



READ THESE INSTRUCTIONS AND  
AND SAVE THEM FOR FUTURE USE



## Installation Guide

For Models:

AU52EB3L

AU52BNK3L

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**Intertek**  
4007498

APPROVED FOR USE  
IN DAMP LOCATIONS

net weight of fan: 13.5 lb (6.1 kg)

PRINTED IN CHINA

## SAFETY TIPS.

**WARNING:** To reduce the risk of electrical shock, turn off the electricity to the fan at the main fuse box or circuit panel before you begin the fan installation or before servicing the fan or installing accessories.

1. **READ ALL INSTRUCTIONS AND SAFETY INFORMATION CAREFULLY BEFORE INSTALLING YOUR FAN AND SAVE THESE INSTRUCTIONS.**

**CAUTION:** To avoid personal injury, the use of gloves may be necessary while handling fan parts with sharp edges.

2. Make sure all electrical connections comply with Local Codes or Ordinances, the National Electrical Code, and ANSI/NFPA 70-1999. If you are unfamiliar with electrical wiring or if the house/building wires are different colors than those referred to in the instructions, please use a qualified electrician.
3. Make sure you have a location selected for your fan that allows clear space for the blades to rotate, and at least seven (7) feet (2.13 meters) of clearance between the floor and the fan blade tips. The fan should be mounted so that the tips of the blades are at least thirty (30) inches (76 centimeters) from walls or other upright structures.
4. The outlet box and ceiling support joist used must be securely mounted, and capable of supporting at least 35 pounds (16 kilograms). The outlet box must be supported directly by the building structure. Use only ETL or UL listed outlet boxes marked "FOR FAN SUPPORT."

**WARNING:** To reduce the risk of fire, electrical shock, or personal injury, mount to the outlet box marked "Acceptable for Fan Support of 15.9 kg (35 lb) or less," and use the mounting screws provided with 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, electrical shock, or personal injury, wire connectors provided with this fan are designed to accept only one 12 gauge house wire and two lead wires from the fan. If your house wire is larger than 12 gauge or there is more than one house wire to connect to the corresponding fan lead wires, consult an electrician for the proper size wire connectors to use.

5. Electrical diagrams are for reference only.
6. After installation is complete, check that all connections are absolutely secure.
7. After making electrical connections, spliced conductors should be turned upward and pushed carefully up into the outlet box. The wires should be spread apart with the grounded conductor and the equipment-grounding conductor on opposite sides of the outlet box.

**WARNING:** To reduce the risk of fire or electrical shock, do not use this fan with any solid state speed control device or control fan speed with a full range dimmer switch. [Using a full range dimmer switch to control fan speed will cause a loud humming noise from fan.] (**Note:** This fan is suitable for use with remote controls approved for DAMP locations.)

8. Do not operate the reverse switch until the fan has come to a complete stop.
9. Do not insert anything between the fan blades while they are rotating.

**WARNING:** To reduce the risk of personal injury, do not bend the blade arms during assembly or after installation. Do not insert objects into the path of the blades.

**WARNING:** 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 detergents when cleaning the fan or fan blades. A dry dust cloth or lightly dampened cloth will be suitable for most cleaning.

**WARNING:** To reduce the risk of personal injury, use **only** parts provided with this fan. **The use of parts OTHER than those provided with this fan will void the warranty.**

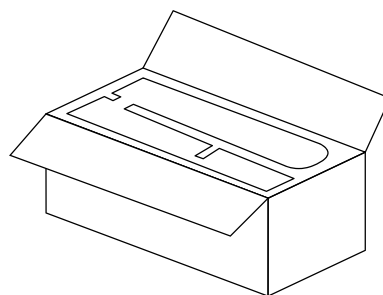
11. Light kit is dimmable to 10% with select dimmers.

**NOTE:** The important safety precautions and instructions appearing in the manual are not meant to cover all possible conditions and situations that may occur. It must be understood that common sense and caution are necessary factors in the installation and operation of this fan.

# 1. Unpacking Your Fan.

Carefully open the packaging. Remove items from Styrofoam inserts. Remove motor housing and place on carpet or Styrofoam to avoid damage to finish. Do not discard fan carton or Styrofoam inserts should this fan need to be returned for repairs.

Check against parts inventory that all parts have been included.



## 2. Parts Inventory.

**a. canopy. 1 piece**

**b. hanging bracket .1 piece**

**c. downrod and hanging ball (with pin and clip).  
1 piece**

**d. motor housing. 1 piece**

**e. yoke cover. 1 piece**

**f. fitter plate. 1 piece**

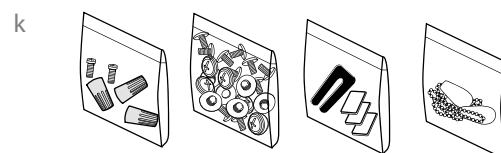
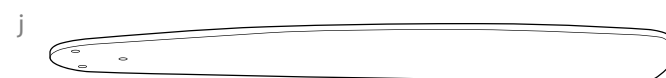
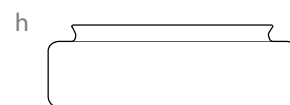
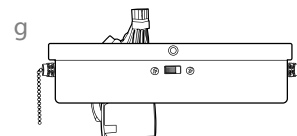
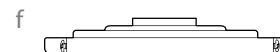
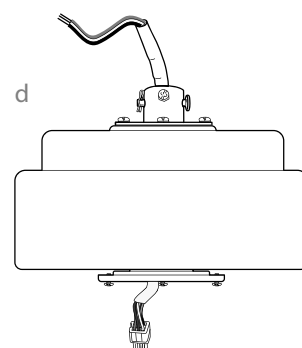
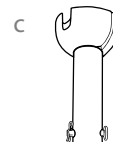
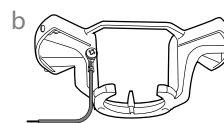
**g. light kit fitter. 1 piece**

**h. glass shade. 1 piece**

**i. blade arm. 3 pieces**

**j. blade. 3 pieces**

**k. hardware packs**



**! IMPORTANT REMINDER:** You must use the parts provided with this fan for proper installation and safety. **!**

**bulb required:**

1 x 6.5 watt medium base LED bulb  
(included)



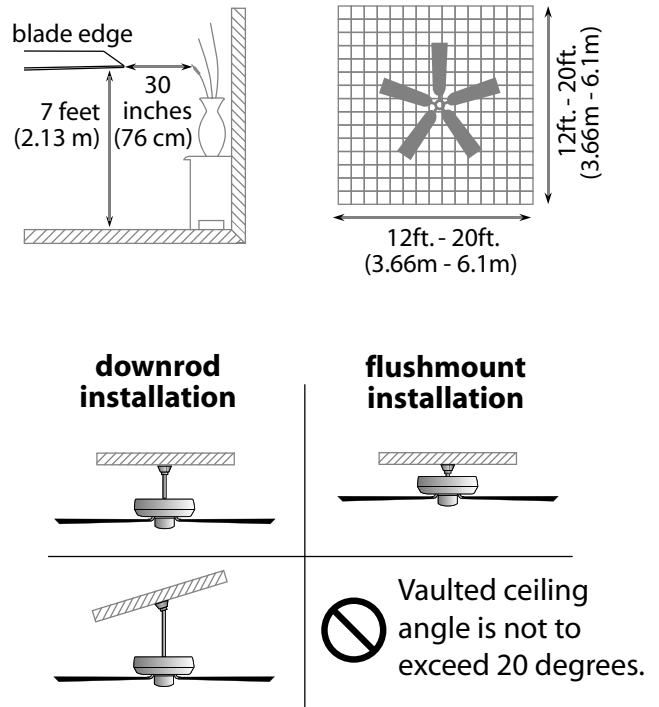
### 3. Installation Preparation.

To prevent personal injury and damage, ensure that the hanging location allows the blades a clearance of 7 feet (2.13m) from the floor and 30in. (76cm) from any wall or obstruction. This fan is suitable for room sizes up to 400 square feet (37.2 square meters).

This fan can be mounted with a **downrod** on a regular (no-slope) or vaulted ceiling. The hanging length can be extended by purchasing a longer downrod (0.5in./1.27cm diameter). After installing hanging bracket, continue to Section 5 on page 4 for those instructions. This fan can also be mounted as a **flushmount** on a regular (no-slope) ceiling. After installing hanging bracket, continue to Section 6 on page 5 for those instructions.

#### Installation requires these tools:

Phillips screwdriver, flathead screwdriver, adjustable pliers or wrench, stepladder, wire cutters, and rated electrical tape.



### 4. Hanging Bracket Installation.

Turn off circuit breakers to current fixture from breaker panel and be sure operating light switch is turned to the OFF position.

**WARNING:** Failure to disconnect power supply prior to installation may result in serious injury.

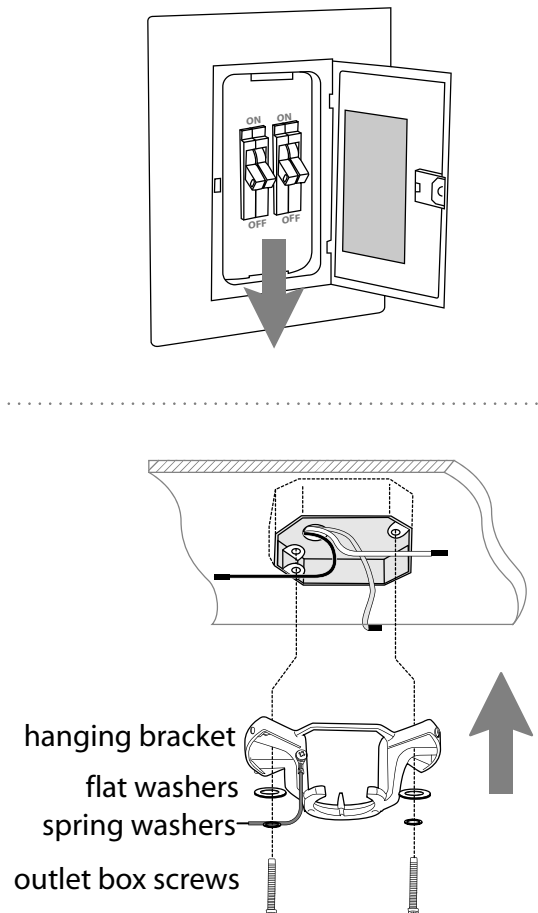
Remove existing fixture.

**WARNING:** When using an existing outlet box, be sure the outlet box is securely attached to the building structure and can support the full weight of the fan. Ensure outlet box is clearly marked "Suitable for Fan Support." If not, it must be replaced with an approved outlet box. Failure to do so can result in serious injury.

**CAUTION:** Be sure outlet box is properly grounded and that a ground wire (**GREEN** or bare) is present.

Install hanging bracket to outlet box using original screws, spring washers and flat washers provided with new or original outlet box.\* If installing on a vaulted ceiling, face opening of hanging bracket towards high point of ceiling. Arrange electrical wiring around the back of the hanging bracket and away from the bracket opening.

**\*Note:** It is very important that you use the proper hardware when installing the hanging bracket as this will support the fan.



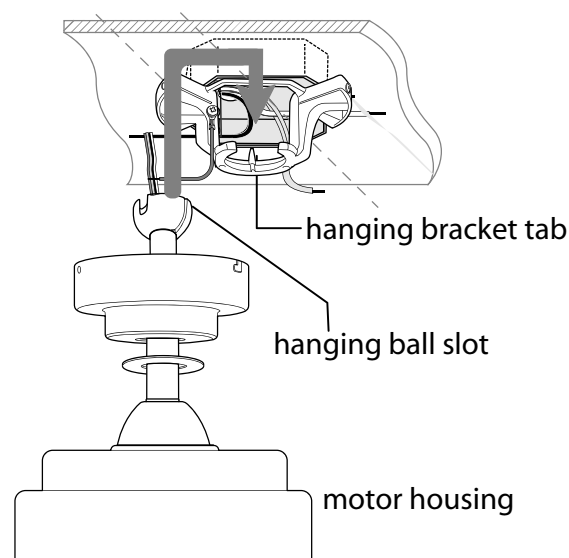


## 5. Fan Assembly. (cont.)

With the hanging bracket secured to the outlet box and able to support the fan you are now ready to hang your fan. Grab the fan firmly with two hands. Slide downrod through opening in hanging bracket and let hanging ball rest on the hanging bracket. Turn the hanging ball slot until it lines up with the hanging bracket tab.

**WARNING:** Failure to align slot in hanging ball with tab in hanging bracket may result in serious injury or death.

**Tip:** Seek the help of another person to hold the stepladder in place and to lift the fan up to you once you are set on the ladder.



## 6. Fan Assembly (flushmount).

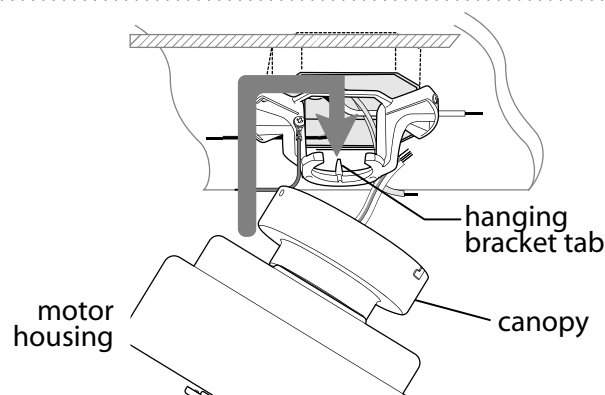
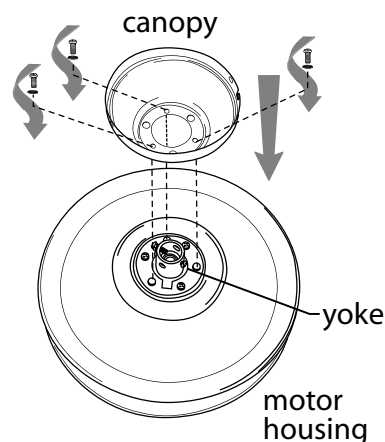
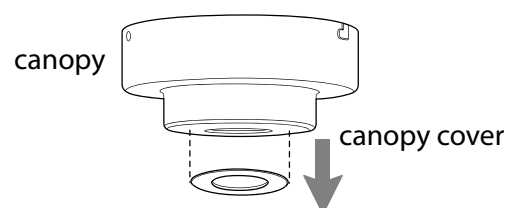
Remove and set aside canopy cover to reveal 6 holes. Notice that 3 of these holes are larger.

**Note:** Yoke cover will *not* be used with this type of installation.

There are **6** screws in top of motor housing, remove every other screw and lock washer.

Thread wiring through canopy. Place canopy over yoke, aligning larger holes in canopy with the 3 existing screws in top of motor housing. Insert the 3 screws and 3 lock washers that were removed into the remaining holes. Securely tighten these screws.

To prepare the fan for wiring, hang fan onto hanging bracket by sliding the canopy over the hanging bracket tab. (Use one of the non-slotted holes on the rim of the canopy to do so.)



## 7. Wiring.

**WARNING:** Turn off circuit breakers to current fixture from breaker panel and be sure switch is turned to the OFF position.

**CAUTION:** Be sure outlet box is properly grounded and that a ground (**GREEN** or Bare) wire is present.

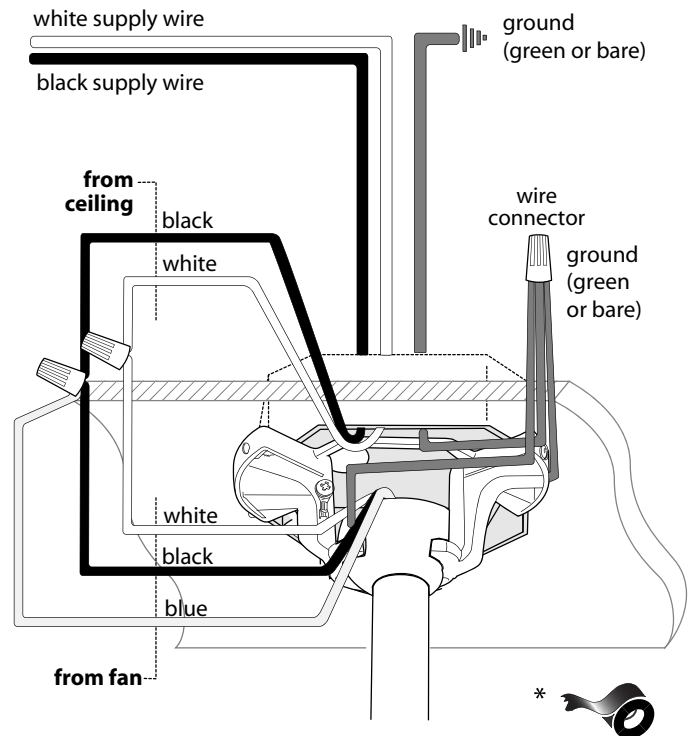
Make sure all electrical connections comply with Local Codes or Ordinances and the National Electrical Code. If you are unfamiliar with electrical wiring or if the house/building wires are different colors than those referred to in the instructions, please use a qualified electrician.

**Note:** Excess lead wire length from the fan can be cut to the desired length and then stripped.

When downrod is secured in place on the hanging bracket, electrical wiring can be made as follows: Connect **BLACK** and **BLUE** wire from fan to **BLACK** wire from ceiling with wire connector provided. Connect **WHITE** wire from fan to **WHITE** wire from ceiling with wire connector provided. Connect all **GROUND (GREEN)** wires together from fan to **BARE/GREEN** wire from ceiling with wire connector provided.

If you intend to control the fan light with a separate light switch, connect **BLUE** wire from fan to the **BLACK** (or **RED**) supply from the independent switch.

\* Wrap each wire connector separately with electrical tape as an extra safety measure.

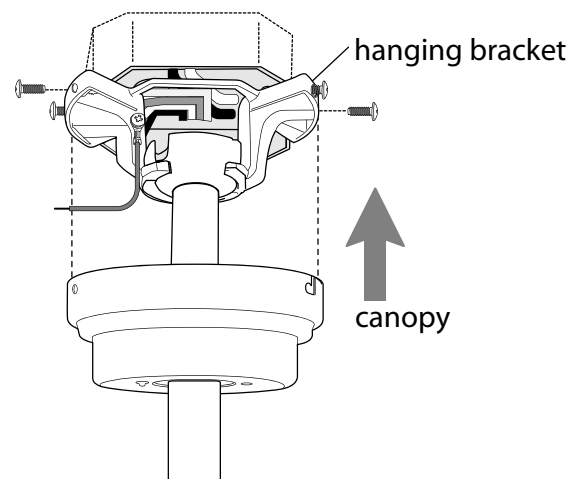


This fan is remote control adaptable (remote control sold separately). **Note:** Only remote controls approved for DAMP locations can be used with this fan.

## 8. Canopy Assembly.

Temporarily raise canopy to hanging bracket to determine which 2 screws in hanging bracket align with *slotted* holes in canopy, and then lower canopy and *partially loosen* these 2 screws. Remove the **other** 2 screws/lock washers and set aside.

Now, lift canopy to hanging bracket again, aligning slotted holes in the canopy with loosened screws in hanging bracket. Twist canopy to lock. Re-insert the other 2 screws/washers and secure all screws with a Phillips screwdriver.





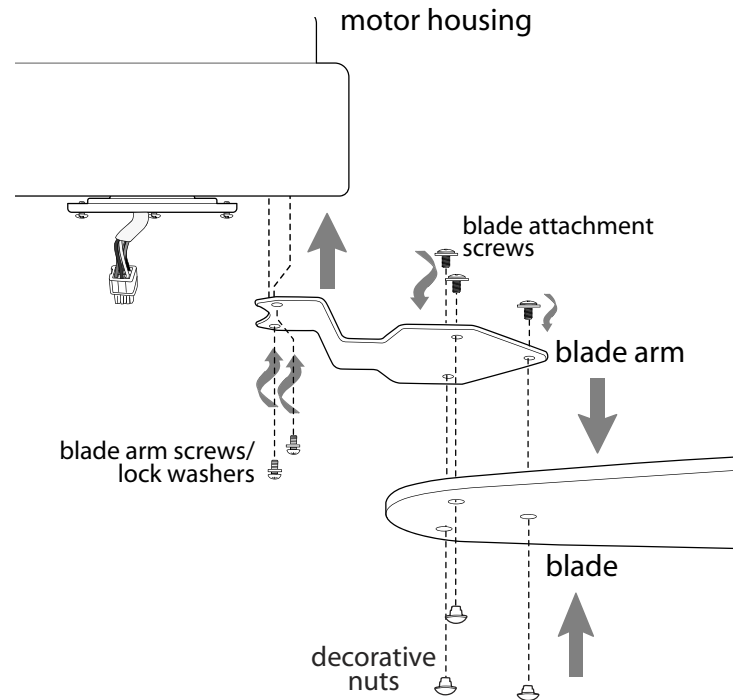
## 9. Blade Assembly.

**WARNING:** To reduce the risk of serious bodily injury, DO NOT use power tools to assemble the blades. If overtightened, blades may crack and break.

Locate 9 blade attachment screws and 9 decorative nuts in one of the hardware packs. Place blade arm on *TOPSIDE* of blade, aligning holes in blade arm with holes in blade as shown. Insert 3 decorative nuts into holes in blade from *UNDERSIDE* of blade (*i.e., the side that will face the floor*), making sure to **completely insert** each decorative nut so that the blade arm can be attached correctly. Insert 3 blade attachment screws from *TOPSIDE* of blade with fingers first and then tighten screws securely with a Phillips screwdriver. Repeat procedure for remaining blades.

Remove blade arm screws and lock washers from underside of motor. Align blade arm holes with motor screw holes and attach blade arm with lock washers and blade arm screws. Before securing screws permanently, repeat this procedure with remaining blade arms. Secure all screws.

**Note:** Tighten blade arm screws twice a year.



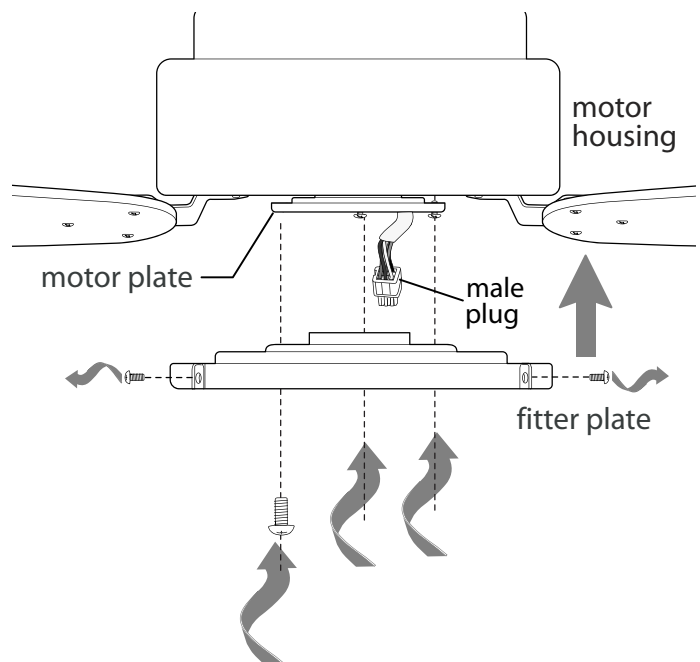
## 10. Light Kit Assembly.

Remove 3 screws from outer edge of fitter plate (*save screws for later use*).

Remove 1 screw from motor plate on underside of motor housing and partially loosen the other 2 screws.

Align slotted holes in middle of fitter plate with loosened screws in motor plate, allowing male plug from motor plate to come through center hole in fitter plate. Twist fitter plate to lock. Re-insert screw that was previously removed and securely tighten all 3 screws with a Phillips screwdriver.

**["Light Kit Assembly" continued on next page.]**





## 10. Light Kit Assembly. (cont.)

Connect male plug from motor housing to female plug from light kit fitter, matching up the colors on the male plug with the colors on the female plug for correct fit. Be sure that the plugs connect completely.

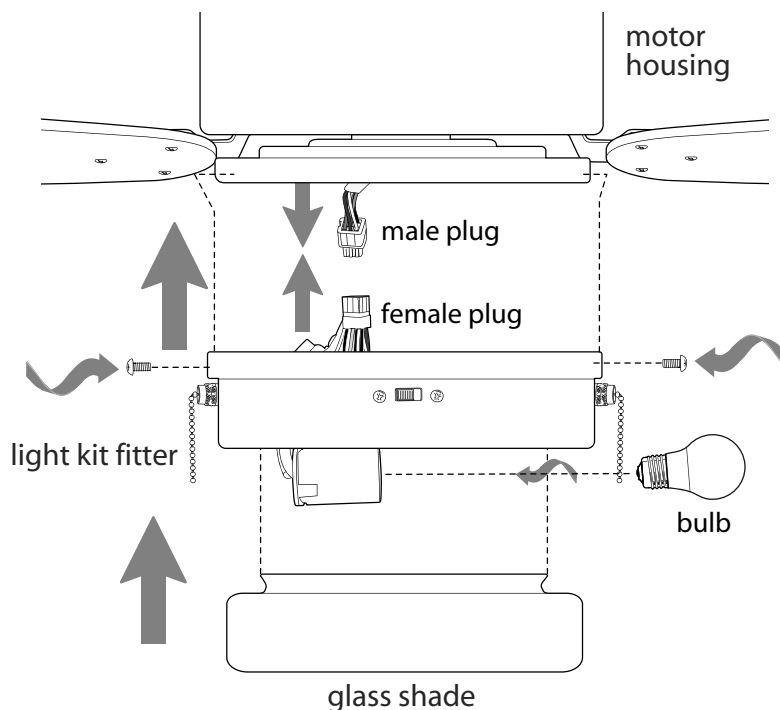
Align holes in fitter plate with holes in light kit fitter. Re-insert screws that were previously removed and securely tighten all 3 screws with a Phillips screwdriver.

Install one 6.5 watt medium base LED bulb (included).

**IMPORTANT:** When replacing bulb, please allow bulb and glass shade to cool down before touching.

Locate clips inside of light kit fitter and place edge of glass shade into clips.

**Note:** Pull down VERY GENTLY on glass shade to make sure that glass shade is secure.



## 11. Testing Your Fan.

It is recommended that you test fan before finalizing installation. Restore power from circuit box and wall switch (if applicable). Test fan speeds with the pull chain labeled FAN. Start at the OFF position (no blade movement). First pull will set the fan to HI. Second pull will set the fan to MEDIUM. Third pull will set the fan to LOW. Fourth pull will re-set the fan to OFF setting. If applicable, test light with the pull chain labeled LIGHT. (Refer to **diagram 1**.) If fan and/or light do (does) not function, please refer to "Troubleshooting" section to solve any issues before contacting Customer Service.

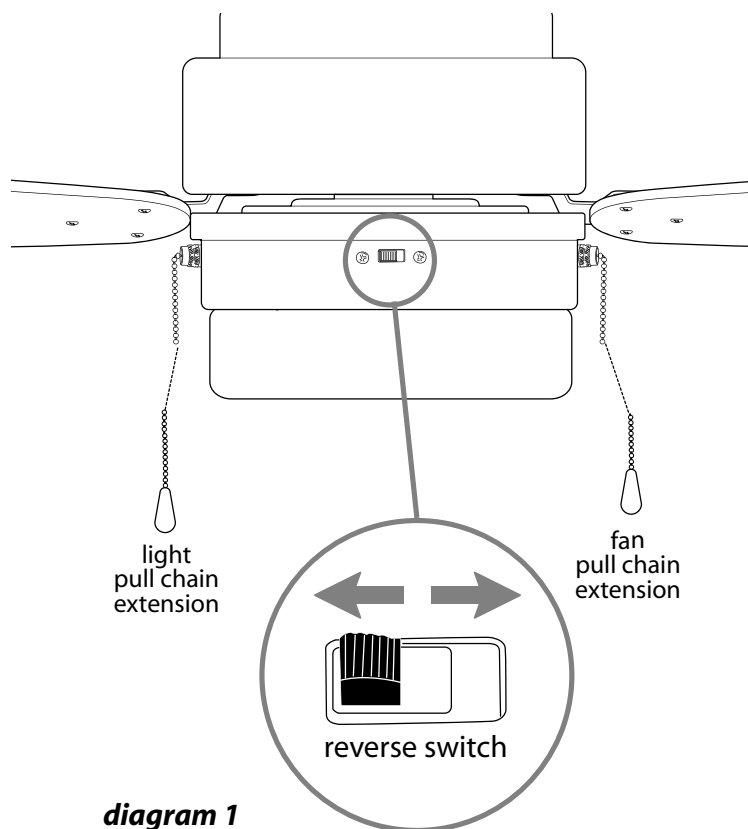
Turn fan completely off *before* moving the reverse switch. Set reverse switch to recirculate air depending on the season:

- LEFT position in summer (**diagram 2**)
- RIGHT position in winter (**diagram 3**)

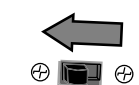
A ceiling fan will allow you to raise your thermostat setting in summer and lower your thermostat setting in winter without feeling a difference in your comfort.

**Important:** Reverse switch must be set either *completely LEFT* or *completely RIGHT* for fan to function. If the reverse switch is set in the *middle* position (**diagram 4**), fan will not operate.

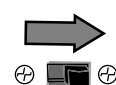
Attach pull chain extension(s) supplied or custom pull chain extension(s) (sold separately) to the end(s) of the pull chain(s).



**diagram 1**



**diagram 2**



**diagram 3**



**diagram 4**

## Troubleshooting.

**WARNING:** Failure to disconnect power supply prior to troubleshooting any wiring issues may result in serious injury.

**Problem:** Fan fails to operate.

**Solutions:**

1. Check wall switch to fan.
2. Verify that reverse switch is set completely in either direction.
3. Check to be sure fan is wired properly.
4. Verify that male and female plugs in light kit fitter are connected properly.

**Problem:** Light kit not lighting.

**Solutions:**

1. Check wall switch to fan.
2. Check that bulb is installed correctly.
3. Check to be sure wires in canopy are wired properly.
4. Verify that male and female plugs in light kit fitter are connected properly.

**Problem:** Fan operates but light fails.

**Solutions:**

1. Check that bulb is installed correctly.
2. Check to be sure wires in canopy are wired properly.
3. Verify that male and female plugs in light kit fitter are connected properly.
4. Replace defective bulb with same type of bulb.

**Problem:** Fan wobbles.

**Solutions:**

1. Use the balancing kit provided in one of the hardware packs. *If no blade balancing kit is provided, please call Customer Support, at 1-800-527-1292, to request one.*
2. Check to be sure set screw(s) on motor housing yoke is (are) tightened securely.
3. Check to be sure set screw on hanging ball is tightened securely.

## Parts Replacement.

For parts and information, please refer to "Parts Inventory" on page 2.

Litex Customer Support:

**1-800-527-1292**

## Warranty.

**LITEX 30-YEAR LIMITED WARRANTY:**

LITEX INDUSTRIES, LTD. warrants this fan to the original household purchaser for indoor use under the following provisions:

**1-YEAR WARRANTY:** LITEX INDUSTRIES, LTD. will replace or repair any fan which has faulty performance due to a defect in material or workmanship. Contact Litex Customer Service at **1-800-527-1292** to arrange for return of fan. Return fan, shipping prepaid, to Litex Industries, Ltd. We will repair or ship you a replacement fan, and we will pay the return shipping cost.

**5-YEAR WARRANTY:** LITEX INDUSTRIES, LTD. will repair or replace, at no charge to the original purchaser, any fan motor that fails to operate satisfactorily when failure results from normal use.

**RETURN FAN MOTOR ONLY,** shipping prepaid, to Litex Industries. We will repair or ship purchaser a replacement motor and Litex will pay the return shipping cost.

**6-YEAR to 30-YEAR WARRANTY:** LITEX INDUSTRIES, LTD. will repair the fan, at no charge to the original purchaser for labor only, if the fan motor fails to operate satisfactorily when failure results from normal use. Parts used in the repair will be billed to the purchaser at prevailing prices at time of repair.

The purchaser shall be responsible for all costs incurred in the removal, reinstallation and shipping of the product for repairs.

This warranty does not apply when damage from mechanical, physical, electrical or water abuse results in causing the malfunction. Deterioration of finishes or other parts due to time or exposure to salt air is specifically exempted under this warranty.

Neither Litex Industries nor the manufacturer will assume any liability resulting from improper installation or use of this product. In no case shall the company be liable for any consequential damages for breach of this, or any other warranty expressed or implied whatsoever. This limitation as to consequential damages shall not apply in states where prohibited.

