Charles™

INSTALLATION INSTRUCTIONS

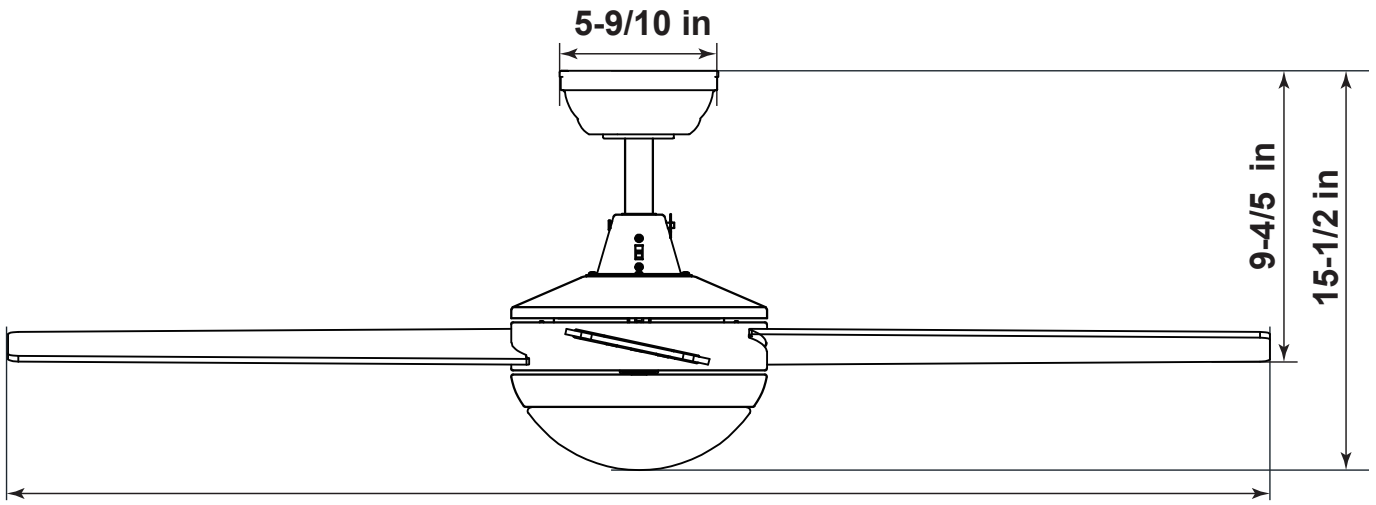
48-INCH INDOOR LED CEILING FAN

PRODUCT NAME: CH-48-18-30-MB-4P-MB-1D-PM-WC

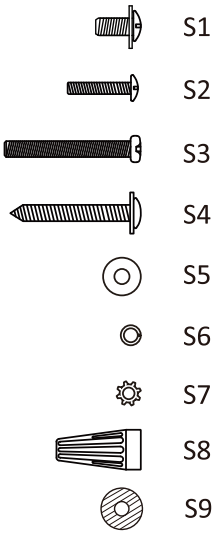


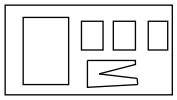
Please consult your electrician for hanging fixture and wiring.

Dimension Reference:



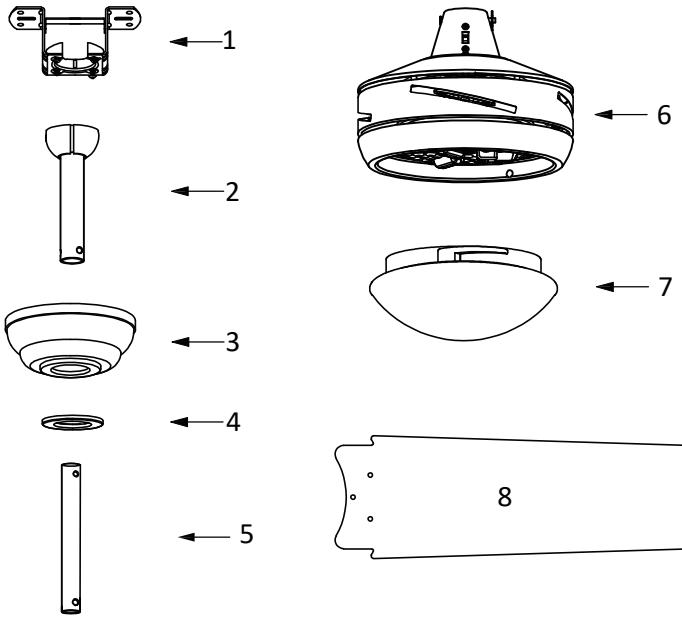
Hardware Package Included:





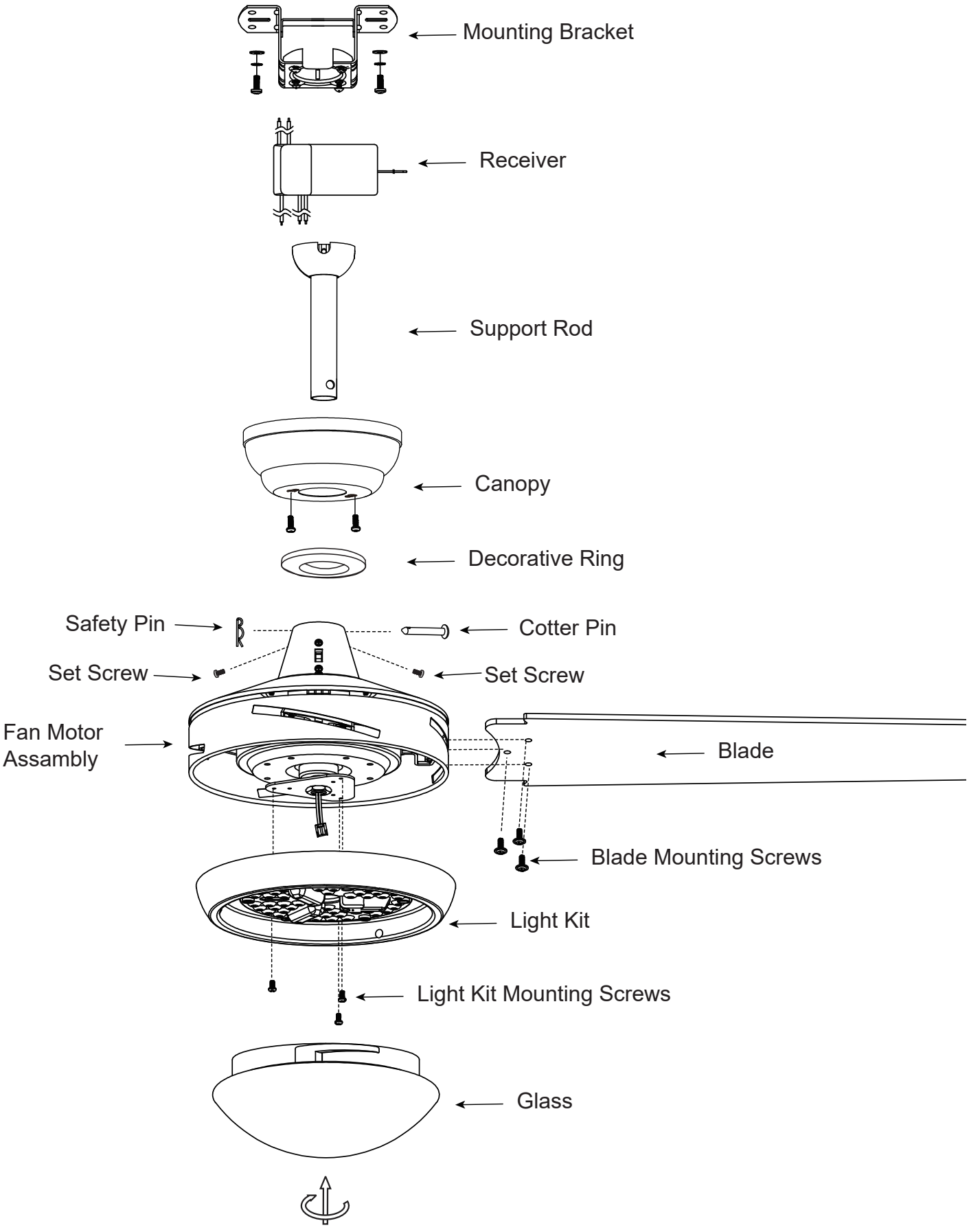
Hardware Package	Quantity
S1. Blade Screws & Washers	13
S2. Machine Screws	2
S3. Machine Screws	2
S4. Wood Screws	2
S5. Washers	2
S6. Lock Washers	2
S7. Star Washers	2
S8. Wire Nuts	3
S9. Paper Washers	13
S10. Balance Kit	1

Fan Parts Included:



	Quantity
1. Mounting Bracket	1
2. 5″ Support Rod	1
3. Canopy	1
4. Decorative Ring	1
5. 10″ Support Rod	1
6. Fan Motor Assambly	1
7. Glass	1
8. Fan Blade	4
9. Wall Control	1
10. Receiver	1

Exploded View:



Safety Instructions:

READ ALL SAFETY INFORMATION AND INSTALLATION INSTRUCTIONS BEFORE YOU BEGIN INSTALLING THE FAN. IF YOU ARE NOT FAMILIAR WITH NATIONAL AND LOCAL ELECTRICAL CODES AND BASIC ELECTRICAL WIRING PROCEDURES WE RECOMMEND THAT YOU HAVE A QUALIFIED ELECTRICIAN INSTALL YOUR NEW CEILING FAN. SAVE INSTRUCTIONS.

- To avoid the risk of electrical shock be sure to shut off power at the main fuse or circuit breaker box before installing or servicing this fixture.

- Make sure that all wiring conforms to national and local electrical codes. If you are in question obtain a copy of the codes and wire the fan accordingly. Never leave bare wire uncovered, use wire nuts to cap all connections. Plastic electrical tape is not recommended.

- Basic requirements for a ceiling fan installed with lights are 120V AC-60Hz on a grounded circuit with a 15 amp breaker or fuse. Make sure that your electrical system and choice of location meet these requirements.

- If the location where you plan to install your fan does not already have an electrical outlet, hire a licensed electrician to run the wiring and install an outlet box designed for ceiling fans or heavy fixtures. The outlet box should be able to support a minimum moving weight of 50 pounds and marked “Acceptable for Fan Support” *(Plastic outlet boxes are not recommended for ceiling fan installation).*

- If you plan to use an existing electrical location check to make sure that the outlet box is not PLASTIC, that it is securely attached and able to support at least 50 pounds of moving weight marked “Acceptable for Fan Support”. If you have any questions, outlet boxes and support systems for ceiling fans are available at most hardware and do-it-yourself centers. In most cases your URBAN33 dealer will have all the necessary products for the proper and safe installation of your ceiling fan.

- The location you choose should have a minimum clearance of 20 inches from any wall to the blade tip at any point in its rotation and a minimum of 7 feet from blade level to floor and 10 inches from the blades to the ceiling.

- This ceiling fan was not designed for installation in any location where it might be exposed to moisture or high humidity. Installation in this type of location could be UNSAFE, will most likely damage the fan and its finish...and will VOID YOUR WARRANTY.

- Every effort has been made to provide you with proper instructions for the safe installation of this ceiling fan. You could however, encounter situations or problems not covered in this manual. Should this occur, please refer to a do-it-yourself wiring handbook or hire a qualified electrician to install your fan.

- Lubrication of your new ceiling fan is not necessary. The ball bearings have been adequately charged with grease and permanently sealed at the factory so that, under normal conditions, further attention is not necessary.

- NOTE: The safeguards provided by these safety instructions and by any separate installation instructions are not meant to cover all possible conditions and situations that may occur. It must be understood that common sense, caution and care are factors which can not be built into this product. These factors must be supplied by the person(s) installing, caring for and operating fan.

Warning:

- To reduce the risk of fire, electrical shock, or personal injury, mount this fan to an outlet box marked “Acceptable for Fan Support of 22.7 kg (50 lbs)” or less and use Mounting Screws provided with the outlet box. CAUTION: Install the primary mounting means and use only the hardware provided with the fan.

- To reduce the risk of personal injury take care not to bend the blade brackets when installing the brackets, balancing the blades or cleaning the fan. Be careful not to insert foreign objects in between rotating fan blades.

- To reduce the risk of fire or electrial shock, do not use this fan with any solid-state speed control device.

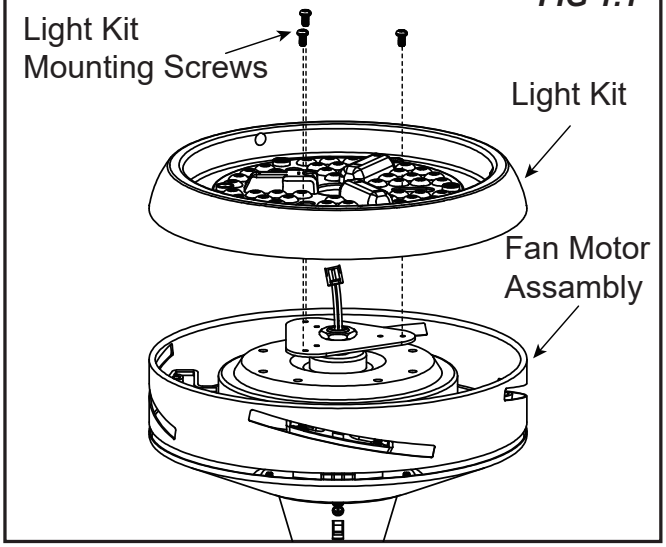
- The important safeguards and instructions appearing in this manual are not meant to cover all possible conditions and situations that may occur. It must be understood that common sense, caution and careful attention to detail are factors which cannot be built into this product. These factors must be supplied by the person or persons installing, caring for, and operating the unit.

Installation Instructions:

Step 1 Attaching The Fan Blades

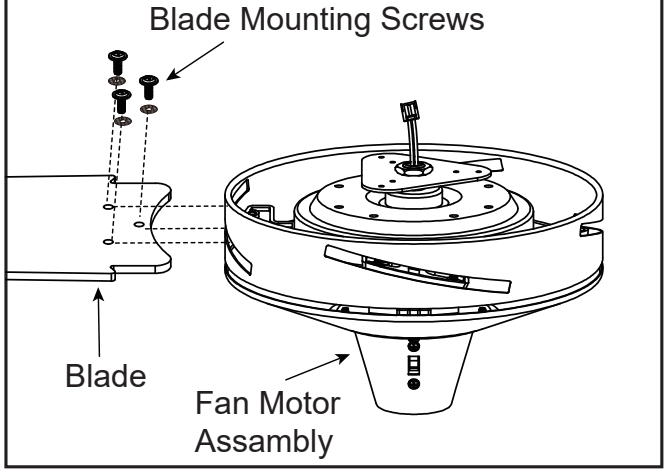
Remove three light kit mounting screws from fan motor assembly. Retain them for further use. (see ***figure 1.1***)
Remove the light kit from fan motor assembly.

FIG 1.1



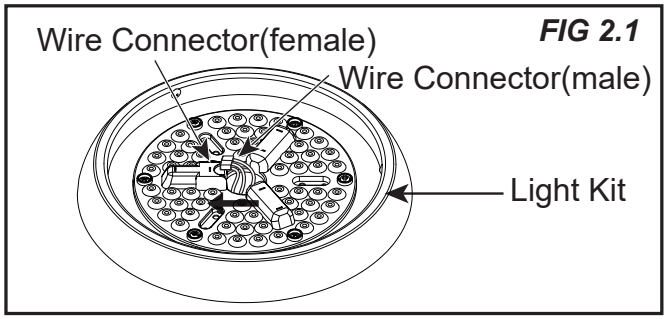
Attach each fan blade using 3 blade mounting screws and 3 paper washers. Repeat this process for the other blades. (see ***figure 1.2***)

FIG 1.2

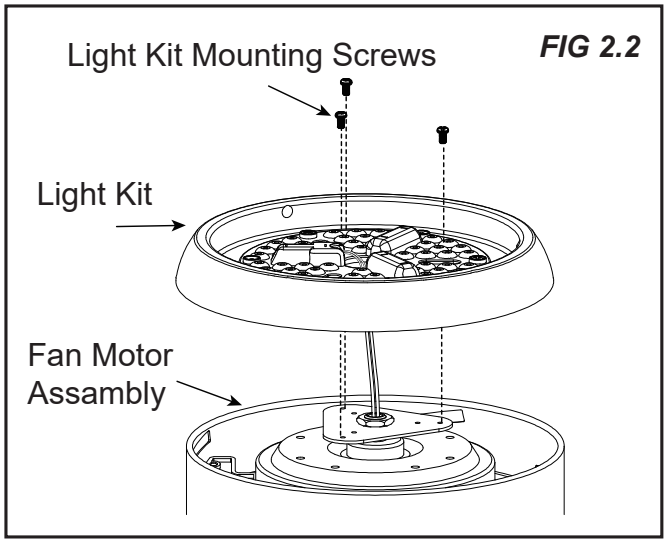


Step 2 Attaching The Light Kit

A wire connector (male) is located inside the electrical switch housing and a female connector extends from the LED. Push them together.(see ***figure 2.1***)



Attach the light kit to the fan motor assembly by using the light kit mounting screws.(see ***figure 2.2***)



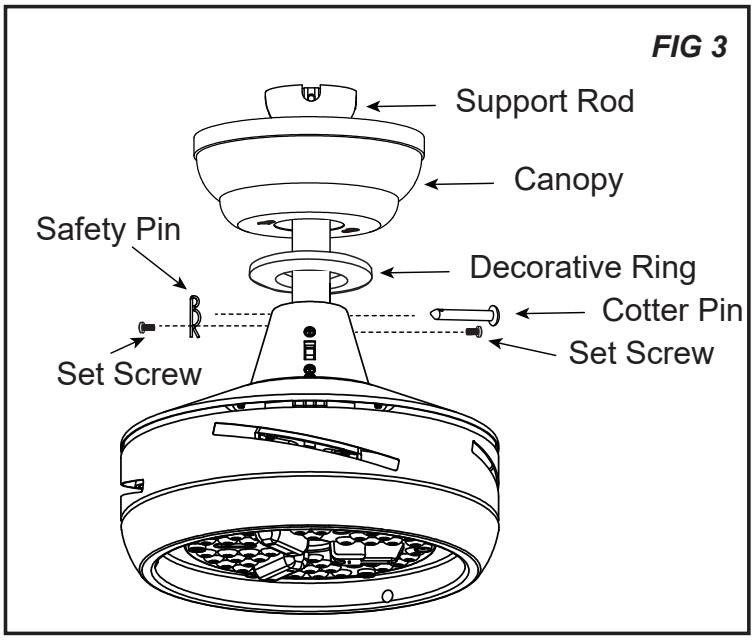
Step 3 Fan Assembly With Support Rod

Route wires exiting from the top of the fan motor through the canopy and then through the ball/downrod. (see ***figure 3***)

Align the holes at the bottom of the downrod with the holes in the collar on top of the motor housing.

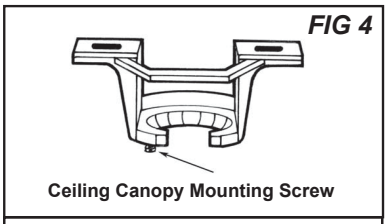
Carefully insert the hitch pin through the holes in the collar and downrod.

Be careful not to jam the pin against the wiring inside the downrod. Insert the safety pin through the hole near the end of the cotter pin until it snaps into its locked position.(see ***figure 3***)

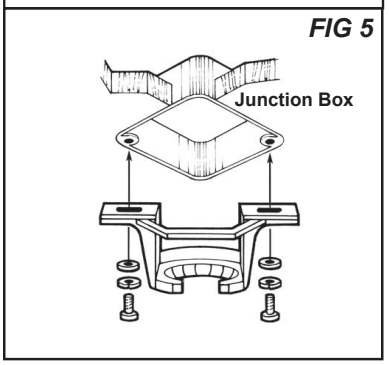


Step 4 Install Mounting Bracket

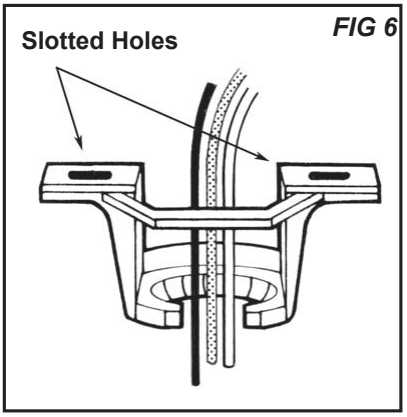
Loosen the two canopy mounting screws on the downside face of the mounting bracket. Back them out about half way. This will allow for easier installation of the ceiling canopy later (see ***figure 4***).



Install the mounting bracket onto the electrical junction box in the ceiling using two machine screws, two washers and two lock washers (see ***figure 5***).



The mounting bracket has slotted holes to enable it to move sideways for proper alignment. Make sure the mounting bracket is centered over the electrical junction box and that it is securely attached (see ***figure 6***).

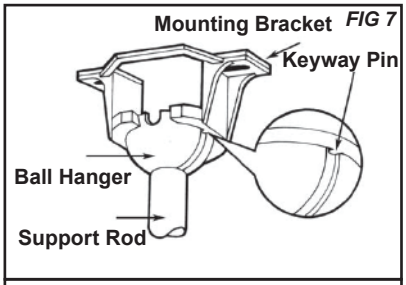


NO MOVEMENT SHOULD OCCUR BETWEEN THE MOUNTING BRACKET AND THE ELECTRICAL JUNCTION BOX.

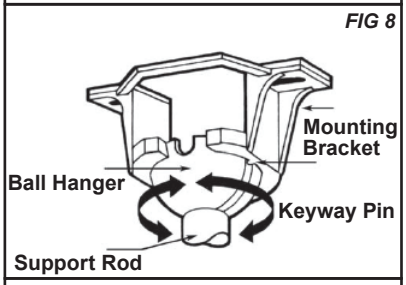
Pull the electrical wires in the junction box down and through the mounting bracket

Step 5 Hanging the Fan Body

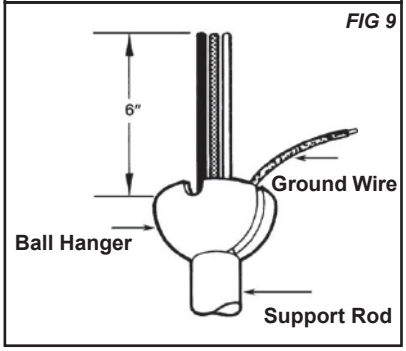
Notice the half ball on the end of the support rod is grooved down one side (see ***figure 7***). This Keyway fits over the small keyway pin on the inside of the mounting bracket and keeps the ceiling fan from spinning on the mounting bracket.



Using your step ladder, lift the fan and place the half ball in the center of the mounting bracket with the keyway pin inserted into the keyway on the ball. Turn the fan left and right slightly to make sure it is seated on the bracket with the keyway pin in the keyway (see ***figure 8***).



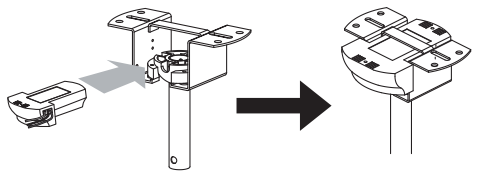
Trim the lead wires, leaving about six inches of each wire extending from the support rod (see ***figure 9***).



Step 6 Insert the receiver into the mounting bracket

Insert the receiver into the mounting bracket with the flat side of the receiver facing the ceiling(see ***figure 10***).
Motor to Receiver & Receiver to house supply wires.

FIG 10



Step 7 Making the electrical connections

WARNING: To avoid possible electrical shock, ensure the electricity is turned off at the circuit breaker or main fuse box before wiring.

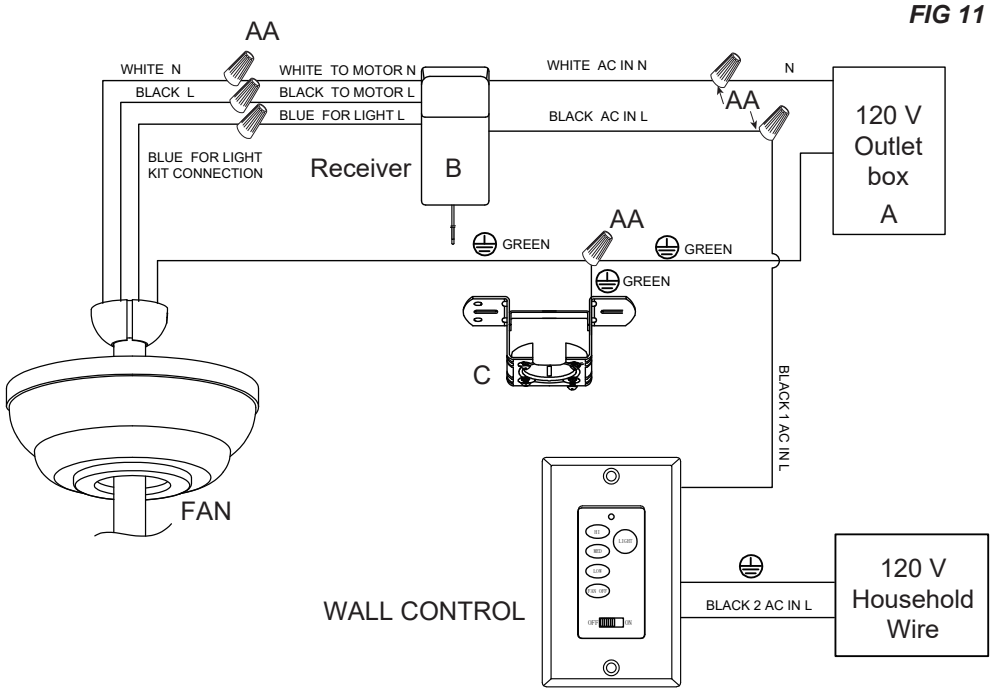
WARNING: Check to see that all connections are tight, including the ground, and that no bare wire is visible at the wire nuts, except for the ground wire.

Follow the steps below to connect the fan to your house supply wires. Secure the wire nuts (AA) supplied with your fan by wrapping the connections with electrical tape.

1. Motor to Receiver & Receiver to house supply wires *(see figure 11)*

☐ Connect the ground wire (green) from the hanger ball/downrod assembly and the ground wire (green) from the mounting bracket (C) to the ground wire (green) from the in outlet box(A).

FIG 11



WARNING: Failure to connect ground wires could result in poor fan control functionality.

☐ Connect the black (Live Wire) wire from the fan to the black wire marked “TO MOTOR L” from the receiver.

☐ Connect the white (Neutral Wire) wire from the fan to the white wire marked “TO MOTOR N” from the receiver.

☐ Connect the blue wire marked “FOR LIGHT KIT CONNECTION” from the fan to the blue wire marked “FOR LIGHT L” from the receiver.

WARNING: The wall control has two black wires marked “AC IN L”, either of which can be output and input.

☐ Connect the black wire 1 marked “AC IN L” from the wall control to the black wire marked “AC in L” from the receiver.

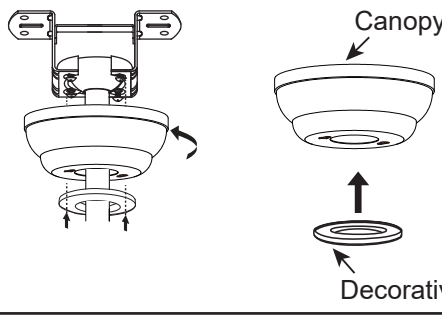
☐ Connect the black wire 2 marked “AC IN L” from the wall control to 120V Household Wire.

☐ Connect the ground wire (green) from the wall control to 120V Household Wire.

Step 8 Securing the fan motor assembly to the mounting bracket

Secure the ceiling canopy onto the mounting bracket using canopy mounting screws***(see figure 12)***.
Then Secure decorative ring onto the ceiling canopy.

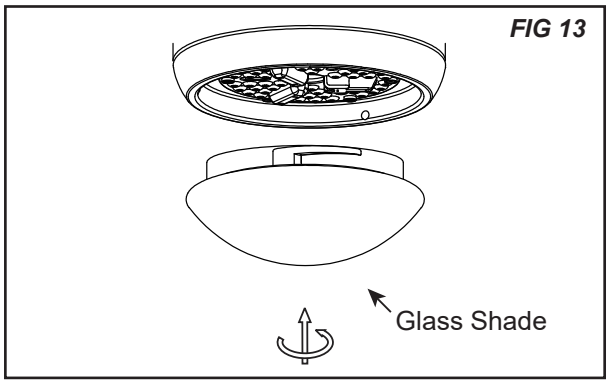
FIG 12



Step 9 Installing the Glass Shade

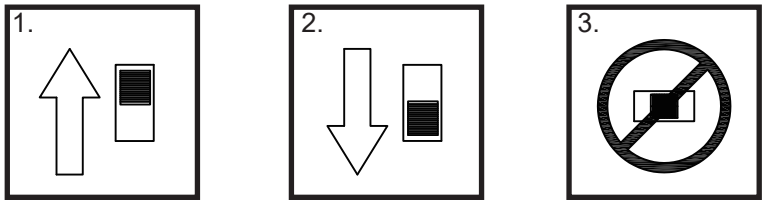
Turn clockwise to secure Glass Shade onto the light kit***(see figure 13)***.

FIG 13



Operation:

Turn fan completely off before moving the reverse switch. Set reverse switch to recirculate air depending on the season: UP position in summer (1), DOWN position in winter (2). IMPORTANT: If the reverse switch is set in the (3) middle position the fan will not operate.



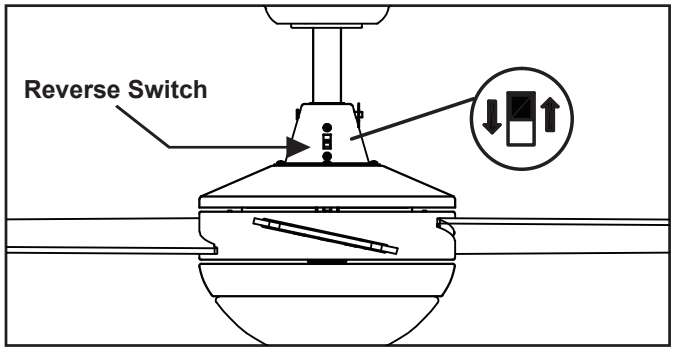
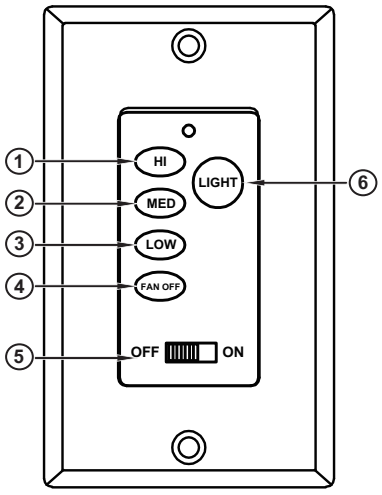


FIG 14

WALL CONTROL OPERATING INSTRUCTIONS

NOTE: Wall control will not operate effectively when you do not turn this switch ⑤ on ***(see figure 14)***.

- ☐ Pressing the buttons ①, ② or ③ to select the fan speed. You can choose High, Medium, and Low speed.
- ☐ Pressing the buttons ④ to turn the fan off.
- ☐ Pressing the button ⑥ toggles the light on and off in a short time. Pressing and holding the button ⑥ adjusts the light's brightness.



① **HIGH SPEED** ② **MEDIUM SPEED**
③ **LOW SPEED** ④ **FAN OFF**
⑤ **ON/OFF**
⑥ **LIGHT ON/OFF & LIGHT DIMMER**

Ceiling fan wall mounted remote control switch includes remote control transmitter and fan receiver, The transmitter have two dip (small sliding) switches. ***(see figure 15)***

1. Dip switch locate to " I "

☐ You can operate the ceiling fan by the remote control transmitter that comes with it.

☐ If you change to operate the fan up with another transmitter, or you want to use one transmitter to operate the several fans up within 10 meter when there is no obstacles such as wall / windows, ***Please follow the below steps to enter the learning mode:***

Slide "OFF/ON" Key (5) of the transmitter to "OFF" (5) to begin the learning process. Wait for at least 1 minute to slide the key of the transmitter to "ON" (5) Press and hold the button of "FAN OFF" (4) and "LIGHT" (6) at the same time for 5 seconds to enter the learning function. Once the receiver has detected the set frequency, The light fan will flash three times. ***(see figure 14 & figure 15)***

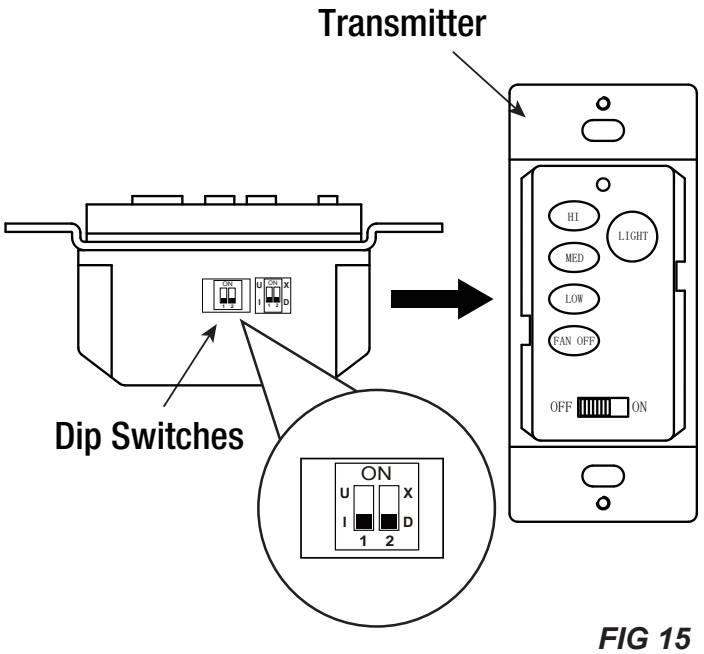


FIG 15

2. Dip switch locate to " U "

☐ You can operate different fan up with the same transmitter. If you only want one transmitter to operate for one ceiling fan, do not locate the DIP SWITCH to U.

3. Dip switch locate to " D "

☐ Fan light can be dimmable.

4. Dip switch locate to " X "

☐ Fan light can not be dimmable.

Maintenance:

Your fan requires very little maintenance. Cleaning of the housing should be done with a damp soft cloth (NO CLEANING AGENTS). On the blades, use a duster or dry cloth because any moisture could cause the blades to warp.

Conforms To D.O.E. EPACT Regulation
Limited Lifetime Warranty Applies To Fan Motor Only

Troubleshooting Guide:

If you have difficulty operating your new ceiling fan it may be the result of incorrect assembly, installation, or wiring. In some cases these installation errors may be mistaken for defects. If you experience any faults please check this troubleshooting guide.

Problem	Suggested Remedy:
1. If fan does not start:	1. Check main and branch circuit fuses or circuit breakers. 2. Check line wire connections to fan and switch wire connections in switch housing. CAUTION: Make sure main power is turned off. 3. Make sure forward/reverse switch is firmly in up or down position. Fan will not operate when switch is in the middle. 4. Make sure that the wall controller is turned "ON".

2. If fan sounds noisy:

1. Make sure all screws in motor housing are snug (not over tightened).
2. Make sure the screws which attach the fan blade holder to the motor are tight.
3. Make sure wire nut connectors in switch housing are not rattling against each other or against the interior wall of the switch housing.
   CAUTION: Make sure main power is turned off before entering switch housing.
4. If using an optional ceiling fan light kit check to be sure the screws securing the glass shade are tight. Check to be sure the light bulb is tight on the socket and not touching the glass shade.
5. Some fan motors are sensitive to signals from solid state variable speed controls. DO NOT USE a solid state variable speed control.
6. Your ceiling fan's "break in" period is 24 hours of operation. Most noises associated with a new fan will disappear after this period.

3. If fan wobbles:

All blades are weighed and grouped by weight. Natural woods vary in density which could cause the fan to wobble even though all blades are weight-matched. The following procedures should eliminate most of the wobble. Check for wobble after each step.

1. Check that all blades are screwed firmly into blade holders.
2. Check that all blade holders are tightened securely to motor.
3. Make sure that canopy and mounting bracket are tightened securely to ceiling junction box and junction box is mounted firmly to ceiling joist.
4. Most fan wobble 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 keeping measure within 1/8 in. Rotate the fan until the next blade is positioned for measurement. Repeat for each blade. If all blade levels are not equal you can adjust blade levels by the following procedure. To adjust a blade tip down insert a washer (not supplied) between the blade and blade holder at the screw closest to the motor. To adjust a blade tip up insert washer (not supplied) between the blade and blade holder at the two screws farthest from the motor.
5. If blade wobble is still noticeable interchanging two adjacent (side by side) blades can redistribute the weight and possibly result in smoother operation.

4. If light does not work:

1. Check blue wire from fan to make sure it is connected to hot wire from the house.
2. Check for loose or disconnected wires in fan switch housing.
3. Check for loose or disconnected wires in light kit.
4. Check for faulty light bulbs. CAUTION: Make sure main power is turned off before entering switch housing.
5. If the fan light shuts off shortly after being switched on it may be due to excessive current demand. Turn off power to the fan and replace the light bulbs with lower wattage bulbs. Turn on power to the fan using the pull chain, wall switch, or remote control (whichever is installed on the particular fan).