Innes II ™

300130

A Kichler® Decor™ ceiling fan

Includes our new
CoolTouch™ Control System
Looks permanent, but goes wherever you go!
U.S. Patent Pending

Instruction Manual

KICHLER®

Kichler® Lighting
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Cleveland, Ohio 44131-8010

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KICHLER®

Intertek
3066708

KICHLER

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

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5. The outlet box and support structure must be securely mounted and capable of reliably supporting a minimum of 50 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 making the electrical connections, spliced conductors should be turned upward and pushed carefully up into outlet box. The wires should be spread apart with the ground wire and white (common) wire to one side with the black (load) wire to the other 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.

Special Notice
This appliance is equipped with a "Wattage Limiting Device" required by the United States Department of Energy. The device has been installed at the factory and can not be removed.

Installing Lamps in excess of 190 total watts will disable the unit's light fixture. If this should happen, you will need to reset the lighting fixture by turning the power off to the ceiling fan and/or light fixture, reinstalling lamps totaling less that 190 watts and then turning the power back on.
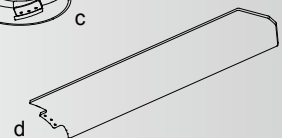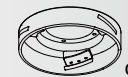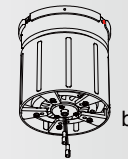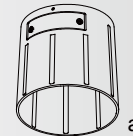
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2. TOOLS AND MATERIALS REQUIRED

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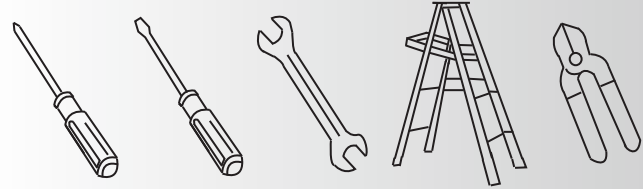
3. PACKAGE CONTENTS

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

a.   Top Housing
b.   Motor Body
c.   Flywheel
d.   Blade (3)
e.   Switch Housing
f.   Light Kit
g.   Halogen Bulb
h.   Glass Shade
i.   Steel Cap
j.   Cool Touch™ Control System
k.   Package hardware
    1) Mounting hardware:
       wood screws (2), flat washers (2),
       screws (2) , Spring washers (2),
       wire nuts (3)
    2) Blade attachment hardware:
       screws (11), fiber washers (11)
    3) Flywheel hardware:
       Screw (2)
    4) Safety cable hardware :
       Wood screw (1) , spring washer (1),
       flat washer (1)
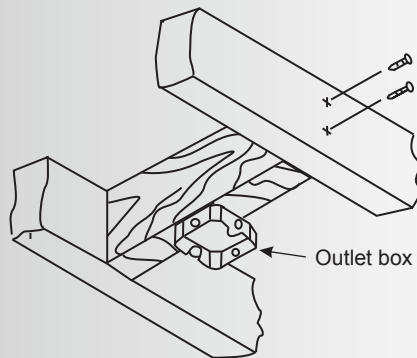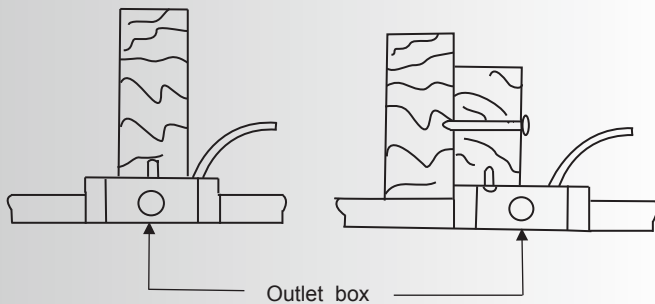   5) Balance kit
    6) Screw hardware:
       Screw (3)

Fig. 1

Outlet box

Outlet box

Fig. 2

ANGLED CEILING
MAXIMUM 30° ANGLE

Provide strong
support

Recessed
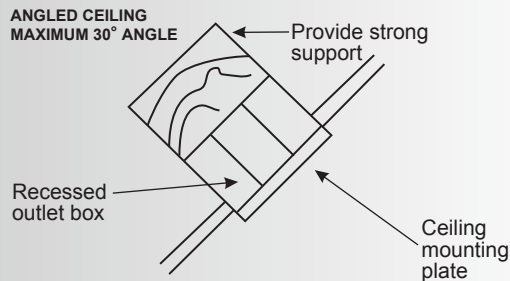outlet box
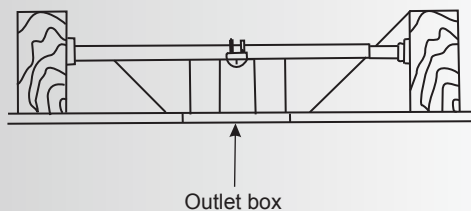
Ceiling
mounting
plate

Fig. 3

Outlet box

Fig. 4

4. MOUNTING OPTIONS

If there isn't an existing 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 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

REMEMBER to turn off the power before you begin installation. This is necessary for your safety and also the proper programming of the control system.

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

Step 1. Remove the screws from the round hole near the red dot label and Save them for use in future. Loose (do not remove) the screws in the mating slots on the motor body. Rotate the mounting bracket and remove from the canopy. (Fig. 5)
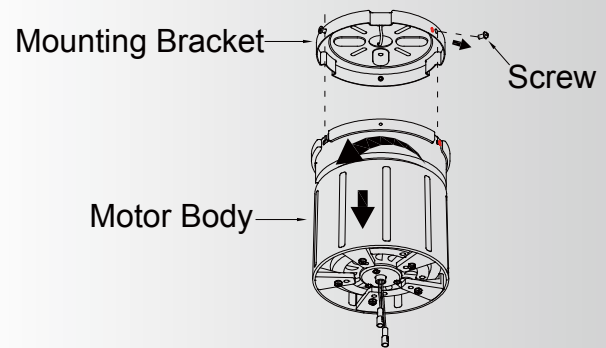
Mounting Bracket

Screw

Motor Body

Fig. 5

Step 2. Pass the 120 Volt supply wires from the ceiling outlet box through the center of the mounting bracket. Securely attach the ceiling bracket to the ceiling junction box as shown. (Fig. 6)
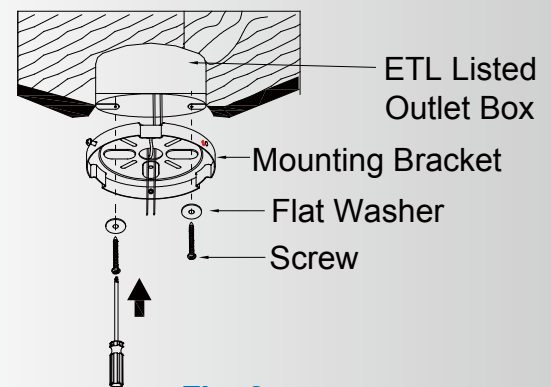
ETL Listed Outlet Box

Mounting Bracket

Flat Washer

Screw

Fig. 6

Step 3. Hook the motor body onto the mounting bracket as shown. You can now proceed with the electrical wiring of your fan. (Fig. 7)
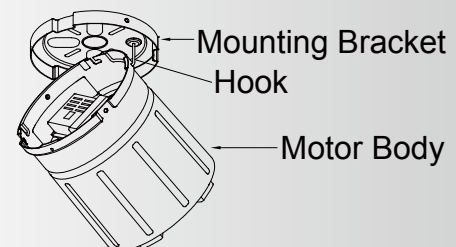
Mounting Bracket

Hook

Motor Body

Fig. 7

6. INSTALLATION THE SAFETY SUPPORT

Flat Washer
Wood Screw
Support Brace
Spring Washer
Ceiling
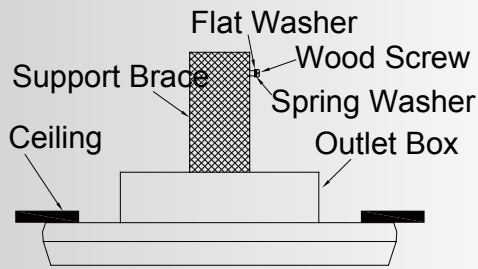Outlet Box
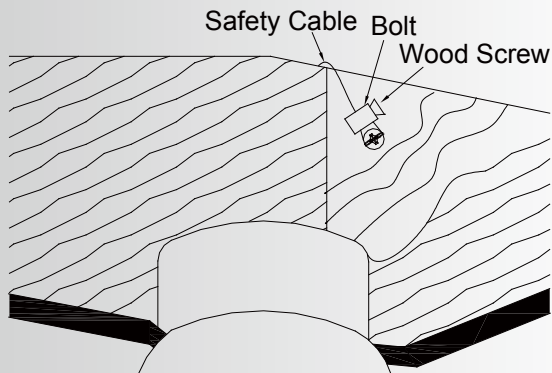
Fig. 8

Safety Cable   Bolt
Wood Screw

Fig. 9

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

Step 1. Drive a wood screw and washers into the side of the brace that holds the outlet box. Leave 3mm (1/8") of space between the support brace and the washer. (Fig. 8)

Step 2. Insert the safety cable through the mounting bracket and one of the holes in the outlet box into the ceiling. 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 lenght is correct, put the end of the cable back through the cabel 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 cabel over the wood screw and under the washer. Tighten the wood screw securely. (Fig. 9)

NOTE: Although the safety support cable is required for Canadian installations only. It's a good idea to make the attachment with any installation.
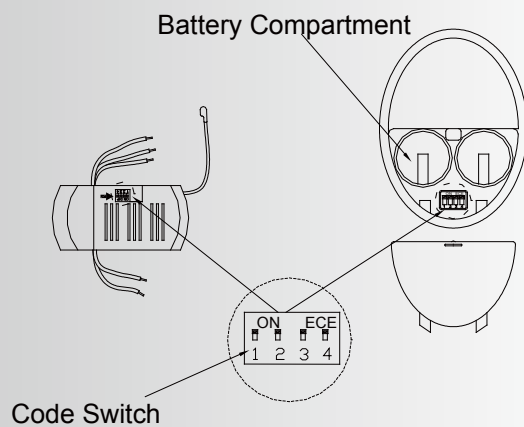
7. MAKE THE ELCTRIC CONNECTIONS

Battery Compartment

ON   ECE
1 2 3 4

Code Switch

Fig. 10

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

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 stands or connections.

WARNING: If your house wires are different colors than referenced in this manual, stop immediately. A professional electrician is recommended to determine proper wiring.

NOTE: The CoolTouch™ Control System 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 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 opposition. (Fig. 10) Chainging the orfer of switches on each switch block, changes the operational frequency.

Step 1. Motor to Receiver Electrical Connections: Connect the BLACK wire from the fan to BLACK wire marked "TO MOTOT L" from the receiver. Connect the WHITE wire from the fan to the WHITE wire marked "TO MOTOR N" from the receiver. Connect the BLUE wire from the fan to the BLUE wire marked "FOR LIGHT" from the receiver. Secure all the wire connections with the plastic wire nuts provided. (Fig. 11)

Step 2. Remote Receiver to Outlet Box 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 . (Fig. 11)

Step 3. 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 wire is on the other side. (Fig. 11)

NOTE: Carefully tuck the wire connections up into the outlet box.

NOTE: Fan must be installed at a maximum distance of 30 feet from the transmitting unit for proper signal transmission between the transmitting unit and the fan's receiving unit.
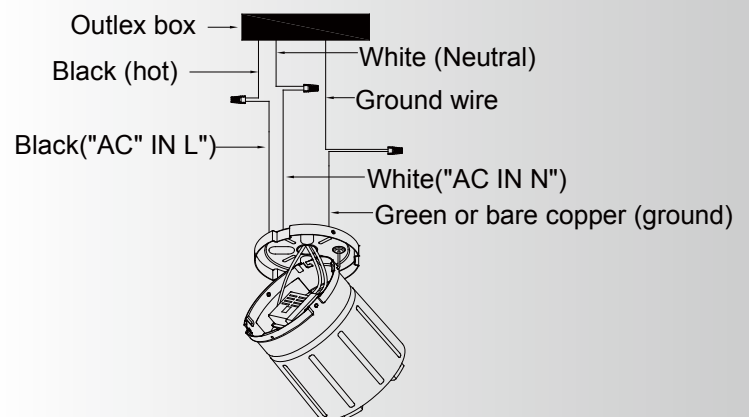
Outlex box
Black (hot)
Black("AC" IN L")
White (Neutral)
Ground wire
White("AC IN N")
Green or bare copper (ground)

Fig. 11

8 . FINISHING THE INSTALLATION

Step 1. Lift the motor body, allowing the two screws on the mounting bracket to slide into the mating slots. Rotate the motor body until both screws from the mounting bracket drop into the slot recesses. Replace the screw removed previously and securely tighten all three screws. (Figh. 12)
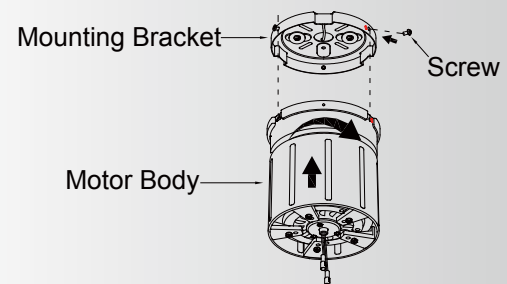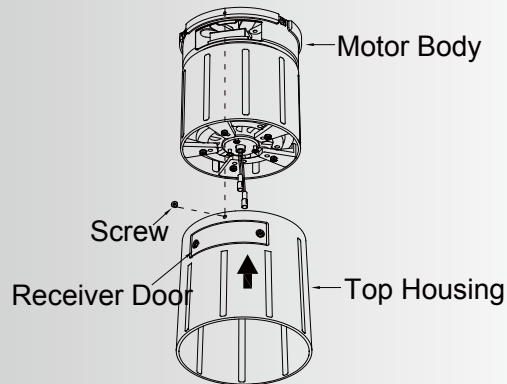
Mounting Bracket
Screw
Motor Body

Fig. 12

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Motor Body

Screw

Receiver Door

Top Housing

Fig. 13

Step 2. Assemble the top housing onto the motor body using the three screws provided in the hardware bag and securely tighten. (Fig. 13)

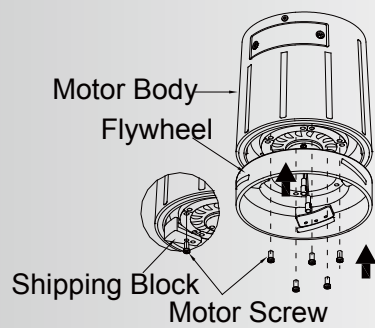**NOTE:** Please let the receiver door face up the notch on the motor body for receiver replacement.

Motor Body

Flywheel

Shipping Block

Motor Screw

Fig. 14

Step 3. Remove the shipping blocks from the motor body if they are present and save the motor screws for future use. Assemble the flywheel to the motor body using the removed (5) motor screws. (Fig. 14)
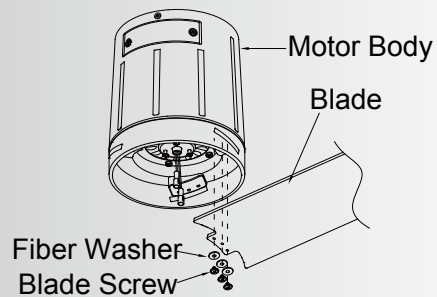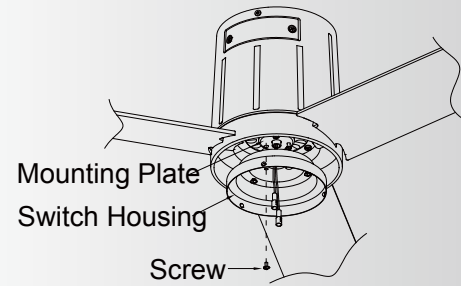
Motor Body

Blade

Fiber Washer

Blade Screw

Fig. 15

Step 4. Insert one blade through one of the slots on the side of flywheel. Align the blade holes with holes on blade bracket. Tighten the blade using blade screws and fiber washers supplied. Repeat the same steps until all blades are installed. (Fig. 15)

Step 5. Remove one of the three screws in the mounting plate. Slightly loosen the remaining two screws. Assemble the switch housing to the mounting plate using the two key slots. Replace the third screw and securely tighten all three screws. (Fig. 16)

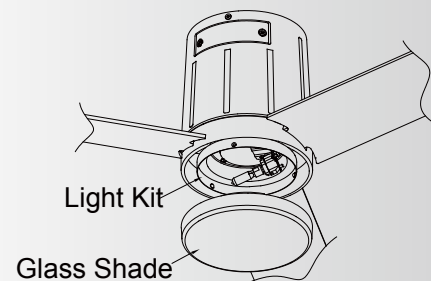Mounting Plate
Switch Housing
Screw

Fig. 16

Step 6. Connect the 2 single-pin connectors from the motor body to the 2 single-pin connectors from the light kit. Remove one of the three screws in the switch housing. Slightly loosen the remaining two screws. Assemble the light kit to the switch housing using the two key slots. Replace the third screw and securely tighten all three screws. (Fig. 17)

Switch Housing
Light Kit
Screw
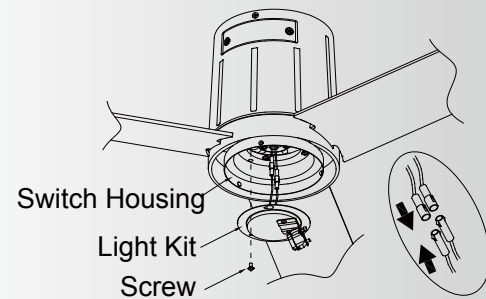
Fig. 17

Step 7. Do not install the halogen bulb to the socket if you want to install the steel cap. Assemble the steel cap to the light kit by twisting in a clockwise direction. Do not overtighten. (Fig. 18)
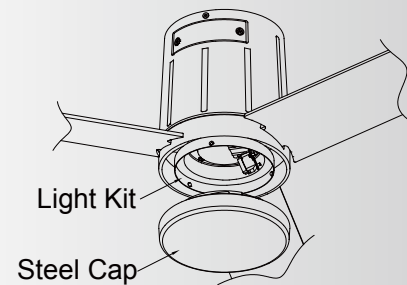
Light Kit
Steel Cap

Fig. 18

Step 8. Insert the halogen bulb to the socket. Assemble the glass shade to the light kit by twisting in a clockwise direction. Do not overtighten. (Fig. 19)
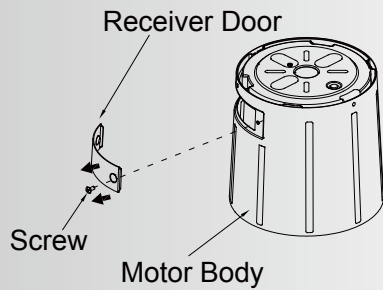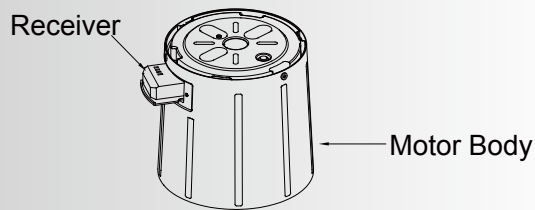
Light Kit
Glass Shade

Fig. 19

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Receiver Door

Screw

Motor Body

Fig. 20

Receiver

Motor Body

Fig. 21

Black (motor)   From Motor
White (Neutral)
Blue (For Light)

AC 120V

Black("AC" IN L")   White("AC IN N")
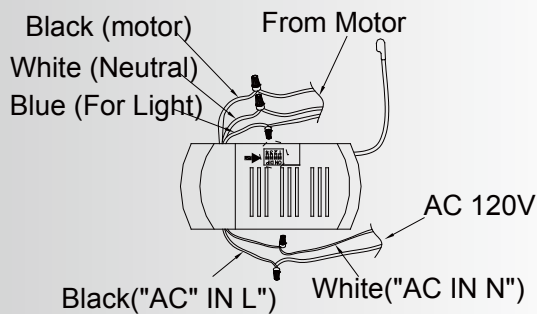
Fig. 22

Receiver Door
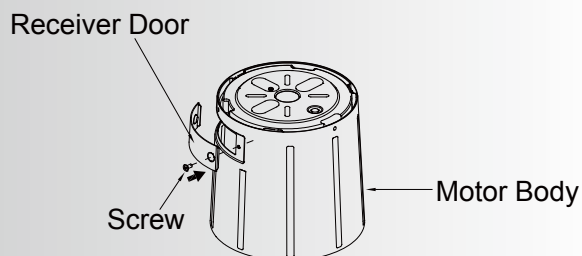
Motor Body

Screw

Fig. 23

9. HOW TO REPLACE THE RECEIVER

Step 1. Remove the two screws and receiver door in the motor body. Retain them for installatio step 4. (Fig. 20)

Step 2. Pull out the steel plate from the motor body and loosen the wire connectors of receiver. (Fig. 21)

Step 3. After replace the new receiver, then operate the setting process again, see page 5 " MAKE THE ELECTRIC CONNECTION". (Fig. 22)

Step 4. Re-install the reveiver door onto the motor body with the two screws removed in step 1.

10. INSTALLING THE COOLTOUCH™ CONTROL SYSTEM WALL PLATE

Select a location to install your CoolTouch™ Control System Transmitter. You can replace an existing wall switch, or install the transmitter on ANY flat surface.

Option 1: Install the control system using an existing wall switch outlet box. Make sure the electircal 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. 24)

Step 2. Install the metal plate and CoolTouch™ wall plate to the existing wall outlet box with 4 screws provided. Then place the two plastic plugs into the wall plate. (Fig. 25)

Option 2: Install the control system on ANY flat surface.

Select the desired location and use the CoolTouch™ wall plate to make the location for the mounting holes. Plastic wall anchors and screws are provided to this type of installation. After installing the wall anchors, attach the CoolTouch™ wall plate with the mounting screws and the n insert the plastic plugs to finish the installation.
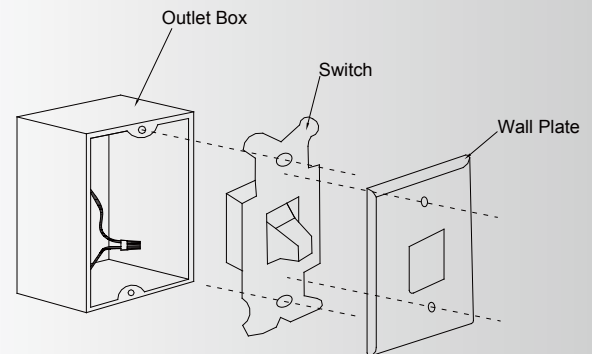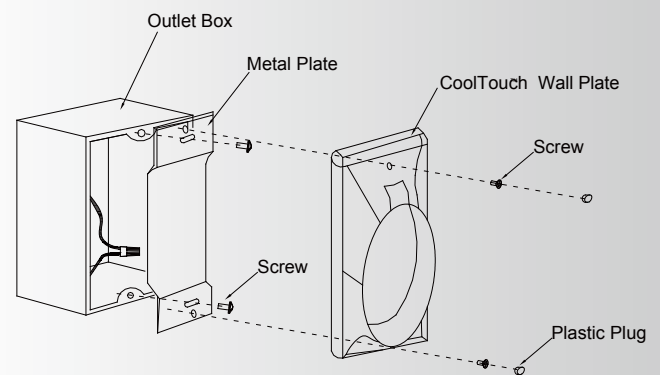
11. INSTALLING THE TRANSMITTER

Step 1. To place the transmitter in the wall plate , put the bottom end in first and then press the top into the wall plate. The transmitter is now held in the wall plate and will function from here . (Fig. 26)
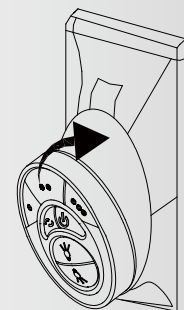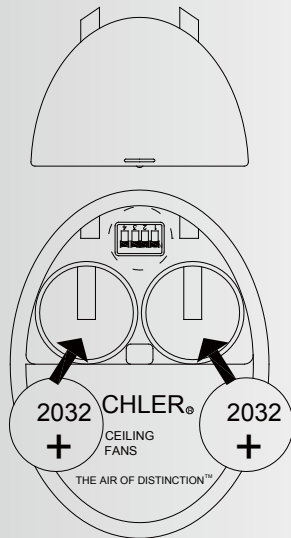
Outlet Box

Switch

Wall Plate

Fig. 24

Outlet Box

Metal Plate

CoolTouch Wall Plate

Screw

Screw

Plastic Plug

Fig. 25

Fig. 26

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Fig. 27

ON   ECE

1 2 3 4

Dip Switch

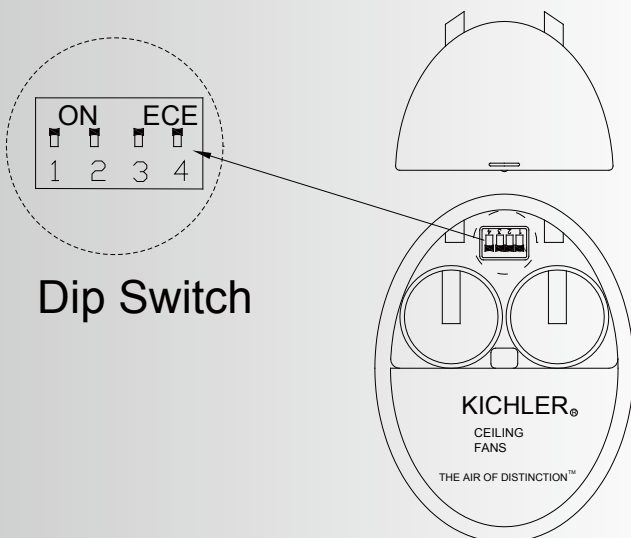KICHLER®
CEILING
FANS

THE AIR OF DISTINCTION™

Fig. 28

12. CONTROL SYSTEM SET-UP

NOTE: Make sure the power is completely disconnected before you begin this procedure.

Read all of these steps before preceeding. Each step must be followed exactly to properly program the control system.

Step 1. Install 2,3 volt # 2032 battery included with the CoolTouch TM Control system and make sure they are seated correctly in each recess with the Positive + Sign facing up. Replace the battery cover. . (Fig. 27)

Step 2. Test the transmitter by pushing and releasing ANY button. A Blue Light should illuminate, if not, check to make sure the batteries are inserted and seated correctly. (Fig. 27)

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

Step 3. You can leave the frequency switches at the factory setting or move them to any combination of up or down. Use a small flat bladed screwdriver to move the switches. (Fig. 28)

13. OPERATING INSTRUCTIONS:

Restore power to ceiling fan and test for proper operation.

Figure 29
1. Buttons ● , ●● , ●●● :
These three buttons are used to set the fan speed as follows:

● = Low Speed

●● = Medium Speed

●●● = High Speed

2. Buttons ⟿
The " ⟿ " button is used to set the fan in forward or reverse operation. Each time you press this button the fan blades will reverse direction. This button functions ONLY when the fan blades are in motion.
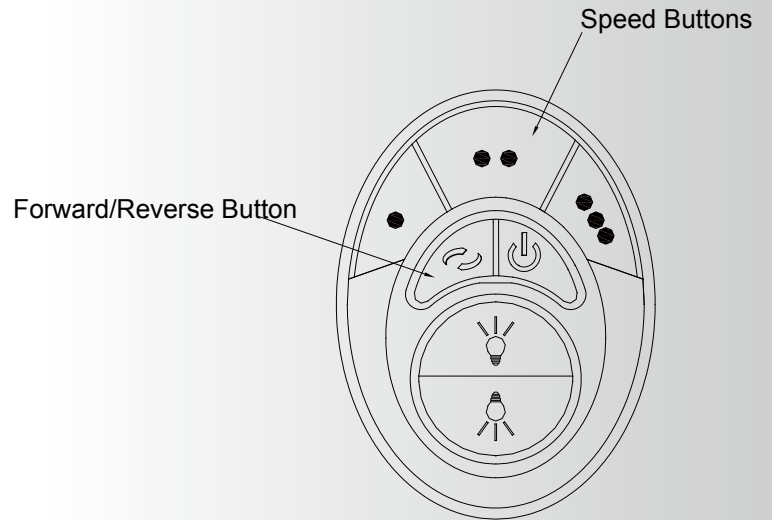
Figure 30
1. The " ⏻ " buttons:
This button turns the fan motor off and is also used in the program procedure.

2. The " 💡 " and " 💡 " button:
The " 💡 " button turns the upper light ON or Off and also controls the brightness setting on some models. The " 💡 " button turns the bottom light ON or OFF and also controls the brightness setting.
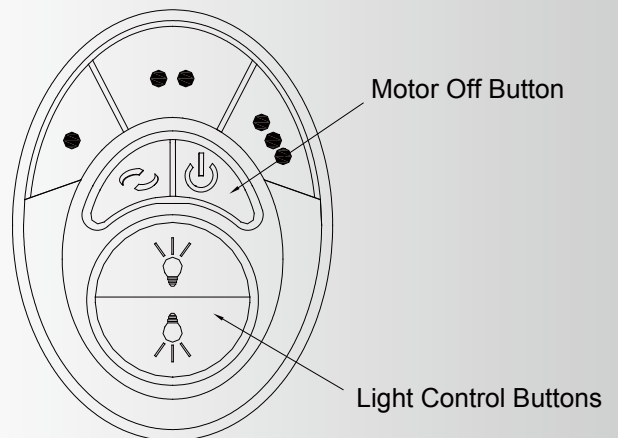
Press and hold either button to set the desired brightness level. The next time you turn the light on, the system will remember this setting.

Press and release either button to turn the light ON or OFF.

Speed Buttons

Forward/Reverse Button

Fig. 29

Motor Off Button

Light Control Buttons

Fig. 30

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

15. SPECIFICATIONS

Fan Size	Speed	Volts	Amps	Watts	RPM	CFM	CFM/W	N.W.	G.W.	C.F.
52" (No strip blade)	High	120	0.36	43.9	230	3975	91	7 kgs	8.2 kgs	1.5'
	Medium	120	0.27	23.7	170	2938	124			
	Low	120	0.09	2.7	49	847	314			
52" (strip blade)	High	120	0.36	43.9	225	3898	89			
	Medium	120	0.27	23.7	168	2911	123			
	Low	120	0.09	2.7	48	830	307			

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