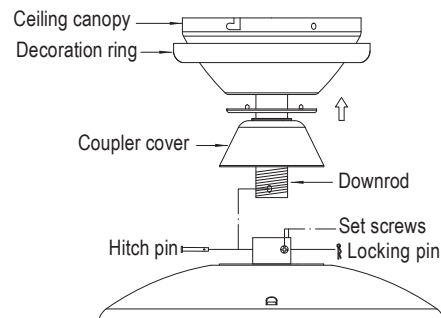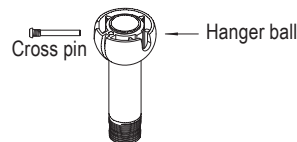**Step 7.** Place downrod ball into the hanger bracket socket. (Fig 7)

Cross pin — Hanger ball

Ceiling canopy
Decoration ring
Coupler cover
Downrod
Set screws
Hitch pin — Locking pin

Fig. 6

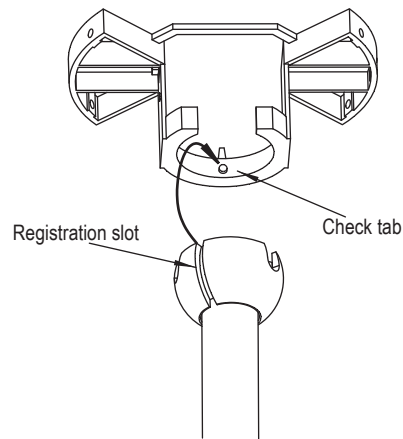Registration slot
Check tab

Fig. 7

HANGING THE FAN

Close-to-Ceiling Installation

Step 1. Pass the 120-volt supply wires through the center hole in the ceiling hanger bracket as shown in Fig. 8.

Step 2. Secure the hanger bracket to the ceiling outlet box with the screws and washers provided with your outlet box.

Step 3. Remove three of the six screws and lock washers (every other one) from the collar of top motor (Fig. 9)

Step 4. Place the ceiling canopy with decoration ring and the gasket over the collar at the top of the motor. Align the mounting holes with the holes in the motor and fasten using the screws and lock washers provided. (Fig. 9)

Step 5. Tighten the mounting screws securely. (Fig. 9)

WARNING: Failure to completely tighten the three screws in step 5 could result in fan loosening and possibly falling.

Step 6. Hang the fan on the hook of the hanger bracket. Be certain that the canopy is fully locked into hook as shown in Fig. 10. This will allow you to make the electrical connections.
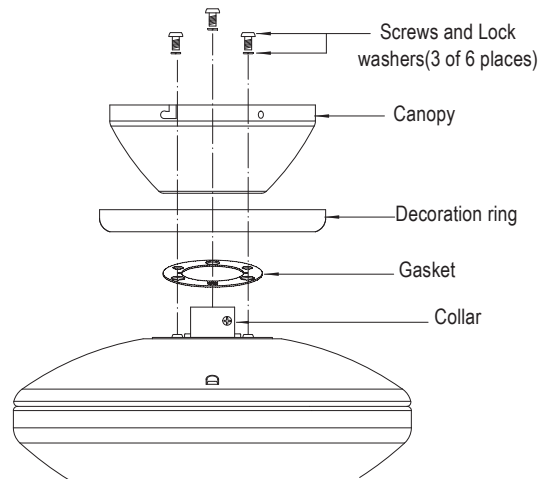
Screws and Lock washers(3 of 6 places)

Canopy

Decoration ring

Gasket

Collar

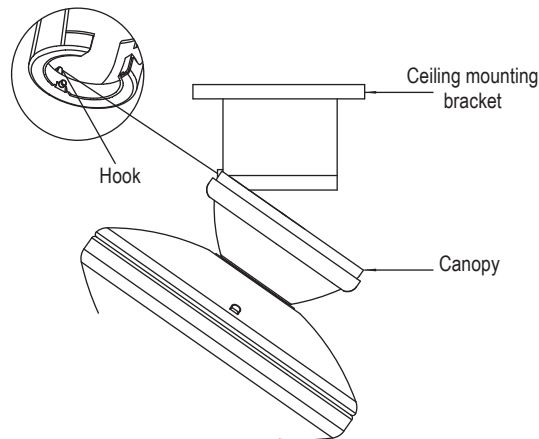**Fig. 8**

Ceiling mounting bracket

Hook

Canopy

Fig. 9

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. 10)

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 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.
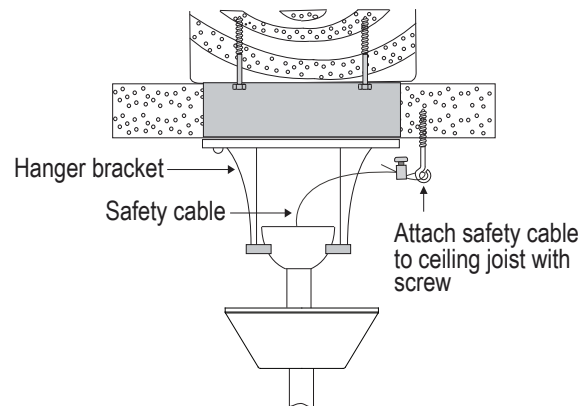
ELECTRIC CONNECTIONS

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 connector with electrical tape. Make sure there are no loose wire strands or connections.

Step 1. Insert the receiver into the ceiling mounting bracket with the flat side of the receiver facing the ceiling. (Fig. 11) 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.
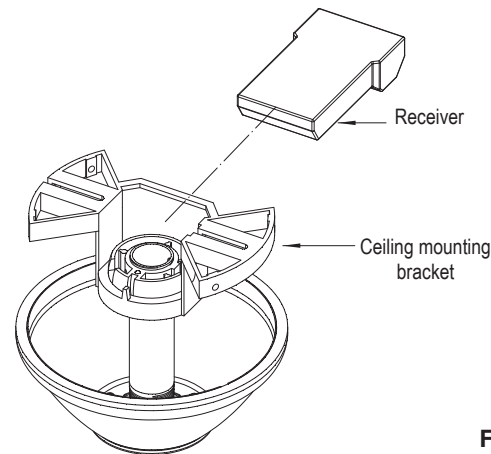
Hanger bracket

Safety cable

Attach safety cable to ceiling joist with screw

Fig. 10

Receiver

Ceiling mounting bracket

Fig. 11

ELECTRIC CONNECTIONS

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. 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 all the wire connections with the plastic wire nuts provided.

Step 3. (Fig. 14) 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 4. (Fig. 14) 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 (provided). After connecting the wires, spread them apart so that the green and white wires are on one side of the outlet box and black and blue wires are on the other side. Carefully tuck the wire connections up into the outlet box.
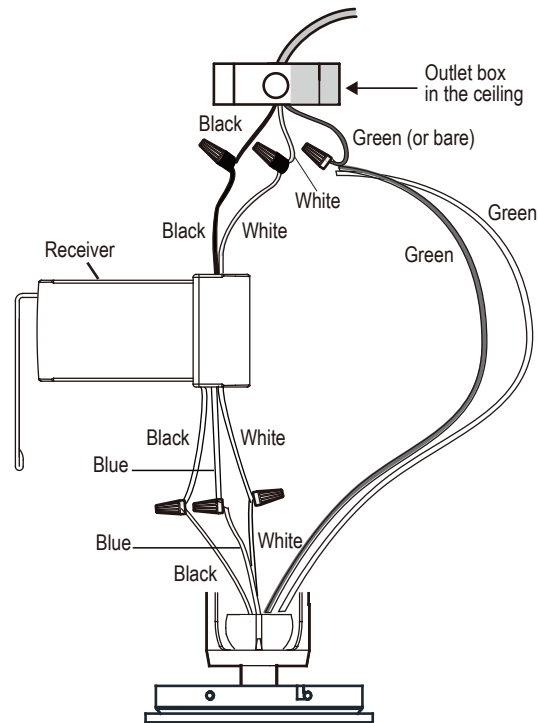
Outlet box in the ceiling

Black

Green (or bare)

White

Green

Black

White

Green

Receiver

Black

White

Blue

Blue

White

Black

Fig. 12

FINISHING THE MOTOR INSTALLATION

Standard Ceiling Installation

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

Step 2. Slide the canopy up to 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. Tighten all screws securely. (Fig. 13)

Close-to-Ceiling Ceiling Installation

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

Step 2. 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 mounting bracket.

Align the keyhole slots on the canopy with the mounting screw heads on the sides of the mounting bracket. Lift up and turn the fan assembly until the heads of the mounting screws are in the narrow end of the keyhole slots.

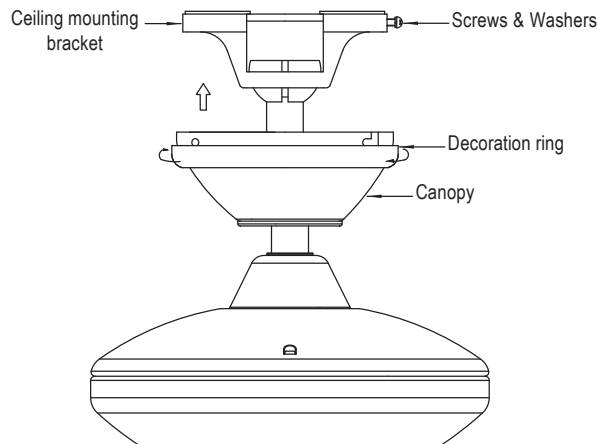**Step 3**. Make sure all four mounting screws are tight. (Fig. 14)

Ceiling mounting bracket — Screws & Washers

Decoration ring

Canopy

Fig. 13

Ceiling mounting bracket — Screw & Washer
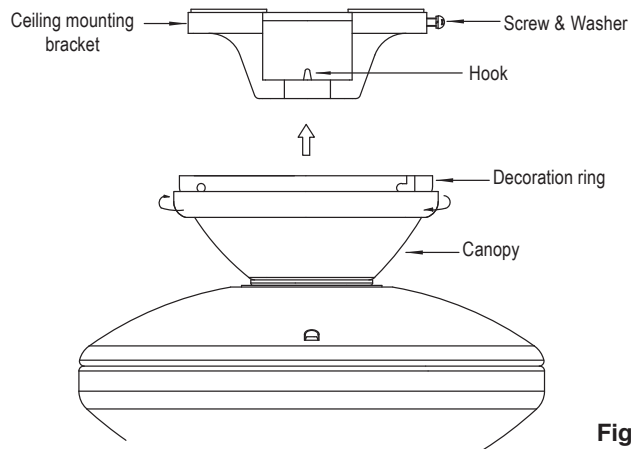
Hook

Decoration ring

Canopy

Fig. 14

ATTACHING THE FAN BLADES

CAUTION: Remove the rubber shipping blocks attached to the face of the motor. These blocks keep the motor from shifting during shipping and MUST be removed during installation.

Step 1. Attach the blade to the blade bracket using the screws and washers as shown in Figure 15. Start screw into bracket. Repeat for the two remaining screws.

Step 2. Make sure the blade is straight and tighten each screw.

Step 3. Fasten blade assembly to motor using "Pre-Installed" mounting screws in the blade bracket.
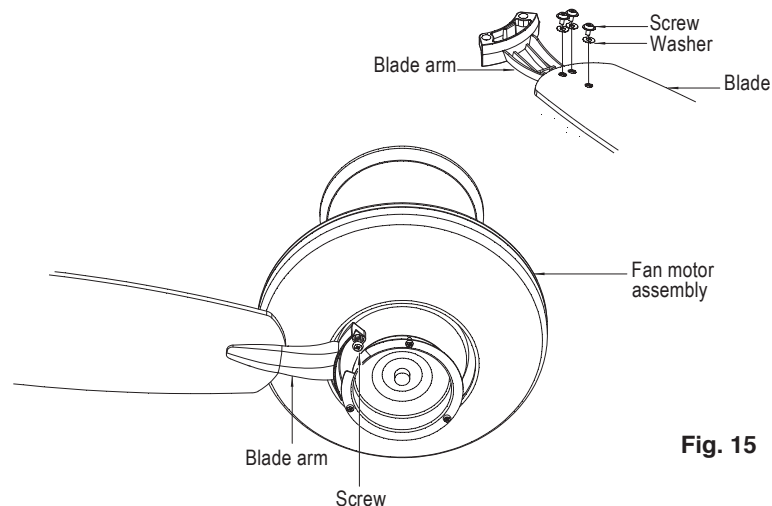

Fig. 15

INSTALLING THE LED LIGHT KIT

NOTE: Before starting installation, disconnect the power by turning off the circuit breaker or removing the fuse at the fuse box.

Step 1. Loosen the three mounting screws on the inside of the LED light kit. (Fig. 16)

Step 2. While holding the LED light kit under the fan motor, make the wire connections. (Fig. 16)

- Black to blue

- White to white

Step 3. Tuck the connections neatly into the light plate. Place the key holes on the LED light kit over the 2 screws previously loosened from the light plate, turn the LED light kit until it locks in place at the narrow section of the key holes. Secure by tightening all three screws. (Fig.16)
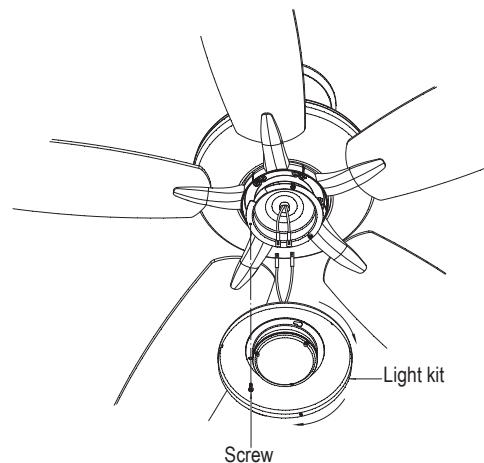

Fig. 16

INSTALLING THE GLASS SHADE

Step 1. Raise the glass shade against the light kit and turn clockwise until snug, DO NOT OVERTIGHTEN. (Fig. 17)
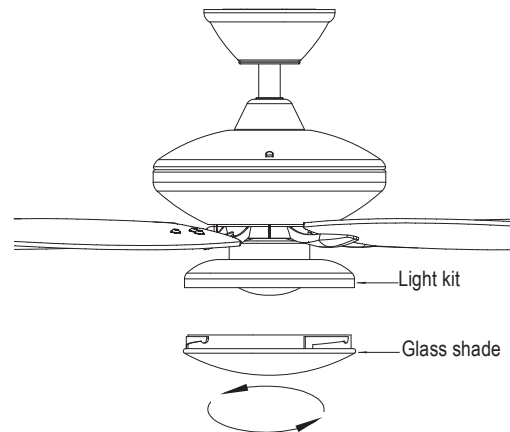
Light kit

Glass shade

Fig. 17

OPERATING INSTRUCTIONS

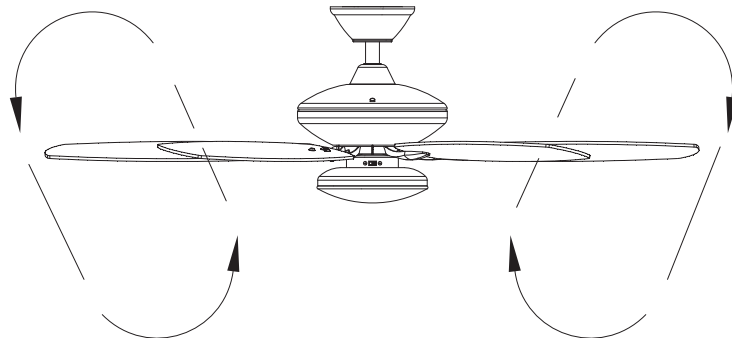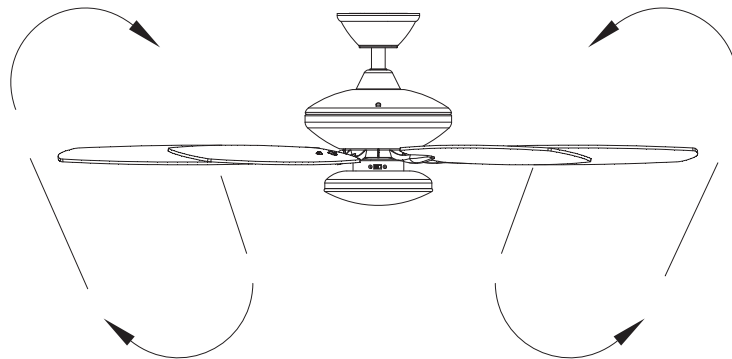Turn the power on and check the operation of your ceiling fan. The pull chain controls the fan speed as follows:

Step 1. 3-speed pull chain controls the fan speed as follows: 1 pull = High, 2 pulls = Medium, 3 pulls = Low, and 4 pulls = off.

NOTE: To set the fan blades in reverse, the reverse slide switch is located on the side of the switch housing.

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

Warm weather - Forward (counter clockwise) A downward airflow creates a cooling effect as shown in Fig. 16. 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. 17. This allows you to set your heating unit on a cooler setting without affecting your comfort.

TROUBLESHOOTING

Problem	Solution
Fan will not start.	1. Check circuit fuses or breakers. 2. Check all electrical connections to ensure proper contact. **CAUTION:** Make sure the main power is OFF when checking any electrical connection.
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 disappears 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. 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.
Fan wobbles.	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. 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.

FCC Warnning:

This equipment has been tested and found to comply with the limits for a Class B digital device, Pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:
•Reorient or relocate the receiving antenna.
•Increase the separation between the equipment and receiver.
•Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
•Consult the dealer or an experienced radio/TV technician for help.
Caution: Any changes or modifications to this device not explicitly approved by manufacturer could void your authority to operate this equipment.
This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions:
(1)This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

KICHLER®

KICHLER® LIGHTING
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CUSTOMER SERVICE 866.558.5706
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