

AELLO™

INSTALLATION INSTRUCTIONS

52-INCH INDOOR LED CEILING FAN



Table of Contents

Table of Contents	2	Assembly	7
Safety Information	2	Operation	15
Warranty	3	Care and Cleaning	15
Pre-Installation	3	Troubleshooting	16
Installation.....	6	FCC Statement	17

Safety Information

READ AND SAVE THESE INSTRUCTIONS.

1. To reduce the risk of electric shock, ensure the electricity has been turned off at the circuit breaker or fuse box before you begin.
2. All wiring must be in accordance with the National Electrical Code ANSI/NFPA 70 and local electrical codes. Electrical installation should be performed by a qualified licensed electrician.
3. The outlet box and support structure must be securely mounted and capable of reliably supporting 35 lbs. (15.9 kg). Use only UL Listed outlet boxes marked “Acceptable for Fan Support of 35 lbs. (15.9 kg) or less.”
4. Do not operate the reversing switch while the fan blades are in motion. You must turn the fan off and stop the blades before you reverse the blade direction.
5. Do not place objects in the path of the blades.
6. Electrical diagrams are for reference only. Light kits that are not packed with the fan must be UL-listed and marked suitable for use with the model fan you are installing. Switches must be UL General Use Switches. Refer to the instructions packaged with the light kits and switches for proper assembly.
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 one side of the outlet box and ungrounded conductor on the other side of the outlet box.
8. All setscrews must be checked and retightened where necessary before installation.



WARNING: To reduce the risk of personal injury, do not bend the blade brackets when installing the brackets balancing the blades, or cleaning the fan. Do not insert foreign objects in between rotating fan blades.



WARNING: To reduce the risk of fire, electric shock or personal injury, mount to outlet box marked “acceptable for fan support of 35 lbs. (15.9kg) or less” and use screws provided with the outlet box.



WARNING: To avoid possible electrical shock, turn the electricity off at the main fuse box before wiring. If you feel you do not have enough electrical wiring knowledge or experience, contact a licensed electrician.



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



WARNING: Electrical diagrams are for reference only. Optional use of any light kit shall be UL-listed and marked suitable for use with this fan.



CAUTION: To reduce the risk of personal injury, use only the screws provided with the outlet box.



CAUTION: To avoid personal injury or damage to the fan and other items, use caution when working around or cleaning the fan.



CAUTION: The fan must be mounted with a minimum of 7 ft (2.1 m) clearance from the trailing edge of the blades to the floor.



CAUTION: Changes or modifications not expressly approved by the party responsible for compliance could void the user’s authority to operate the equipment.

Warranty

We warrant the fan motor to be free from defects in workmanship and material present at time of shipment from the factory for a period of lifetime after the date of purchase by the original purchaser. We also warrant that all other fan parts, excluding any glass or acrylic blades, to be free from defects in workmanship and material at the time of shipment from the factory for a period of one year after the date of purchase by the original purchaser. We agree to correct such defects without charge or at our option replace with a comparable or superior model if the product is returned. To obtain warranty service, you must present a copy of the receipt as proof of purchase. All costs of removing and reinstalling the product are your responsibility. Damage to any part such as by accident, misuse, improper installation or by affixing any accessories, is not covered by this warranty. Because of varying climatic conditions this warranty does not cover any changes in brass finish, including rusting, pitting, corroding, tarnishing or peeling. Brass finishes of this type give their longest useful life when protected from varying weather conditions. A certain amount of “wobble” is normal and should not be considered a defect. Servicing performed by unauthorized persons shall render the warranty invalid. There is no other express warranty. We hereby disclaim any and all warranties, including but not limited to those of merchantability and fitness for a particular purpose to the extent permitted by law. The duration of any implied warranty which cannot be disclaimed is limited to the time period as specified in the express warranty. Some states do not allow limitation on how long an implied warranty lasts, so the above limitation may not apply to you. The retailer shall not be liable for incidental, consequential, or special damages arising out of or in connection with product use or performance except as may otherwise be accorded by law. Some states do not allow the exclusion of incidental or consequential damages, so the above exclusion or limitation may not apply to you. This warranty gives specific legal rights, and you may also have other rights which vary from state to state. This warranty supersedes all prior warranties. Shipping costs for any return of product as part of a claim on the warranty must be paid by the customer.

Pre-Installation

SPECIFICATIONS

Size	Speed	Volts	Airflow CFM	Fan Power Consumption (Without Lights) WATT	Airflow Efficiency (Higher Is Better) CFM/WATT	Net Weight	Gross Weight	Cube Feet
52 in.	Low	120	1821.39	14.19	128.36	14.15 lbs (6.42 kgs)	17.7 lbs (8.03 kgs)	1.11 cu. ft.
	Medium		3267.42	32.78	99.68			
	High		3842.99	48.53	79.19			

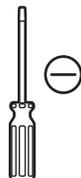


NOTE: These are approximate measures. They do not include the Amps and Wattage used by the light kit.

TOOLS REQUIRED



⊕
Phillips
screwdriver



⊖
Flat blade
screwdriver



Adjustable
wrench



Electrical
tape



Wire
cutter



Step ladder

Pre-Installation (continued)

HARDWARE INCLUDED



NOTE: Hardware not shown to actual size.



AA



DD



GG



BB



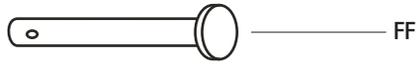
EE



HH



CC

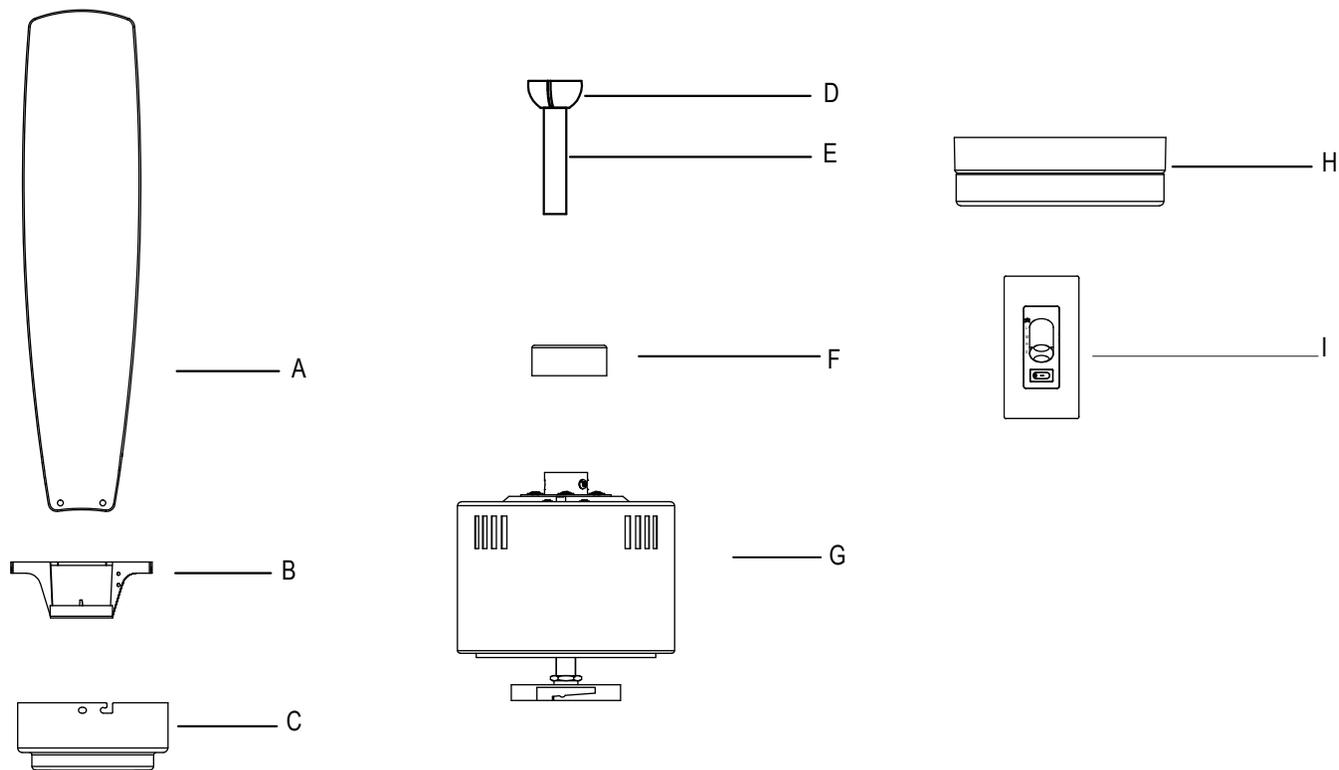


FF

Part	Description	Quantity
AA	Canopy screw (not to scale) (preassembled)	4
BB	Blade screw (not to scale)	8
CC	Spring washer (not to scale)	8
DD	Wire nuts (not to scale)	7
EE	Hitch pin (not to scale) (preassembled)	1
FF	Lock pin (not to scale) (preassembled)	1
GG	Set screw (not to scale) (preassembled)	2
HH	Wall control mounting screw (not to scale)	2

Pre-Installation (continued)

PACKAGE CONTENTS



Part	Description	Quantity
A	Blade	4
B	Mounting bracket	1
C	Canopy	1
D	Hanger ball (preassembled)	1
E	Downrod (preassembled)	1

Part	Description	Quantity
F	Coupling cover	1
G	Fan motor assembly	1
H	Lamp	1
I	Wall control	1

Installation

MOUNTING OPTIONS

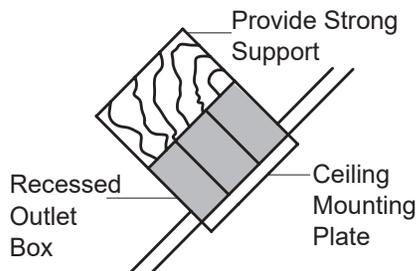
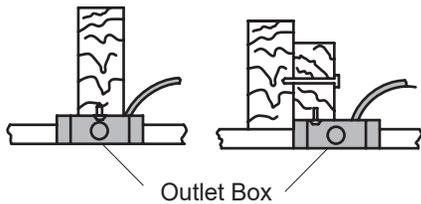
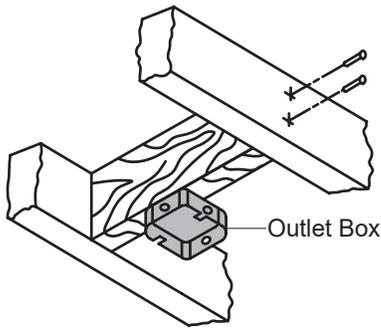


WARNING: To reduce the risk of fire, electric shock, or personal injury, mount to outlet box marked “acceptable for fan support of 35 lbs. (15.9 Kg) or less” using the screws provided with the outlet box. An outlet box commonly used for the support of lighting fixtures may not be acceptable for fan support and may need to be replaced. If in doubt, consult a qualified electrician.

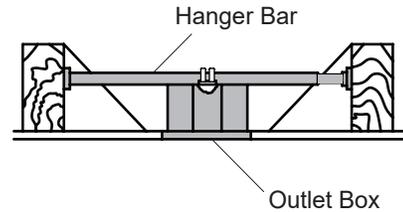
If your ceiling fan does not have an existing UL-listed mounting box, then install one using the following instructions:

- Disconnect the power by removing the fuses or turning off the circuit breakers.
- Secure the outlet box directly to the building structure. Use the appropriate fasteners and materials. The outlet box and its bracing must be able to fully support the weight of the moving fan (at least 35 lbs.). Do not use a plastic outlet box.

The illustrations below show three different ways to mount the outlet box.



NOTE: You may need a longer downrod to maintain proper blade clearance when installing on a steep, sloped ceiling. The maximum angle allowable is 23° away from horizontal.



If the canopy touches the downrod, then remove the decorative canopy bottom cover, and turn the canopy 180° before attaching the canopy to the mounting plate.

To hang your fan where there is an existing fixture but no ceiling joist you may need an installation hanger bar as shown above.

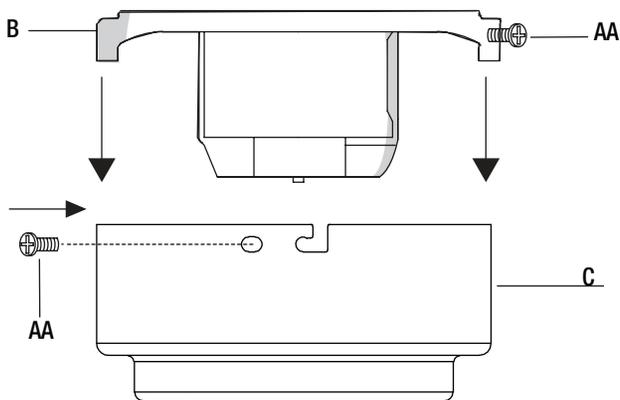
Assembly - Standard Ceiling Mount

1 Preparing for mounting



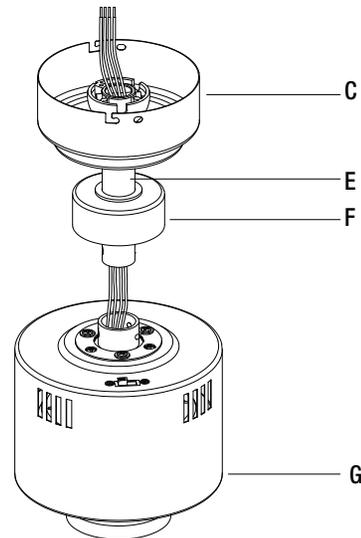
WARNING: Make sure power is off before attempting installation.

- Loosen the two canopy screws (AA) from the mounting bracket (B) located in the “L-shaped” slots.
- Remove and save the two canopy screws (AA) in the round holes.



2 Routing the wires

- Route the wires exiting the top of the fan motor assembly (G) into the coupling cover (F).
- Make sure the slot openings are on top and route the wires through the canopy (C) and then through the downrod (E) assembly.

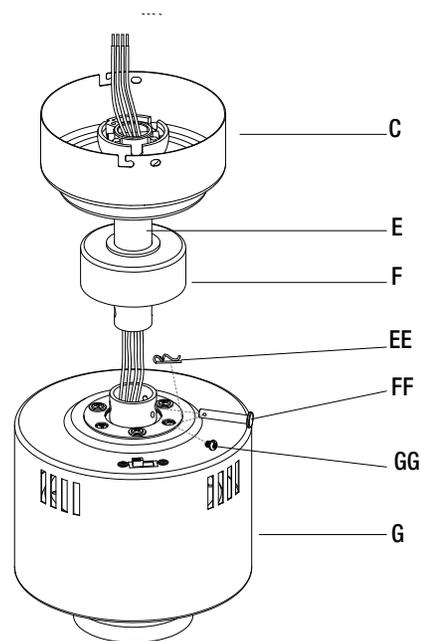


3 Assembling the fan



CAUTION: To ensure wobble-free operation and to avoid damage to the fan, the downrod (E) and the set screw (GG) must be completely tightened.

- Loosen the set screws (GG) in the downrod coupler until the inside of the channel is clear of the screw tip.
- Remove and save the lock pin (FF) on the end of the downrod (E).
- Slide the ceiling canopy (C) onto the downrod (E) followed by the coupling cover (F).
- Attach the downrod (E) into the coupler until the lock pin (FF) can be inserted through the hole in both the rod and coupler.
- Insert the lock pin (FF) through the hole in the coupler and downrod (E) then attach the hitch pin (EE) on the other side.
- Tighten both set screws on the coupler.



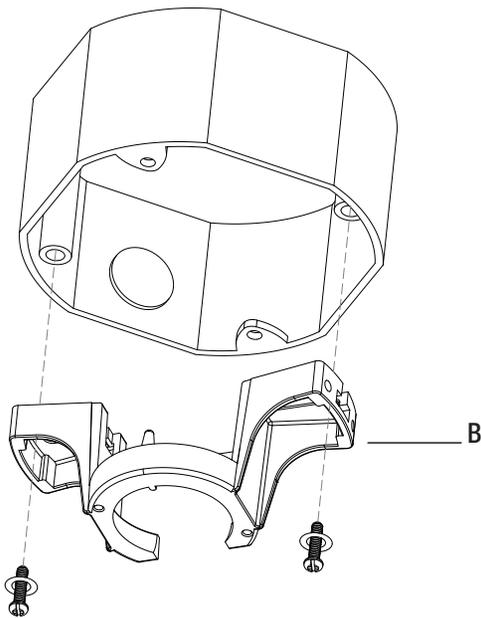
Assembly - Standard Ceiling Mount (continued)

4 Attaching the fan to the electrical box



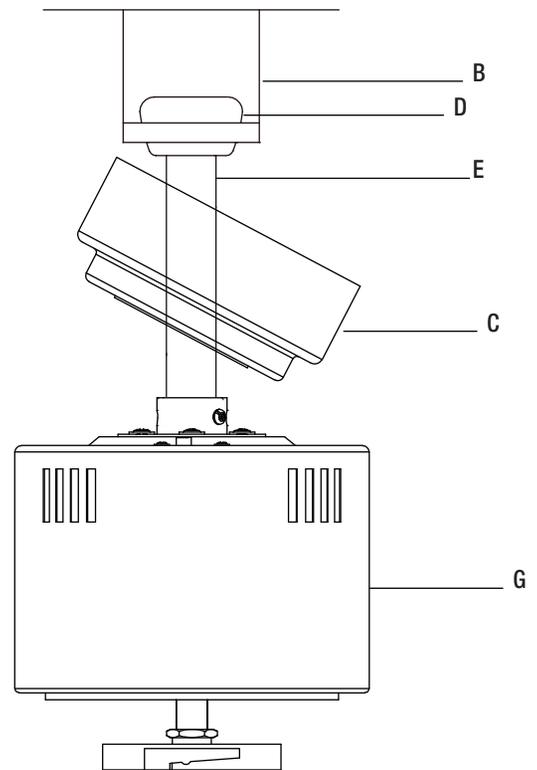
WARNING: To reduce the risk of fire, electric shock or personal injury, mount to outlet box marked "acceptable for fan support of 35 lbs. (15.9Kg) or less" and use screws provided with the outlet box.

- Install the ceiling mounting bracket (B) on the outlet box using the two mounting screws provided with the outlet box. If necessary use leveling washers (not included) between the mounting bracket (B) and outlet box.
Note that the flat side of the mounting bracket (B) is toward the outlet box. When using flushmount, it is important that the mounting bracket be level.
- Securely tighten the two outlet box screws.
- Pass the 120-Volt supply wires through the center hole in the mounting bracket (B).



5 Hanging the fan

- Carefully lift the fan motor assembly (G) up to the mounting bracket (B).
- Seat the hanger ball (D) portion of the downrod assembly (E) in the mounting bracket (B) socket. Ensure that the tab on the mounting bracket (B) socket is properly seated in the groove in the hanger ball. If using flushmount, hang the fan on the hook provided by utilizing one of the holes at the outer rim of the ceiling canopy (C).



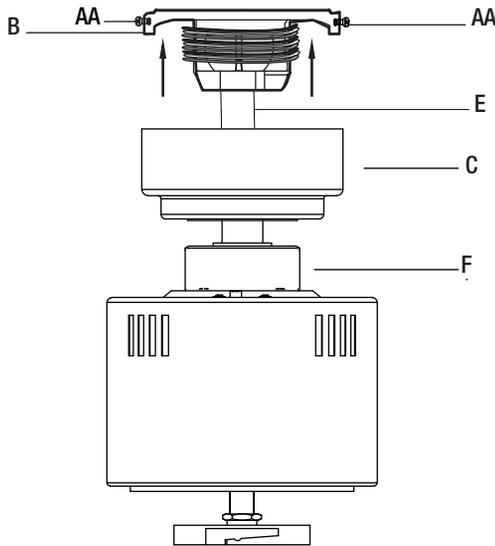
Assembly - Standard Ceiling Mount (continued)

7 Mounting the fan



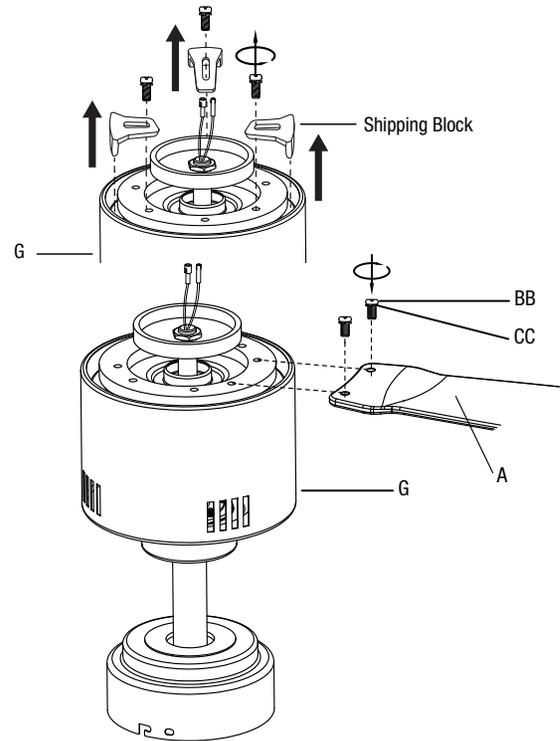
WARNING: When using the standard ball/downrod mounting, the tab in the ring at the bottom of the mounting bracket must rest in the groove of the hanger ball. Failure to properly seat the tab in the groove could cause damage to the wiring.

- Align the locking slots of the ceiling canopy (C) with the two canopy screws (AA) in the mounting bracket (B). Push up to engage the slots and turn clockwise to lock in place.
- Firmly tighten the two canopy screws (AA).
- Install the two canopy screws (AA) (saved from Assembly Step 1 “Preparing for mounting”) into the holes in the canopy (C) and tighten firmly.



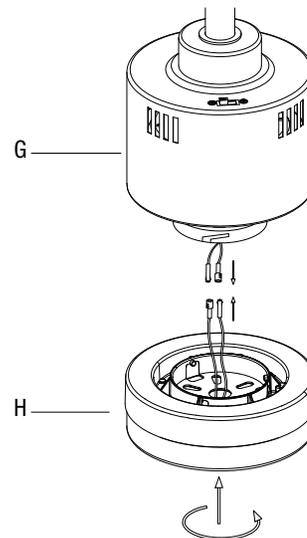
8 Attaching the fan blades

- Unscrew three screws and detach the shipping blocks from the motor assembly (G). These shipping blocks are used for protection only. Discard when they are being removed.
- Attach the fan blades (A) to the fan motor assembly (G) by using the blade screws (BB) and fiber washers (CC). Tighten blade screws (BB) securely.
- Repeat these steps for the remaining blades (A).



9 Installing the lamp

- A wire connector (female) is located inside the electrical switch housing and a male connector extends from the lamp. Push them together.
- A wire connector (male) is located inside the electrical switch housing and a female connector extends from the lamp. Push them together.
- Place the lamp (H) into the electrical switch housing aligning the three flat areas on the electrical switch housing with the three raised dimples in the lamp (H). Turn the lamp (H) clockwise until it stops.



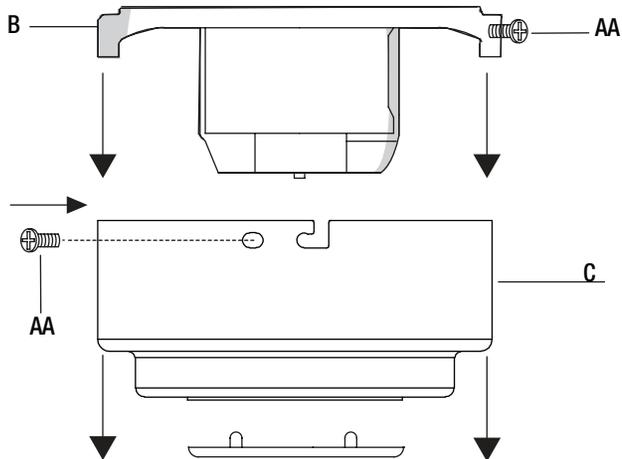
Assembly - Flushmount

1 Preparing for mounting



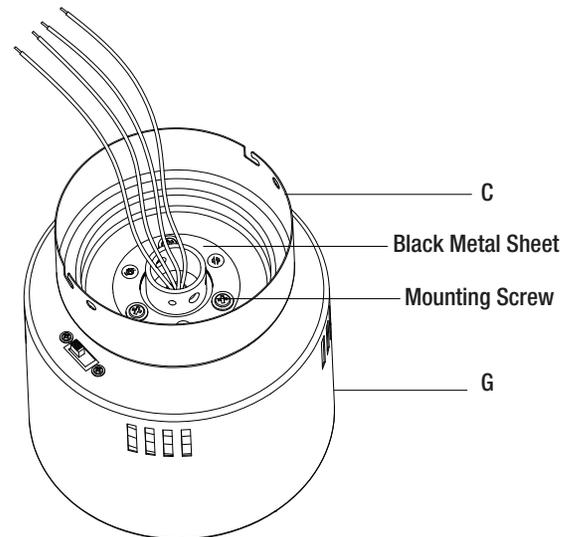
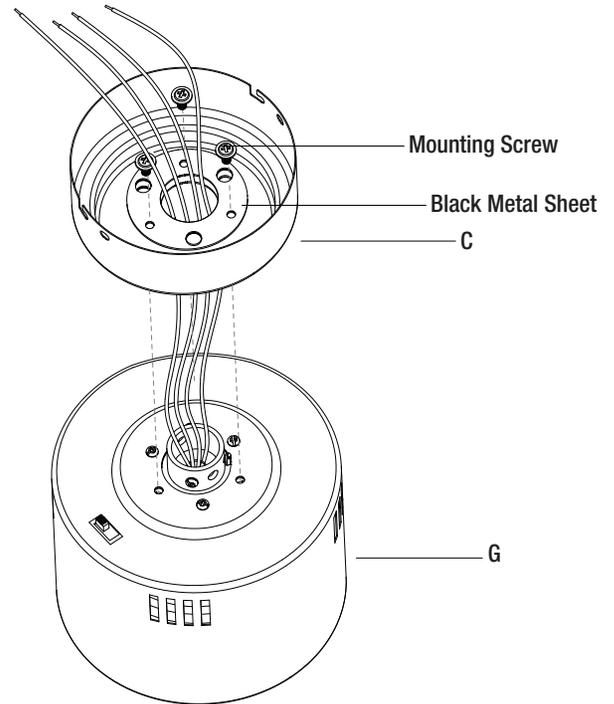
WARNING: Make sure power is off before attempting installation.

- Loosen the two canopy screws (AA) from the mounting bracket (B) located in the “L-shaped” slots.
- Remove and save the two canopy screws (AA) in the round holes.
- Remove the decorative canopy bottom cover from the canopy (C).



2 Routing the wires

- Remove the three mounting screws and the black metal sheet from the motor housing. Retain them for further use.
- Place the canopy (C) onto the motor housing, followed by the black metal sheet, and use the three mounting screws to firmly attach the canopy to the motor housing.



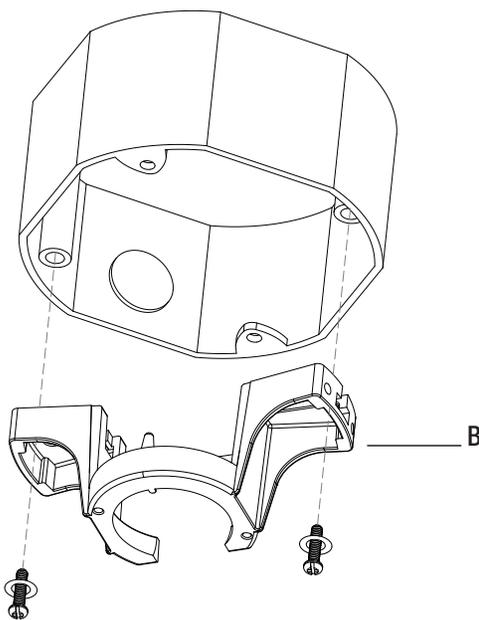
Assembly - Flushmount (continued)

3 Attaching the fan to the electrical box



WARNING: To reduce the risk of fire, electric shock or personal injury, mount to outlet box marked “acceptable for fan support of 35 lbs. (15.9Kg) or less” and use screws provided with the outlet box.

- Install the ceiling mounting bracket (B) on the outlet box using the two mounting screws provided with the outlet box. If necessary use leveling washers (not included) between the mounting bracket (B) and outlet box.
Note that the flat side of the mounting bracket (B) is toward the outlet box. It is important that the mounting bracket be level.
- Securely tighten the two outlet box screws.
- Pass the 120-Volt supply wires through the center hole in the mounting bracket (B).

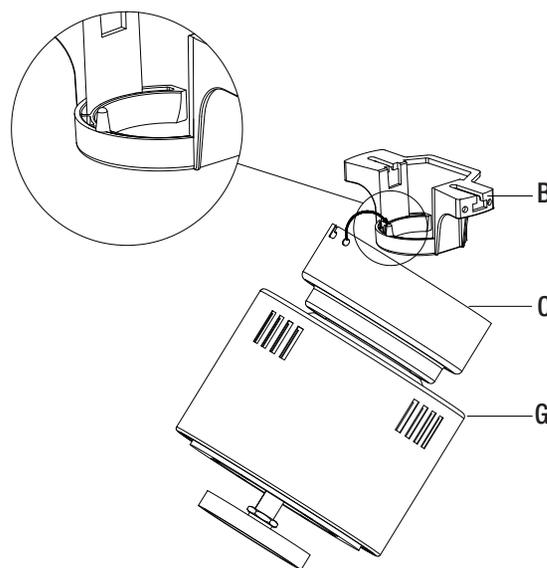


4 Hanging the fan



WARNING: The hook as shown is only to balance the fan while attaching wiring. Failure to hang as shown may result in hook breaking, causing the fan to fall. The hook must pass from inside to the outside of the canopy.

- Carefully lift the fan motor assembly (G) up to the mounting bracket (B).
- If using flushmount, hang the fan on the hook provide by utilizing one of the holes at the outer rim of the ceiling canopy (C).

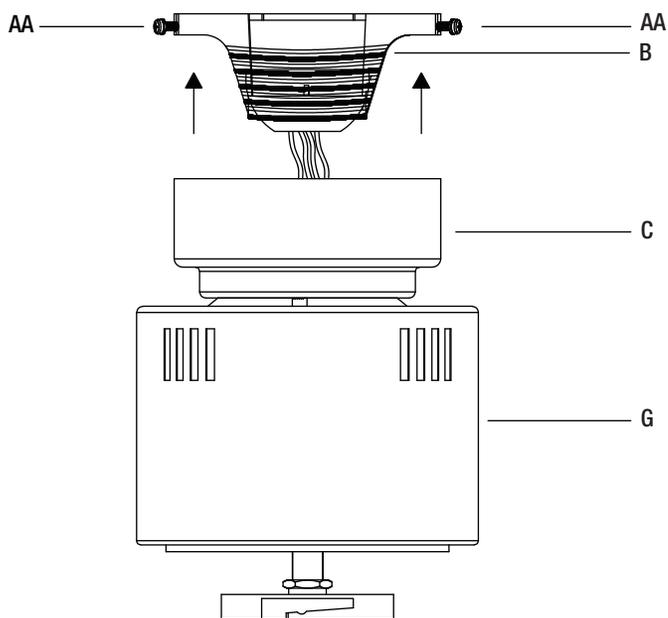


Assembly - Flushmount (continued)

6 Mounting the fan

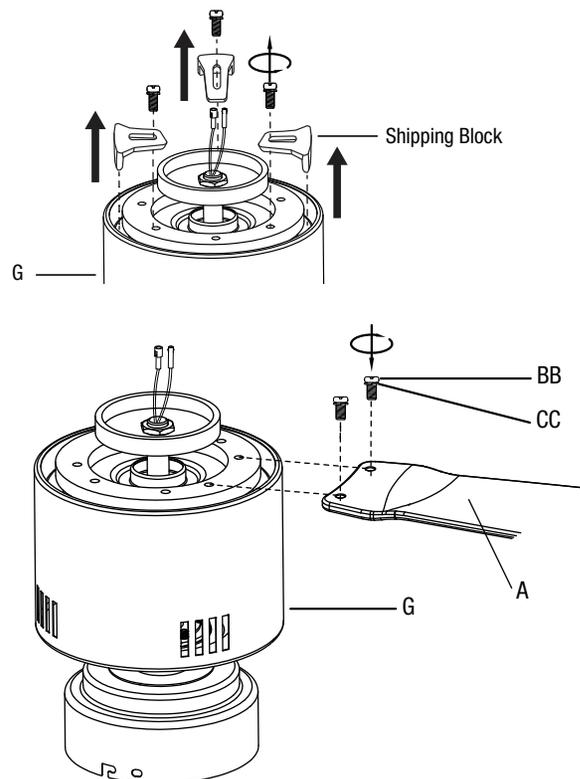
 **WARNING:** The locking slots of the ceiling canopy are provided only as an aid to mounting. Do not leave the fan assembly unattended until all four canopy screws are engaged and firmly tightened.

- Carefully unhook the fan from the mounting bracket (B) and align the locking slots of the ceiling canopy (C) with the two screws in the mounting bracket (B). Push up to engage the slots and turn clockwise to lock the canopy (C) in place. Immediately tighten the two canopy screws (AA) firmly.
- Install the remaining two canopy screws (AA) into the holes in the canopy (C) and tighten firmly.



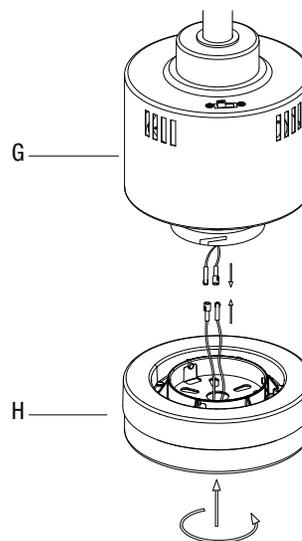
7 Attaching the fan blades

- Unscrew three screws and detach the shipping blocks from the motor assembly (G). These shipping blocks are used for protection only. Discard when they are being removed.
- Attach the fan blades (A) to the fan motor assembly (G) by using the blade screws (BB) and fiber washers (CC). Tighten blade screws (BB) securely.
- Repeat these steps for the remaining blades (A).



8 Installing the lamp

- A wire connector (female) is located inside the electrical switch housing and a male connector extends from the lamp. Push them together.
- A wire connector (male) is located inside the electrical switch housing and a female connector extends from the lamp. Push them together.
- Place the lamp (H) into the electrical switch housing aligning the three flat areas on the electrical switch housing with the three raised dimples in the lamp (H). Turn the lamp (H) clockwise until it stops.



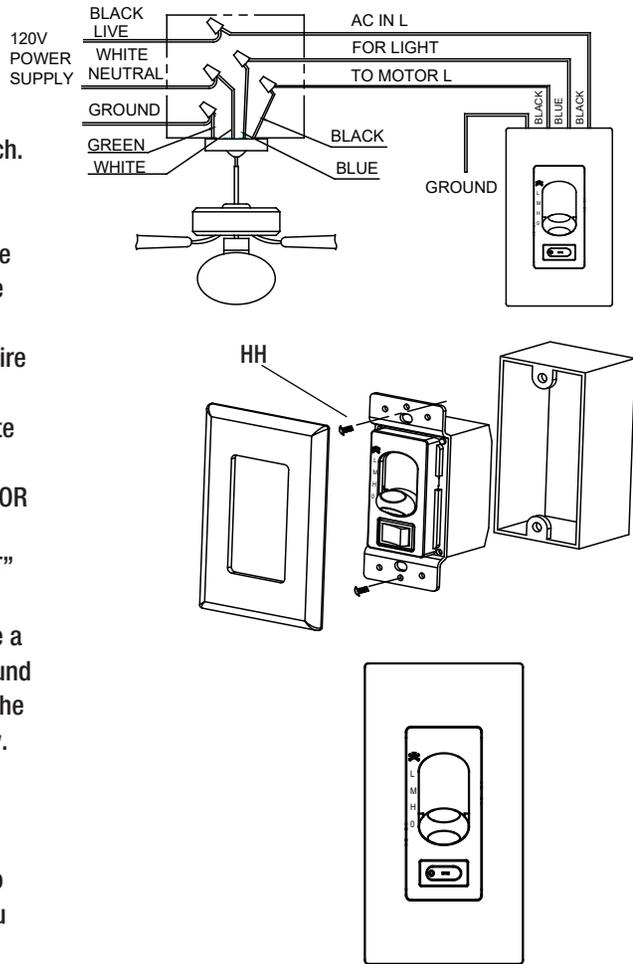
Operation

WALL CONTROL INSTALLATION



Before you begin, **TURN OFF THE ELECTRICITY** at the main circuit panel or fuse box. If you feel unsure of this procedure, have a qualified electrician install this unit.

- ❑ Disconnect the power and remove the existing wall plate and switch. Set all knobs on the dual slide wall-mounted control in the OFF position. Installation of this control requires that a three conductor cable with ground wire be run between the control wall box and the ceiling fan outlet box. Make wire connections and secure with wire nuts supplied.
- ❑ Connect the Black (live) wire from the power supply to the Black wire "AC IN L" from the wall-mounted control.
- ❑ Connect the White (neutral) wire from the power supply to the White wire "TO MOTOR N" from the fan motor assembly (G).
- ❑ Connect the Black wire from ceiling fan to the Black wire "TO MOTOR L" from the wall-mounted control.
- ❑ Connect the Blue wire from ceiling fan to the Blue wire "FOR LIGHT" from the wall-mounted control.
- ❑ Connect the ground conductor of the 120-VOLT supply (this may be a bare wire or a wire with green colored insulation) to the green ground lead(s) of the fan. There are two green grounding leads: one from the mounting bracket and one from the hanger ball/downrod assembly. If for flush mount, Only one green grounding lead come from the mounting basket.
- ❑ Make sure to use wire nuts on all connections.
- ❑ Push the control unit into the switch box and secure it with the two screws at each end of the unit (this procedure is the same as if you were to put the original wall switch back into the wall).
- ❑ Now attach the face plate to the wall control.



WALL CONTROL OPERATION

Speed Control

O: POWER OFF
H: HIGH SPEED
M: MEDIUM SPEED
L : LOW SPEED

Light Control

O: POWER OFF
-: POWER ON

REVERSE SWITCH OPERATING INSTRUCTIONS

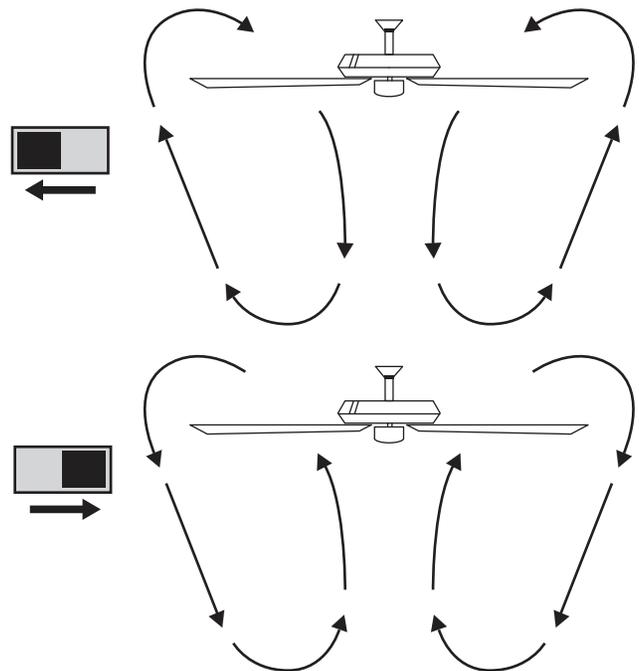
The reverse switch is located on the surface of the motor assembly. This switch controls directions: forward (switch left) or reverse (switch right).



NOTE: Wait for the fan to stop before reversing the direction of the blade rotation.

Warm weather - (Counterclockwise Direction) A downward air flow creates a cooling effect. This allows you to set your air conditioner on a warmer setting without affecting your comfort.

Cool weather - (Clockwise Direction) An upward air flow moves warm air off the ceiling. This allows you to set your heating unit on a cooler setting without affecting your comfort.



Care and Cleaning



WARNING: Make sure the power is off before cleaning your fan.

- Because of the fan's natural movement, some connections may become loose. Check the support connections, brackets, and blade attachments twice a year. Make sure they are secure. It is not necessary to remove the fan from the ceiling.
- Clean your fan periodically to help maintain its new appearance over the years. Do not use water when cleaning, as this could damage the motor, or the wood, or possibly cause an electrical shock. Use only a soft brush or lint-free cloth to avoid scratching the finish. The plating is sealed with a lacquer to minimize discoloration or tarnishing.
- You can apply a light coat of furniture polish to the wood for additional protection and enhanced beauty. Cover small scratches with a light application of shoe polish.
- You do not need to oil your fan. The motor has permanently-lubricated sealed ball bearings.
- Always unplug the fan before cleaning, disassembly or servicing.

Troubleshooting

Problem	Solution
The fan will not start.	<ul style="list-style-type: none"> □ Check the main and branch circuit fuses or breakers. □ Check the line wire connections to the fan and switch wire connections in the switch housing. □ Check the battery in the remote control. □ Ensure you are in the normal range of 10-20 feet. □ Turn the power off and ensure that the dip switch settings are the same on the remote control and receiver.
The fan is noisy.	<ul style="list-style-type: none"> □ Ensure all motor housing screws are snug. □ Ensure the screws that attach the fan blade bracket to the motor hub are tight. □ Ensure the wire nut connections are not rattling against each other or the interior wall of the switch housing. □ Allow a 24-hour "breaking in" period. Most noises associated with a new fan disappear during this time. □ If you are using the Ceiling Fan light kit, ensure the screws securing the glassware are tight. Check that the light bulbs are also secure. □ Ensure the canopy is a short distance from the ceiling. It should not touch the ceiling. □ Ensure your outlet box is secure and rubber isolator pads were used between the mounting plate and outlet box.
The fan wobbles.	<ul style="list-style-type: none"> □ Check that all blade and blade arm screws are secure. □ 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. Measure from a point on the center of the blade to the point on the ceiling. Rotate the fan until the next blade is positioned for measurement, and measure from the same point on each blade to the ceiling. Repeat for each blade. Any measurement deviation should be within 1/8 in. Run the fan for ten minutes. If the fan continues to wobble please contact Truly Green Solutions Customer Service and a balancing kit will be sent to you at no charge.

FCC Statement

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

CAUTION:
Any changes or modifications not expressly approved by the grantee of this device could void the user's authority to operate the equipment.

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions:

- (1) This device may not cause harmful interference, and
- (2) this device must accept any interference received, including interference that may cause undesired operation.