

Craftmade

CEILING FANS

Est. 1985

READ THESE INSTRUCTIONS AND
SAVE THEM FOR FUTURE USE



Targas

Installation Guide

For Model:

TG52

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net weight of fan: 14.99 lb (6.8 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 CETL (Canada) or ETL (USA) 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. Light kits that are not packed with the fan must be CETL (Canada) or ETL (USA) listed and marked suitable for use with the model fan you are installing. Switches must be CETL (Canada) or ETL (USA) general use switches. Refer to the instructions packaged with the light kits and switches for proper assembly.
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.]

8. Do not operate the reverse switch until the fan has come to a complete stop. [**Note:** If using remote control with reverse capability, reverse fan blade direction *only* when on LOW speed.]

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

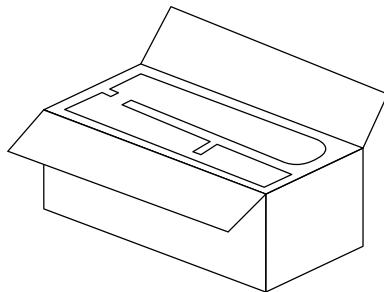
WARNING: To reduce the risk of personal injury, use **only** parts provided with this fan. **The use of parts OTHER than those provided with this fan will void the warranty.**

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.

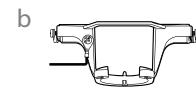
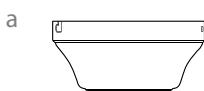
Carefully open the packaging. Remove items from Styrofoam inserts. Remove motor housing and place on carpet or Styrofoam to avoid damage to finish. Do not discard fan carton or Styrofoam inserts should this fan need to be returned for repairs.

Check against parts inventory that all parts have been included.



2. Parts Inventory.

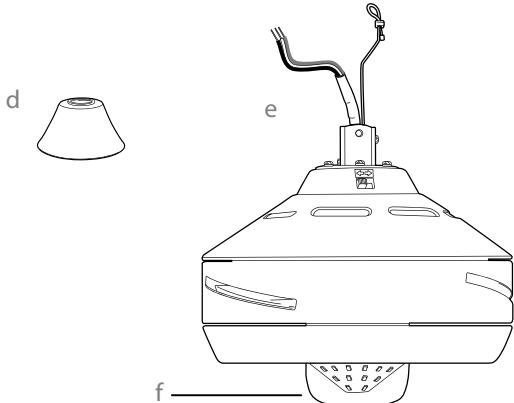
a. canopy. 1 piece



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



d. yoke cover. 1 piece



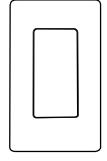
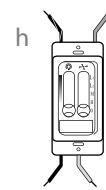
e. motor housing. 1 piece



f. LED light kit (already attached to motor).
1 piece



g. wall control and plate. 2 pieces



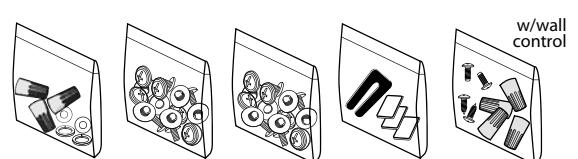
i. blade. 3 pieces



j. blade plate. 3 pieces



k. hardware packs



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

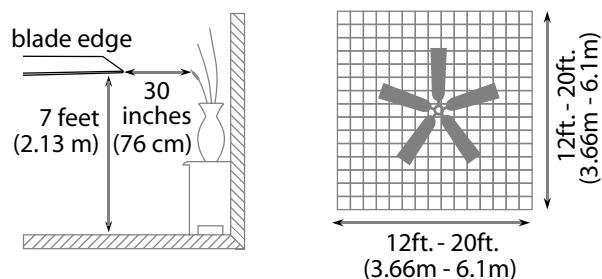
3. Installation Preparation.

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).

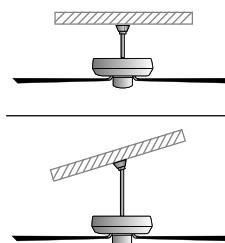
This fan can be mounted with a **downrod** on a regular (no-slope) or vaulted ceiling. The hanging length can be extended by purchasing a longer downrod (0.5in./1.27cm diameter). After installing hanging bracket, continue to Section 5 on page 4 for those instructions. This fan can also be mounted as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

Installation requires these tools:

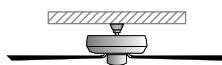
Phillips screwdriver, flathead screwdriver, adjustable pliers or wrench, stepladder, wire cutters, and rated electrical tape.



downrod installation



flushmount installation



Vaulted ceiling angle is not to exceed 25 degrees.

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.

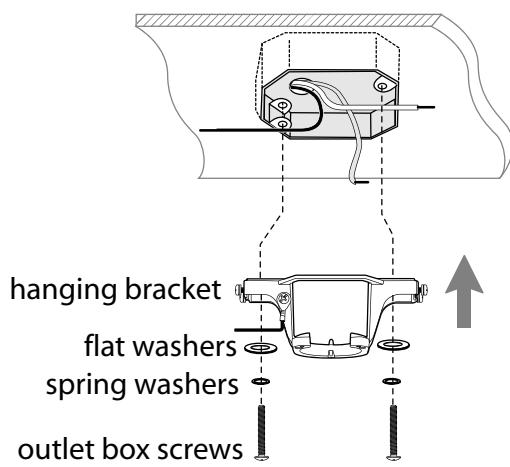
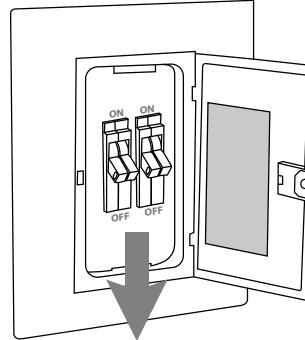
Remove existing fixture.

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.

Remove 6 screws and washers from yoke plate (located on top plate on top of motor housing) and set aside. Lift yoke plate and top plate to remove from motor housing and set aside.

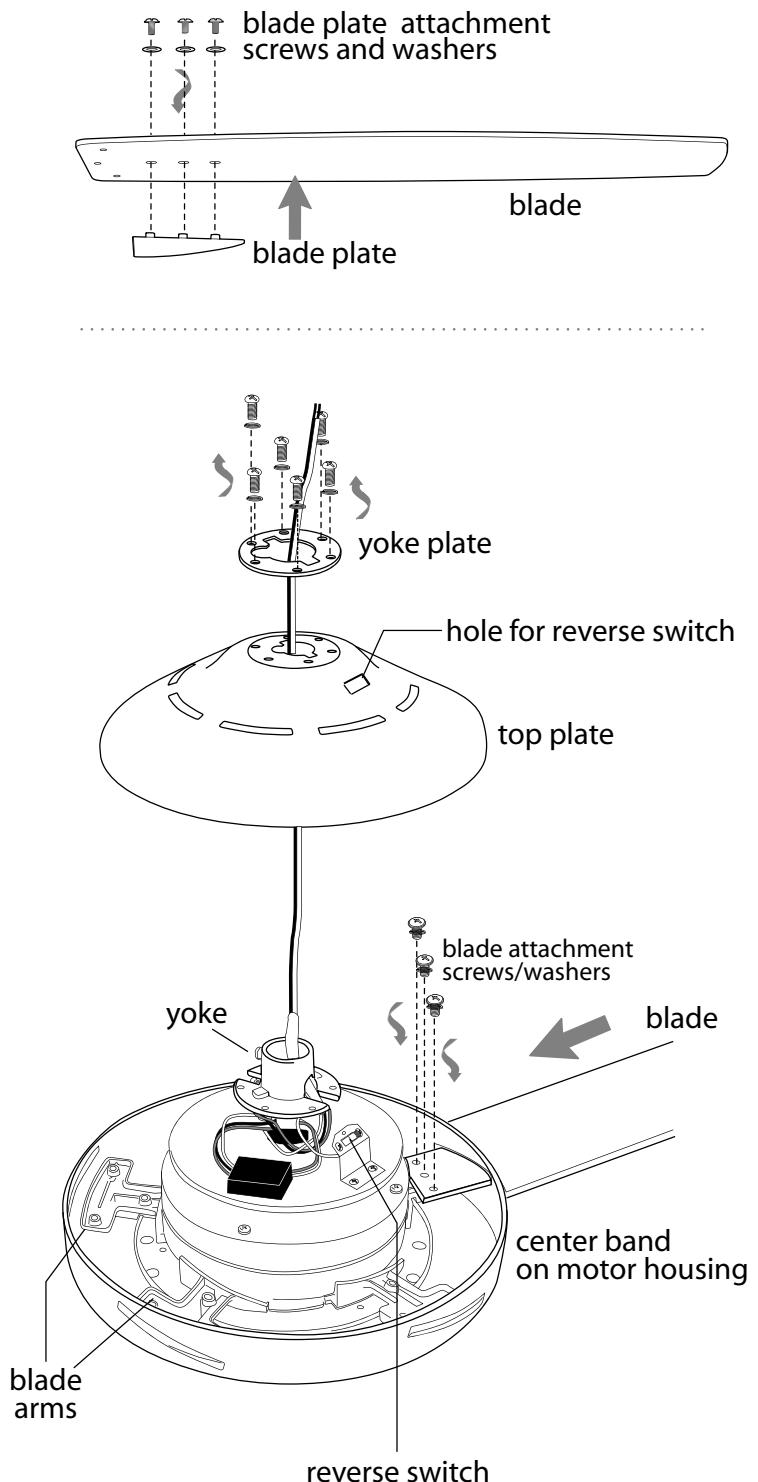
Time Saver: Washers can be set on each blade plate screw prior to installing blades.

Locate 9 decorative blade plate attachment screws and washers in one of the hardware packs. Hold blade plate up to blade, aligning posts in blade plate with holes in blade *as shown in diagram*. Insert 3 blade plate attachment screws (along with washers) with fingers first and then tighten screws securely with a Phillips screwdriver. Repeat for the remaining blade plates.

Locate 9 blade attachment screws/washers in hardware pack. Slide blade through one of the narrow, rectangular openings on center band, aligning holes in blade with holes in blade arm (located **inside** motor housing). Insert 3 blade attachment screws/washers with fingers first and then tighten screws securely with a Phillips screwdriver. Repeat procedure for each remaining blade.

Re-attach top plate and yoke plate to yoke using washers and screws previously removed. *Be sure that semicircular cutout on top plate and yoke plate aligns over yoke set screws for a proper fit. (Also make sure that reverse switch aligns properly with hole for reverse switch in top plate—see drawing.)* Tighten screws to secure top plate and yoke plate.

[Fan Assembly" continued on next page.]



5. Fan Assembly. (cont.)

Remove hanging ball from downrod provided by loosening set screw on hanging ball. Remove pin and clip. Lower hanging ball and remove stop pin. Slide hanging ball off of the downrod. [Refer to **diagram 1**.]

Loosen yoke set screws and nuts at top of motor housing. [Refer to **diagram 2**.]

Tip: To prepare for threading electrical wires through downrod, apply a small piece of electrical tape to the ends of the electrical wires--this will keep the wires together when threading them through the downrod. [Refer to **diagram 2**.]

Determine the length of downrod you wish to use. Thread safety cable and electrical wires through threaded end of downrod and pull extra wire slack from the upper end of the downrod. [Refer to **diagram 2**.]

Thread downrod into the motor housing yoke until holes for pin and clip in downrod align with holes in yoke--*make sure wires do not get twisted*. Re-insert pin and clip that were previously removed. Tighten yoke set screws and nuts securely. [Refer to **diagram 2**.]

Slide yoke cover and canopy over downrod. [Refer to **diagram 3**.]

Thread safety cable and wires through hanging ball; then slide hanging ball over downrod--the top of the downrod should be noted as having a set screw hole; use this hole when setting the set screw. Insert stop pin into top of downrod and raise hanging ball. Be sure stop pin aligns with slots on the inside of the hanging ball. Tighten set screw securely. [Refer to **diagram 4**.]

WARNING: Failure to tighten set screw on hanging ball completely could result in the fan becoming loose and possibly falling.

["Fan Assembly" continued on next page.]

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.

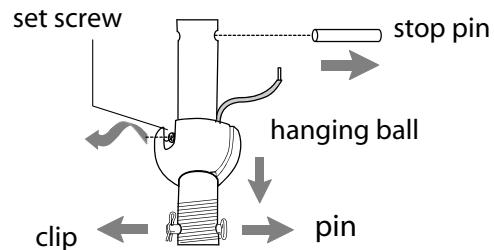


diagram 1

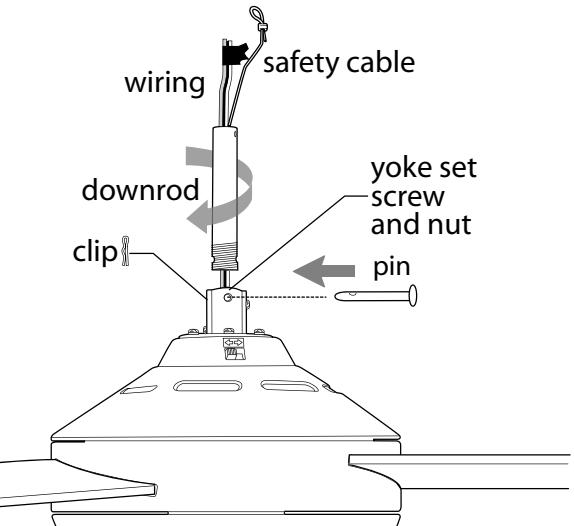


diagram 2

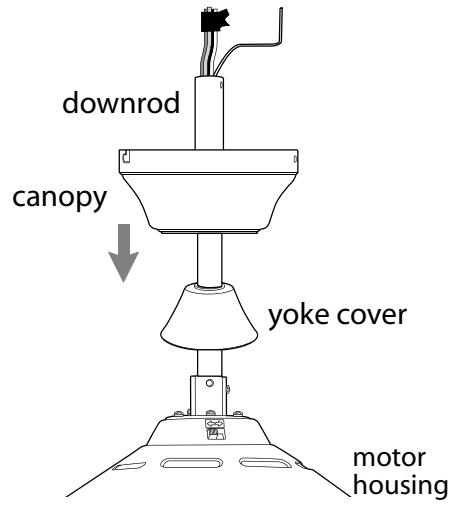


diagram 3

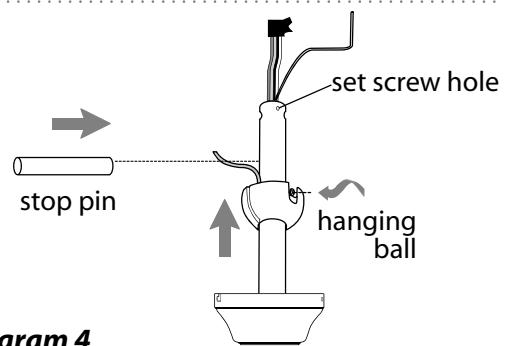


diagram 4

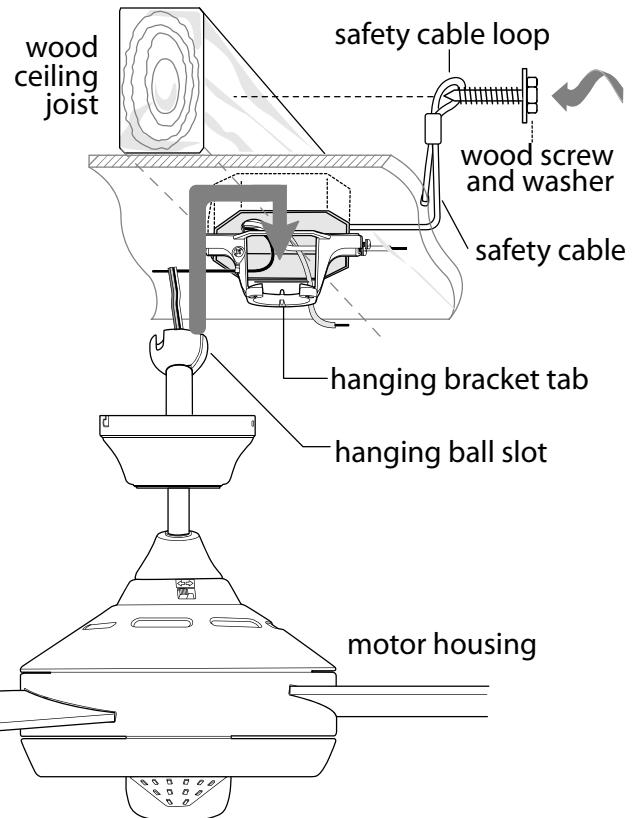
5. Fan Assembly. (cont.)

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.

Find a secure attachment point (wood ceiling joist highly recommended) and secure safety cable. It will be necessary to use a heavy duty wood screw, washer and lock washer (not supplied) with the safety cable loop. If necessary, adjust the loop at the end of the safety cable. The loop at the end of the safety cable should just fit over the threads on the wood screw. *Test safety cable by pulling on loose end with pliers. If the safety cable slips, the loop must be adjusted tighter.* Extra cable slack can be left in ceiling area.



6. Fan Assembly (flushmount).

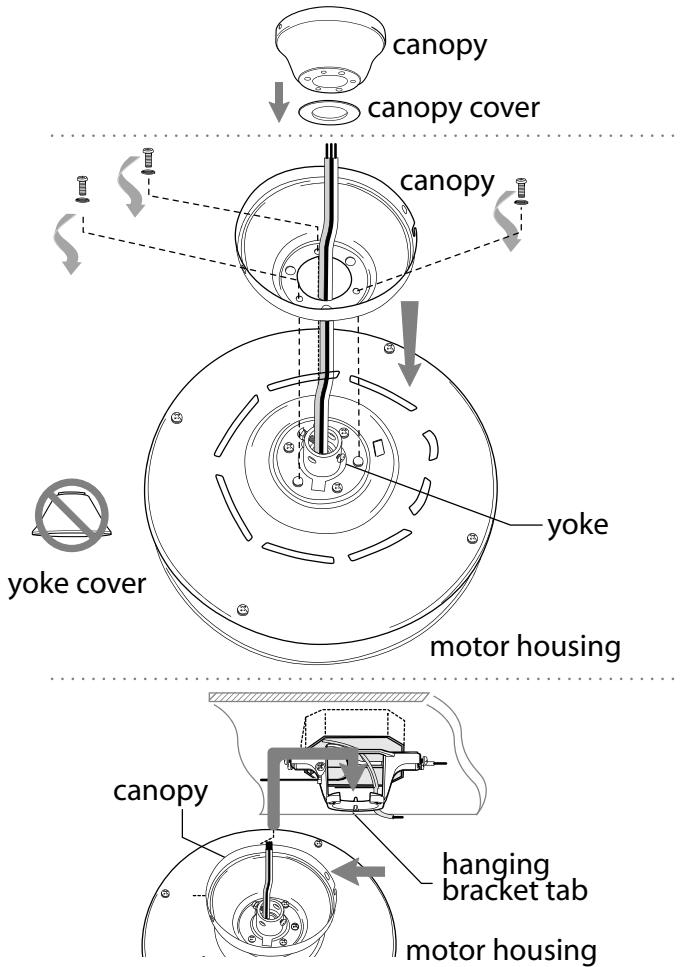
Note: Yoke cover is *not* used with this type of installation.

Remove and set aside canopy cover to reveal 6 holes. Notice that 3 holes are larger than the others.

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.

CAUTION: Be sure outlet box is properly grounded and that a ground wire (**GREEN** or Bare) 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 below, please use a qualified electrician.

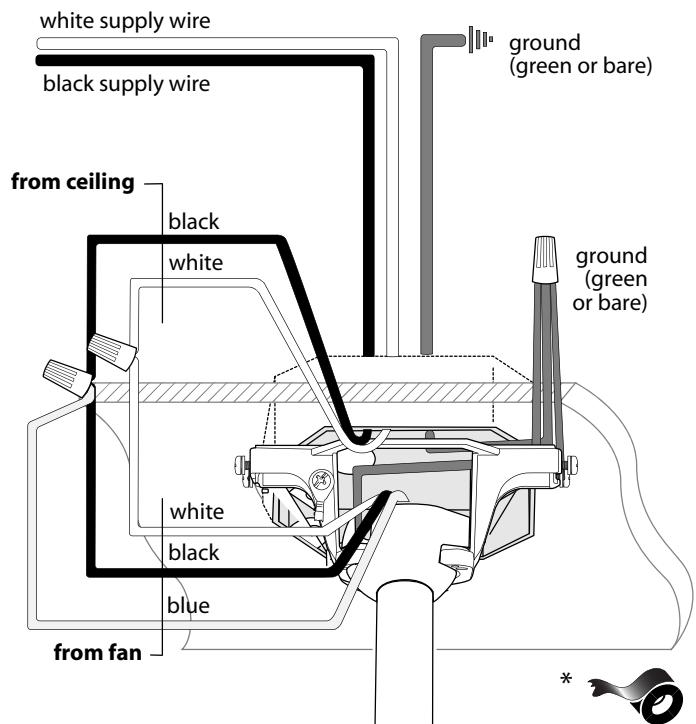
Note: Excess lead wire length from the fan can be cut to the desired length and then stripped.

When fan is secured in place on the hanging bracket, electrical wiring can be made as follows:

Connect **BLACK** and **BLUE** wires from fan to **BLACK** wire from ceiling. Connect **WHITE** wire from fan to **WHITE** wire from ceiling. Connect all **GROUND (GREEN)** wires together from fan to **BARE/GREEN** wire from ceiling. Use wire connectors provided when making connections.

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.



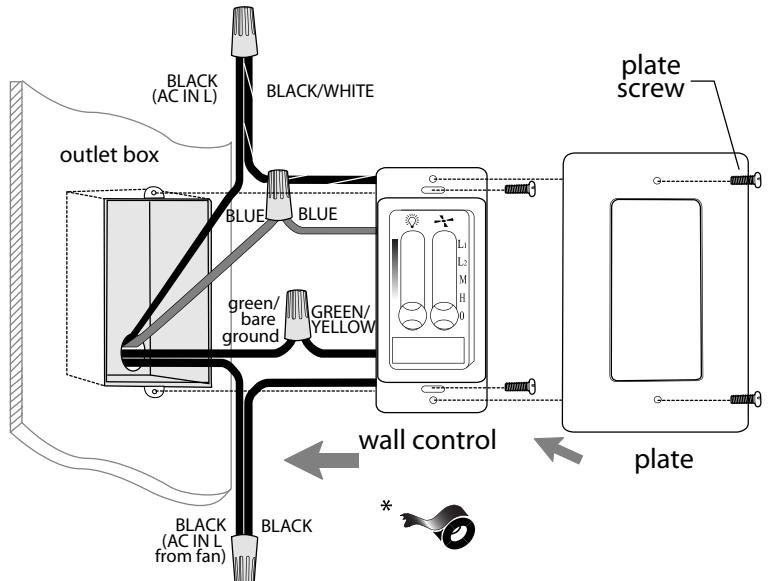
8. Wiring - Wall Control

Remove existing wall switch. Wire the wall control as shown in diagram at right.

Connect **BLACK/WHITE** wire from wall control to **BLACK (AC IN L)** wire in outlet box. Connect **BLACK** wire from wall control to **BLACK (AC IN L)** wire from fan (inside the outlet box). Connect **BLUE** wire from wall control to **BLUE** wire from light in the outlet box. Connect **GREEN/YELLOW** ground wire from wall control to ground wire in the outlet box. Use wire connectors provided when making connections.

*Wrap each wire connector separately with electrical tape as an extra safety measure. Gently push wires and taped wire connectors into outlet box.

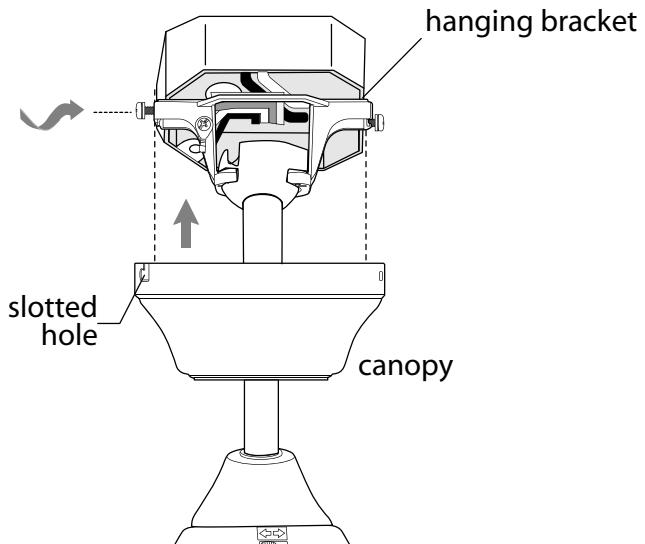
Attach wall control to outlet box and secure with screws from original wall switch. Attach plate (included) to wall control using 2 screws provided with the wall control.



9. 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/washers and set aside.

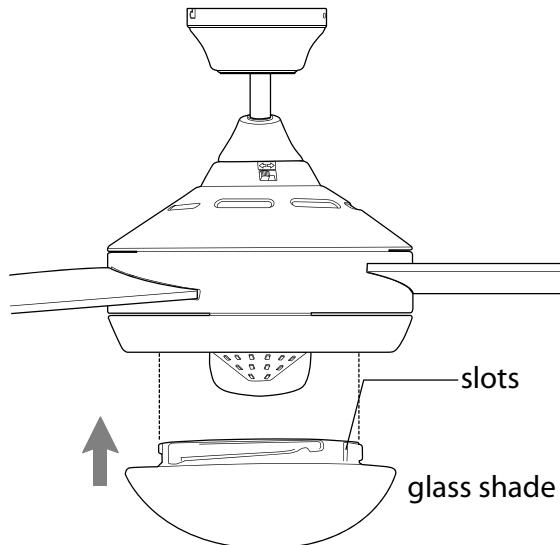
Now, lift canopy to hanging bracket again, aligning slotted holes in the canopy with loosened screws in hanging bracket. Twist canopy to lock. Re-insert the other 2 screws/washers and secure all screws with a Phillips screwdriver.



10. Glass Shade Installation.

Locate slots on glass shade and align with nodules on underside of motor housing. Gently push up on glass shade and turn to the RIGHT (clockwise) until it slides completely into place.

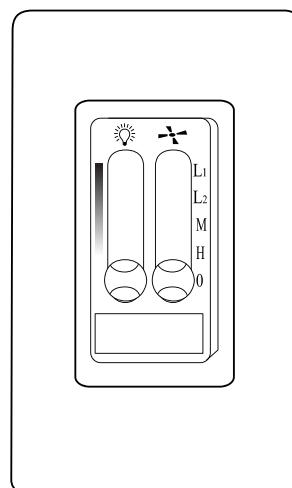
Pull down gently on glass shade to make sure glass shade is secured completely.



11. Wall Control Operation.

The wall control is operational for fan  and light  (dimmer).

- O** - turns fan OFF
- H** - turns fan to HIGH speed
- M** - turns fan to MEDIUM speed
- L2** - turns fan to MEDIUM LOW speed
- L1** - turns fan to LOW speed



12. Testing Your Fan.

It is recommended that you test fan before finalizing installation. Slide the knobs to "O" (OFF) position in wall control. Restore power from circuit box. Test light and dimmer function and then test fan speeds. 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 1**)
- RIGHT position in winter (**diagram 2**)

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 3**), fan will not operate.

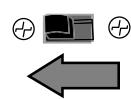
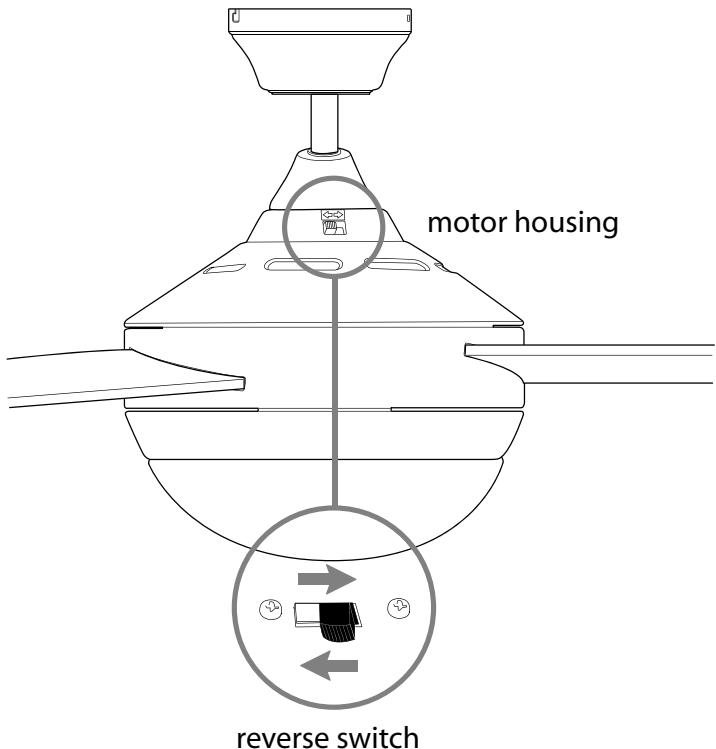


diagram 1

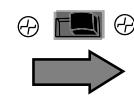


diagram 2



diagram 3

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 power to fan.
2. Check to be sure fan is wired properly.
3. Check to be sure wall control is wired properly.

Problem: Fan operates but light fails.

Solutions:

1. Check to be sure wires in canopy are wired properly.
2. Verify that wall control is wired properly.

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, 1-800-486-4892, 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.

Warranty.

CRAFTMADE/ELLINGTON LIFETIME WARRANTY: CRAFTMADE/ELLINGTON warrants this fan to the original household purchaser for indoor use under the following provisions:

1-YEAR WARRANTY: CRAFTMADE/ELLINGTON will replace or repair any fan which has faulty performance due to a defect in material or workmanship. Contact Craftmade/Ellington Customer Service at **1-800-486-4892** to arrange for return of fan. Return fan, shipping prepaid, to Craftmade/Ellington. We will repair or ship you a replacement fan, and we will pay the return shipping cost.

5-YEAR WARRANTY: CRAFTMADE/ELLINGTON 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 Craftmade/Ellington. We will repair or ship purchaser a replacement motor and Craftmade/Ellington will pay the return shipping cost.

6-YEAR to LIFETIME LIMITED WARRANTY: CRAFTMADE/ELLINGTON will repair the fan, at no charge for labor only to the original purchaser, 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 Craftmade/Ellington 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.

Parts Replacement.

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

Craftmade/Ellington Customer Support:

1-800-486-4892

www.craftmadebrands.com

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