

Ceiling Fan

Installation Guide

Read and Save These Instructions

For Models: 1103LED

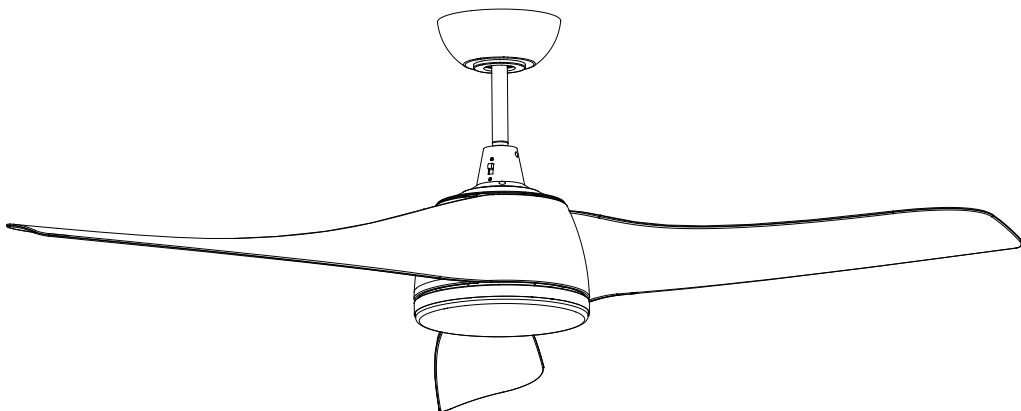


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1103LED

INSTALLATION INSTRUCTIONS

Please read carefully and save these instructions, as you may need them at a later date.

CAUTION

1.All electrical connections must be in accordance with the National Electrical Code ANSI/NFPA 70 and local electrical code. If you are unfamiliar with proper electrical wiring connections, contact and obtain the service of a qualified licensed electrician.

2.To reduce the risk of electric shock, turn the electricity off at main fuse box or circuit breaker before beginning fan installation or servicing the fan. Do not operate fan without blades.

3.To reduce the risk of injury to person, make sure a location selected for the fan allows clear space for blades to rotate, and at least seven(7) feet (2.1 Meters) of clearance between the floor and the fan blade tips.

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

WARNING: To reduce the risk of fire, electric shock or personal injury, mount the fan to outlet box marked **ACCEPTABLE FOR FAN SUPPORTS** of 15.9 kgs(35 lbs) at least and use mounting screws provided with the outlet box. Most outlet boxes commonly used for the support of luminaires are not acceptable for fan support and may need to be replaced. Consult a qualified electrician if in doubt.

4.To reduce the risk of personal injury, use only approval mounting bracket, those parts and screws supplied with the fan and or accessories designated specifically for use with the fan.

WARNING: Using parts and or accessories other than those supplied with the fan could result in personal injury or property damage and will void the warranty.

5.After completing installation, check all set screws and make sure they are firmly secured.

6.Electrical diagrams are for reference only. Light kits are not packed with the fan must be UL or ETL listed and marked suitable for use with the fan you are installing. Choose fan and light switches must be UL or ETL general use. Refer to the instructions packaged with the light kits and switches for proper assembly and installations.

7.Wooden blades are not intended for storage or installation in spaces that are not temperature controlled. To avoid issues with blade warping, do not store or install ceiling fans in areas without air conditioning.

8.Do not operate reversing switch while fan blades are in motion. Fan must be turned off and blades stopped before reversing blade direction.

9.Do not use water or detergents when cleaning the fan or fan blades. A dry cloth or lightly dampened cloth will be suitable for most cleaning.

10.The fan is suitable for use in damp locations when installed in a GFCI protected branch circuit.

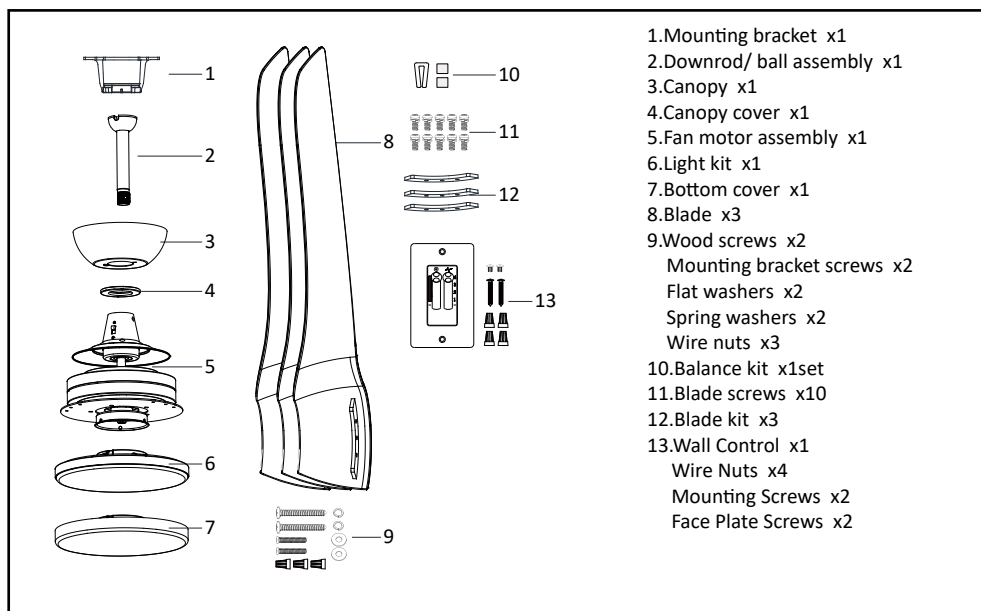
WARNING: To reduce the risk of fire or electric shock, do NOT use this fan with any solid-state speed control device.

WARNING: To reduce the risk of personal injury, do NOT insert foreign objects between rotating fan blades.

WARNING: To reduce the risk of electric shock, disconnect the electricity supply circuit to the fan before installing light kit.

WARNING: To Reduce The Risk Of Fire. Electric Shock Or Injury To Persons, Do Not Use Replacement Parts That Have Not Been Recommended By The Manufacturer (e.g. Parts Made At Home Using A 3D Printer).

ASSEMBLY AND INSTALLATION



MOUNTING OPTIONS

If there isn't an existing UL listed mounting box, then read the following instructions. Disconnect the power by removing fuses or turning off circuit breakers.

Secure the outlet box directly to the building structure. Use appropriate fasteners and building materials. The outlet box and its support must be able to fully support the moving weight of the fan (at least 35 lbs). Do not use plastic outlet boxes.

Figures 1 and 2 are examples of different ways to mount the outlet box.

To hang your fan where there is an existing fixture but no ceiling joist, you may need ceiling fan outlet box and support brace as shown in Figure 3.

Fig.1

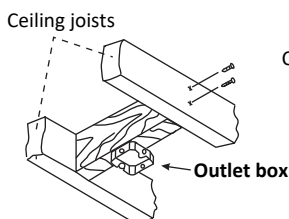


Fig.2

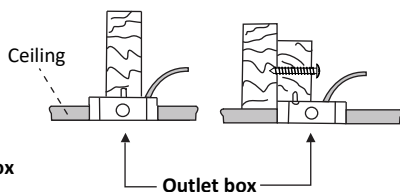
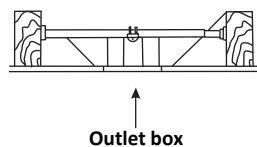


Fig.3



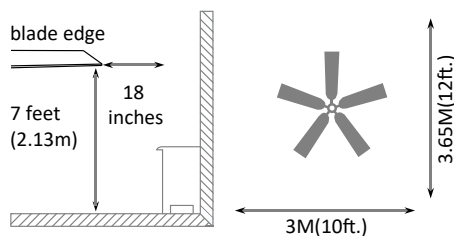
WARNING

The fan should not be installed unless the structure on which the fan is to be mounted is of sound construction, undamaged, and capable of supporting the loads of the fan and its method of mounting. A structural engineer should verify that the structure is adequate prior to fan installation. Verifying the stability of the mounting structure is the sole responsibility of the customer and/or end user, and we hereby expressly disclaims any liability arising therefrom.

Installation Preparation

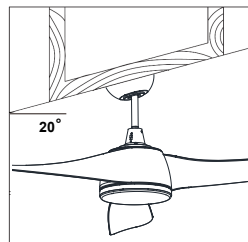
To prevent personal injury and damage, ensure that the hanging location allows the blades a clearance of 7 feet (2.13m) from the floor and 18in. (46cm) from any wall or obstruction. This fan is suitable for room sizes up to 100~150 square feet.

Fig.4



ANGLED CEILING INSTALLATION

This fan hanging system supports a maximum 20 degree angled ceiling installation.



INSTALLING MOUNTING BRACKET

Before you begin installing the fan, turn off circuit breakers and wall switch to fan supply line leads.

WARNING: Failure to disconnect the power supply prior to installation may result in serious injury. To reduce the risk of electrical shock, the fan must be installed with an isolating wall control/ switch.

Two options for installation, choose which one works for your location.

Remove an existing bracket prior to installation.

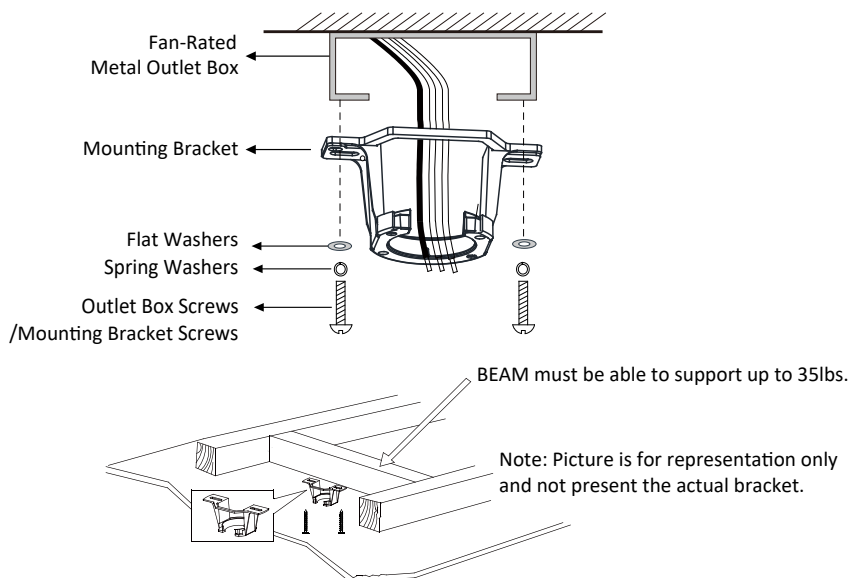
Only use the provided mounting bracket that came in your fan's box.

Option A: Use outlet box screws(provided with outlet box) or mounting bracket screws and washers(included) when securing the mounting bracket to the fan-rated metal outlet box. Make sure it is securely installed and is acceptable for fan support of 35 lbs(15.9kgs).

NOTE: Do not mount directly to sheet rock or ceiling tiles.

Option B: Use wood screws and washers(included) when securing the mounting bracket to the ceiling joist or support structure with an approved fan-rated electrical box.If not mount to ceiling outlet box, use wood screws and flat washers and mount securely to the ceiling beam.

NOTE: The mounting screws provided are for use with wooden structures only. For structures other than wood, the appropriate screws must be used.



DOWNROD/ BALL ASSEMBLY

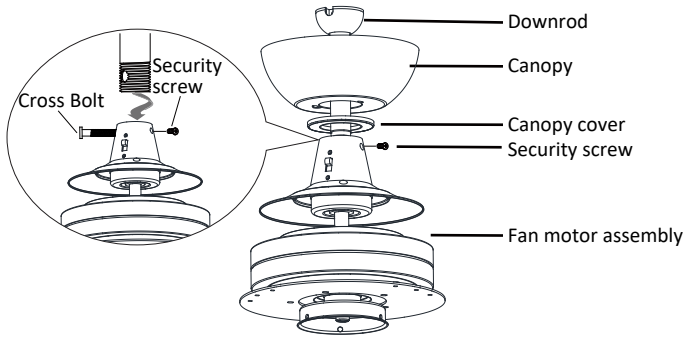
Locate downrod assembly.

Remove cross bolt and loosen security screw on fan motor assembly.

Put canopy cover and ceiling canopy in between the downrod and ball.

Feed ceiling fan lead wires through downrod. Thread downrod into the top of the fan motor coupling until holes for downrod cross-bolt align with holes in coupling.

NOTE: Make sure wires do not get twisted. Insert downrod cross bolt through coupling and downrod, secure by tightening cross bolt and security screw.

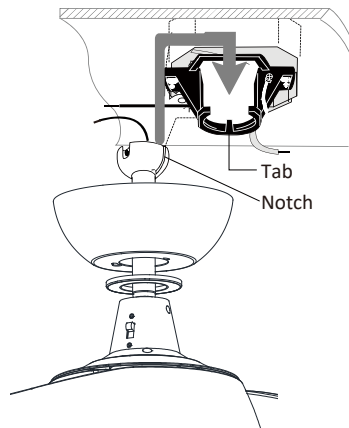


HANGING THE MOTOR ASSEMBLY

Carefully lift the fan motor assembly onto the mounting bracket that was attached to the outlet box.

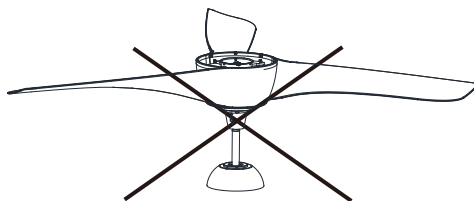
Turn the entire assembly until the check tab(stopper of the mounting bracket) dropped into the notch of the downrod ball and seats firmly.

NOTE: The entire fan motor assembly should not rotate when seated properly.



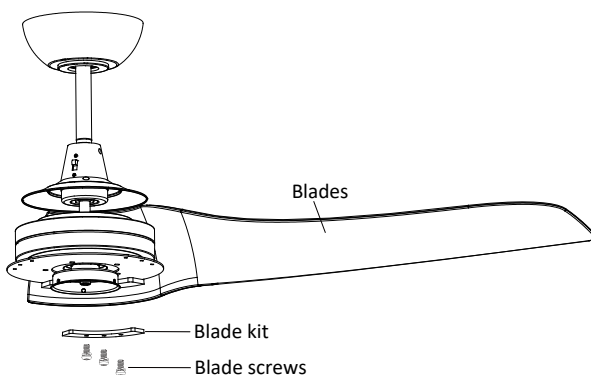
WARNING

DO not place fan on a flat surface once the blades are installed to the motor. This will cause the blades to become unbalanced and result in wobbling fan.



BLADE INSTALLATION

Align the holes of the blade to the blade kit and fan motor assembly. Secure the each blade with 3 blade screws and blade kit provided, make sure 3 blade screws are tightened evenly. Do not over tighten the screws as this could damage the blade. Repeat this process for remaining blades.



MAKING ELECTRICAL CONNECTIONS

IMPORTANT POINTS TO REMEMBER: Read carefully before attempting to install this electrical device and retain the instruction for future reference.

1. Please note that all fixed wiring appliances should be installed by a qualified electrician.
2. To avoid possible electrical shock, be sure electricity is turned off at the main fuse box or circuit breaker panel before wiring.
3. Do not mount wall control near producing equipment.
4. Use of this control with some ceiling fans could result in fire, shock and serious personal injury. Use this speed control only with capacitor speed controlled ceiling fans.
5. Make certain no bare wires are exposed outside the connectors.
6. This unit is to be used for the control of ceiling fans at AC120V 60Hz power supply only.

INSTALLATION INSTRUCTIONS: Disconnect the power and remove the existing wall plate and switch.

1. Set all knobs on the dual slide wall-mounted control in the OFF position.
 2. Installation of this control requires that a three-conductor cable with ground wires be run between the control wall box and the ceiling fan outlet box. (Figure 1)
 3. Make wire connections and secure with wire nuts supplied, refer to Figure 2.
- * Connect BLACK wire from AC power supply to BLACK / WHITE wire from the wall-mounted control.
 - * Connect BLACK wire from the ceiling fan to BLACK wire from the wall-mounted control.
 - * Connect BLUE wire from the ceiling fan to BLUE wire from the wall-mounted control.
4. Secure the wall-mounted control to the outlet box with two screws provided. (Figure 3)
 5. Secure the face plate over the wall control with two screws provided.
 6. Quick ON/OFF switching changes the light color temperature, with adjustable 5CCT options.

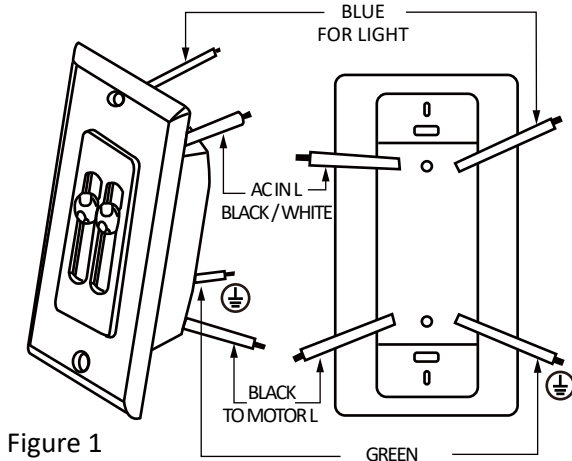


Figure 1

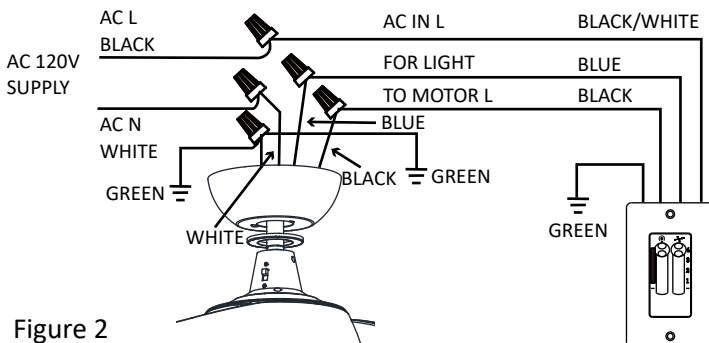


Figure 2

NOTE

If your ceiling fan would be used with the original pull chain switch, please always have the fan switch set to high speed and the light switch set to ON position before using the wall control. To avoid accidental pull chain use, shorten chain by cutting it 1" below switch body.

FUNCTION

Fan switch:

- : POWER OFF

1 : HIGH SPEED

2 : MEDIUM SPEED

3 : LOW SPEED

4 : L. LOW SPEED

Light switch

- : POWER OFF

When you push the knob upward slowly, the lightness of light will turn brighter and brighter.

When you slide the knob up and down quickly, the color temperature of the light will change.

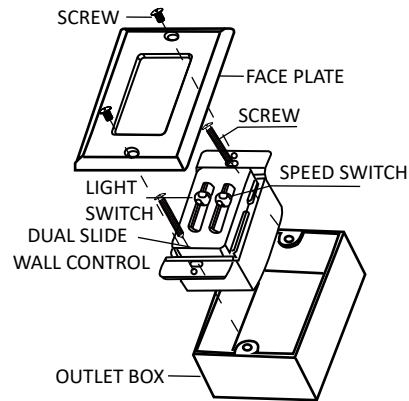


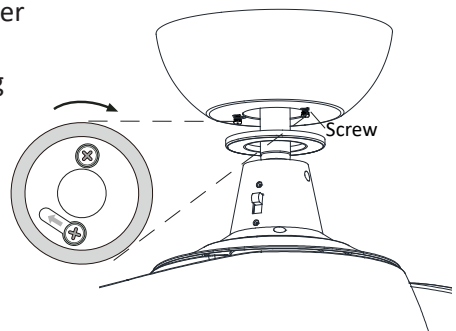
Figure 3

INSTALLING THE CANOPY

Remove 1 of the 2 screws from the bottom of the mounting bracket and loosen the other one half a turn from the screw head.

Slide the canopy up towards the mounting bracket and place the key hole on the canopy over the screw on the mounting bracket, turn canopy until it locks in place at the narrow section of the key holes.

Align the circular hole on canopy with the remaining hole on the mounting bracket, secure by tightening the two set screws.



NOTE: Adjust the canopy screws as necessary until the canopy and canopy cover are snug.

INSTALLING THE LIGHT KIT

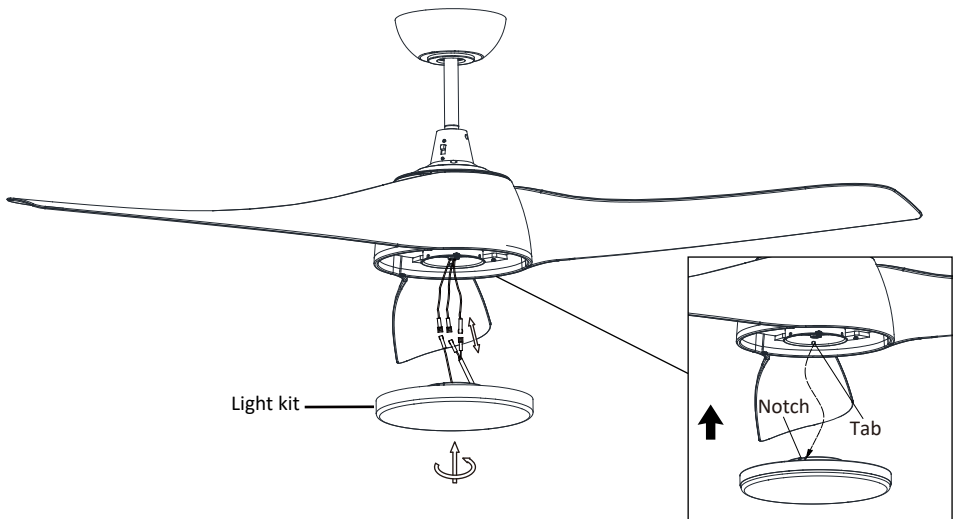
While holding the light kit under your fan, make the polarized plug connections:

- White to white;
- Blue to black;
- Green to Green

Carefully lift the light kit and align the notches in the light kit with the tabs in the fan.

Raise the light kit against the fan and turn clockwise until snug.

NOTE: If you do not plan to install the light kit with your fan at this time, don't make the wire connections.

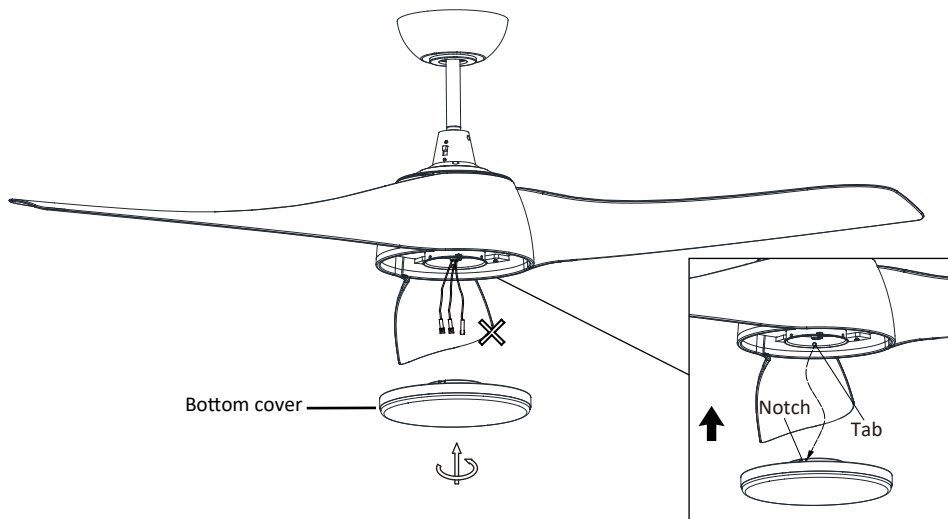


INSTALLING THE BOTTOM COVER

While holding the light kit under your fan , don't make the wire connections. Carefully lift the bottom cover and align the notches in the bottom cover with the tabs in the fan.

Attach the bottom cover by turning clockwise until it stops.

NOTE: Check to ensure proper engagement.



OPERATING YOUR FAN

Your ceiling fan can operate either in summer or winter mode.

A slide reverse switch located on the switch housing controls the direction of blade rotation.

The up position sets the blades in REVERSE rotation.

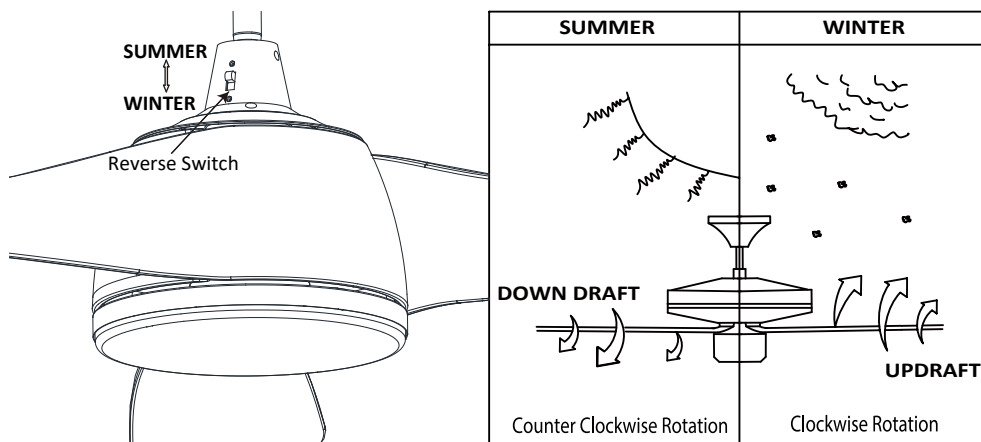
The down position sets the blades in FORWARD rotation.

SUMMER Mode: The reverse switch shall be in the "down" (SUMMER) position to make the fan rotate in an anticlockwise direction. The airflow will be directed downwards, for cooling in summer.

WINTER Mode: The reverse switch shall be in the "up" (WINTER) position to make the fan rotate in a clockwise direction. The airflow will be directed upwards assisting in the circulation of warm air, for energy conservation in winter.

Warning: Turn fan completely off before changing the setting of the slide reverse switch.

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



Turn on the power and check the operation of your fan.

CAUTION: Even if the fan is mounted with a minimum of 7 ft clearance from the trailing edge of the blade to the floor, be careful to avoid raising your arms or inserting foreign objects in between rotating fan blades

TROUBLESHOOTING

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

Problem	Solutions
Fan will not start.	-Check circuit fuses or breakers. -Check line wire connections to the fan and switch wire connections in the switch housing.
Fan sounds noisy.	-Make sure all motor housing screws are snug. -Make sure the screws that attach the fan blade bracket to the motor hub is tight. -Make sure wire nut connections are not rubbing against each other or the interior wall of the switch housing. -Allow a 24-hour "breaking-in" period. Most noise associated with a new fan disappear during this time. -If using an optional light kit, make sure the screws securing the glassware are tight. Check that light kit is also secure. -Some fan motors are sensitive to signals from solid-state variable speed controls. -If you have installed this type of control, choose and install another type of control. Make sure the upper canopy is a short distance from the ceiling. It should not touch the ceiling.
Fan wobbles	-Check that all blade and blade arm screws are secure. -Most fan wobbling problems are caused when blade levels are unequal. Check this level by selecting a point on the ceiling above the tip of one of the blades. Measure this distance. Rotate the fan until the next blade is positioned for measurement. Repeat for each blade. The distance deviation should be equal within 1/8". -Use the enclosed Blade Balancing Kit if the blade wobble is still noticeable. -If the blade wobble is still noticeable, interchanging two adjacent (side by side) blades can redistribute the weight and possibly result in smoother operation.

CARE OF YOUR FAN

Here are some suggestions to help you maintain your fan.

1. 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 fan from ceiling.)
2. Clean your fan periodically to help maintain its new appearance over the years. 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. Do not use water when cleaning. This could damage the motor, or the wood, or possibly cause an electrical shock.
3. You can apply a light coat of furniture polish to the wood blades for additional protection and enhanced beauty. Cover small scratches with a light application of shoe polish.
4. There is no need to oil your fan. The motor has permanently lubricated bearings.



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