

Ceiling Fan

Installation Guide

Read and Save These Instructions

For Models: 1102LED

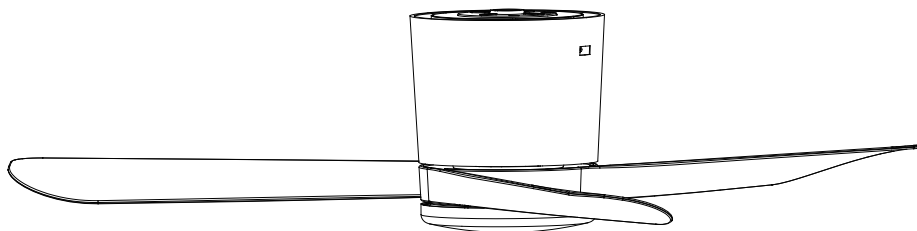


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1102LED

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.

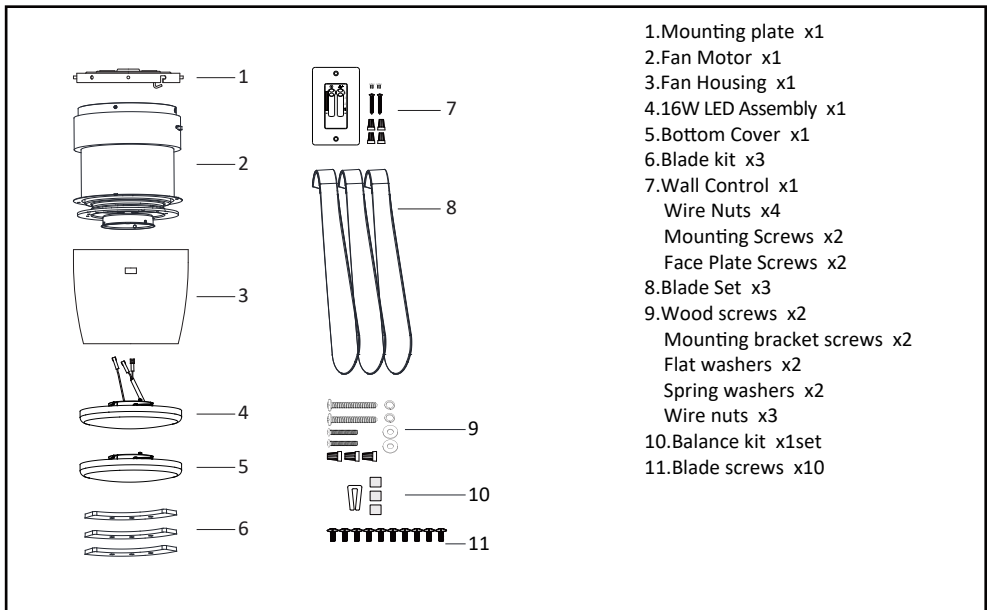
6.Electrical diagrams are for reference only. Light kits are not packed with the fan must be UL or ETL listed and marked suitable for use with the fan you are installing. Choose fan and light switches must be UL or ETL general use. Refer to the instructions packaged with the light kits and switches for 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 Bend The Blade Brackets When Installing The Brackets, Balancing The Balancing The Blades Or Cleaning The Fan. Do Not Insert Foreign Objects In 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

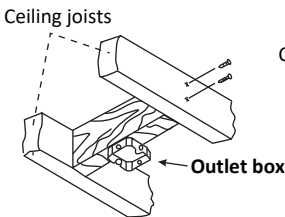


Fig.2

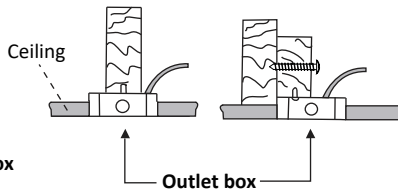
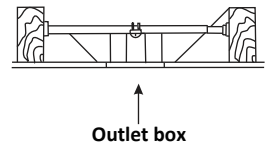


Fig.3



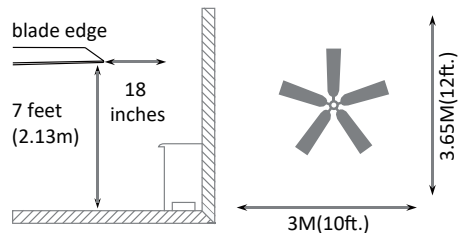
WARNING

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.

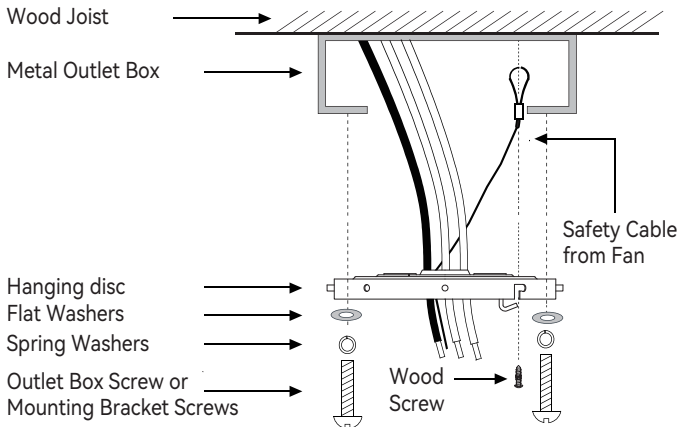
Fig.4



INSTALLING THE MOUNTING PLATE

CAUTION: To avoid possible electrical shock, be sure electricity is turned off at the main power box before wiring. All wiring must be in accordance with National and Local Electrical Codes and the ceiling fan must be grounded as a precaution against possible electric shock.

1. Locate ceiling joist where fan is to be mounted, being sure location agrees with the requirements in the minimum clearance section of this guide. Wood joist must be sound and of adequate size to support 35 lbs. (See Page 1, Items 3 and 4).
2. If not already present, mount a UL listed outlet box marked "suitable for fan support" following the instructions provided with the outlet box. The outlet box must be able to support a minimum of 35 pounds.
3. Attach mounting plate to outlet box using screws provided with the outlet box.



HANGING THE FAN

REMEMBER to turn off the power. Follow the steps below to hang your fan properly.

Carefully lift fan motor assembly (without the blades) into position by hanging the motor assembly onto the hook from the ceiling adapter plate allowing it to hang freely. (Fig. 1)

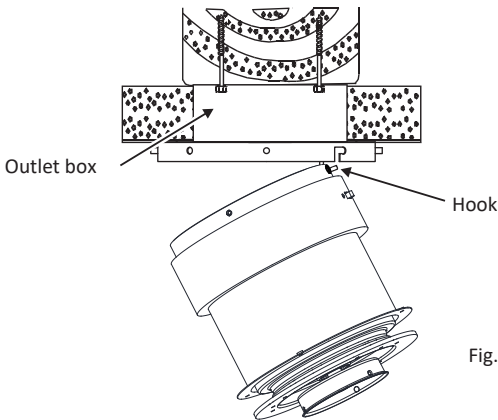


Fig. 1

INSTALLATION OF SAFETY CABLE SUPPORT

Attach the wood screw and the flat washer to the ceiling joist as shown (do not fully tighten). Slide the cable clamp onto the safety cable from the fan. Loop the safety cable around the wood screw that was just attached to ceiling joist. Feed the end of the cable into the clamp and pull as much cable through as possible. Firmly tighten screw in the clamp. Cut off excess cable. (Fig. 2)

You are now ready to make the electrical connections.

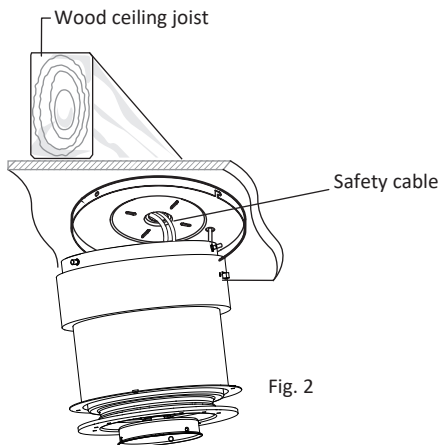


Fig. 2

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.

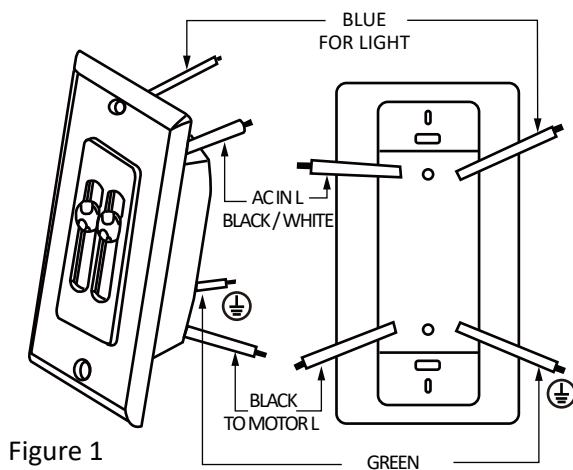


Figure 1

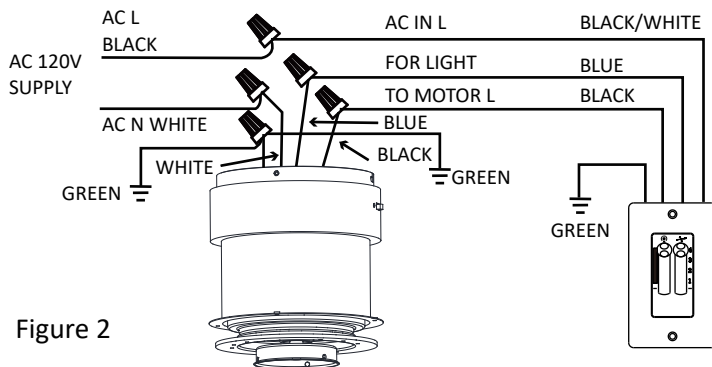


Figure 2

FINISHING THE INSTALLATION

1. Remove two mounting plate screws (For O-shape slot on fan motor to be mounting plate mounted) and loosen two mounting plate screws (For L-shape slot on mounting plate to be Fan motor mounted) from the fan motor.
2. Move fan into position over the mounting plate and secure with the 4 screws provided. (Fig. 1)
3. Raise up motor housing and line up the 4 slots on the fan motor with the 4 tabs on the motor housing. Once lined up, slide the motor housing and secure it to the top of the fan motor until snug.

NOTE: make sure the reverse switch align with reserved hole of housing .(Fig.2)

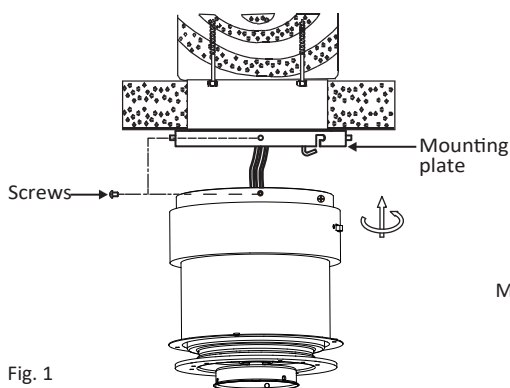


Fig. 1

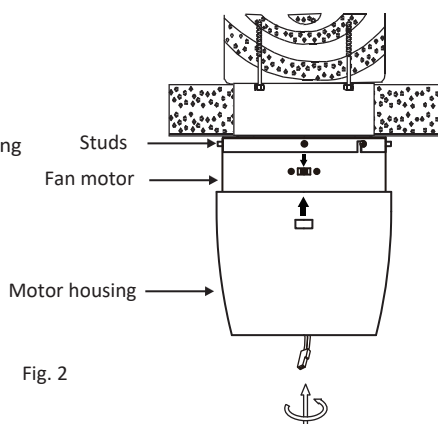
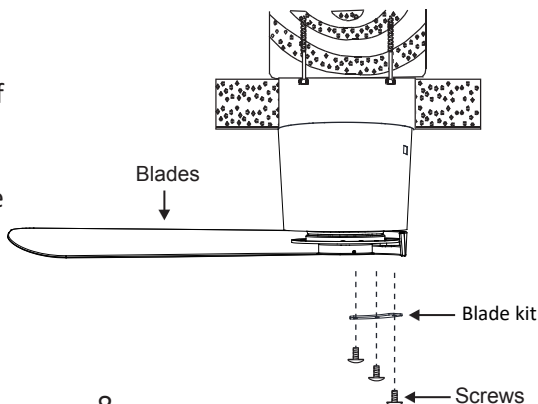


Fig. 2

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.

Note: Cordless power screwdrivers are NOT recommended, as they usually strip the heads of the screws and usually will not fully compress the lock washers on the motor screws. Use a large flat blade screwdriver for final tightening to fully compress the washers. This will help ensure proper alignment of the blades and noise-free, wobble-free running.



INSTALLING THE LED ASSEMBLY AND BOTTOM COVER

WARNING: Before starting installation, disconnect the power by turning off the circuit breaker or removing the fuse at fuse box. Turning power off using the fan switch is not sufficient to prevent electric shock

1. While holding the LED assembly under your fan, make the polarize plug connections: (Fig. 1)

- White to white
- Blue to blue
- Black to black

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

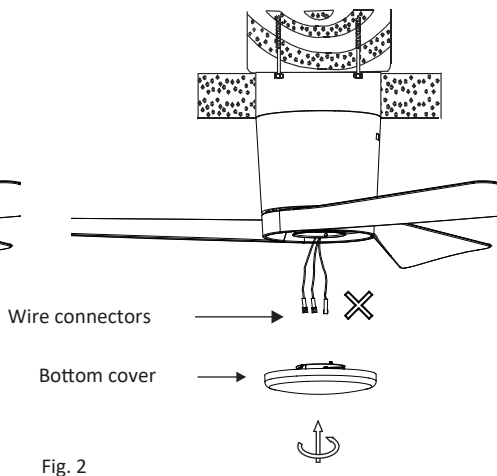
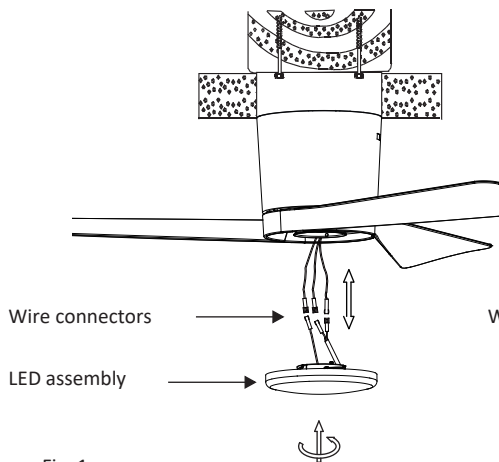
2. Raise the LED assembly against the fan and turn clockwise until securely tightened, DO NOT OVERTIGHTEN. (Fig. 1)

3. Restore power and your LED assembly is ready for operation.

NOTE: FOR NO- LIGHT KIT INSTALLATION(OPTIONAL)

4. While holding the bottom cover under your fan, don't make the wire connections. (Fig. 2)

5. Raise the bottom cover against the fan and turn clockwise until securely tightened, DO NOT OVERTIGHTEN. (Fig. 2)



INSTALLING THE WALL CONTROL

REMEMBER to turn off the power before you begin.

Please note that all fixed wiring appliances should be installed by a qualified electrician.

1. To avoid possible electrical shock, be sure electricity is turned off at the main fuse box or circuit breaker panel before wiring.
2. Do not mount wall control near producing equipment.
3. 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.
4. Make certain no bare wires are exposed outside the connectors.
5. 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.

6. Set all knobs on the dual slide wall-mounted control in the OFF position.
7. 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. (Fig. 1)
8. Secure the wall-mounted control to the outlet box with two screws provided. (- Fig. 2)
9. Secure the face plate over the wall control with two screws provided.

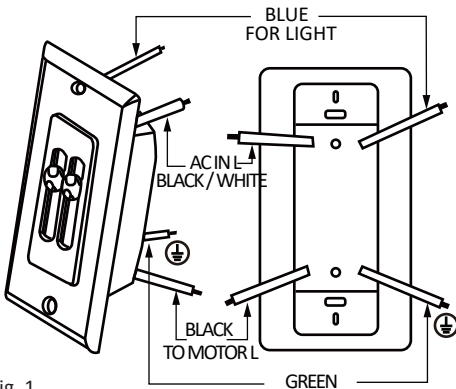


Fig. 1

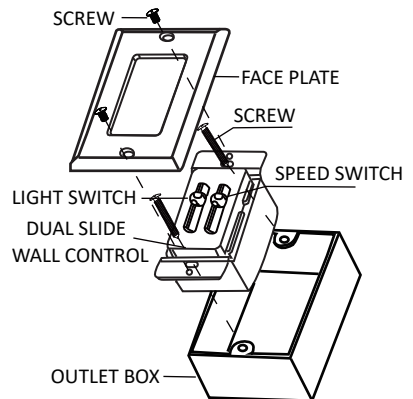


Fig. 2

OPERATION

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.

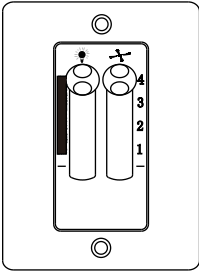


Fig. 1

Summer Mode and Winter Mode Operation

1. **IMPORTANT:** To prevent damage or cause injury, be sure that fan is switched to off and blades have stopped moving completely before attempting to change direction of rotation.

2. The reverse switch is located on the side of the motor housing. Slide the switch to the right for winter mode operation. Slide the switch to the left for summer mode operation. Make sure switch is not stuck between forward and reverse positions.

3. Summer Mode (forward):

A DOWNWARD airflow creates a cooling effect as shown in Figure 2. This allows you to set your air conditioner on a warmer setting without affecting your comfort.

4. Winter Mode (Reverse):

An UPWARD airflow moves warmer air off the ceiling area as shown in Figure 3. This allows you to set your heating unit on a cooler setting without affecting your comfort.

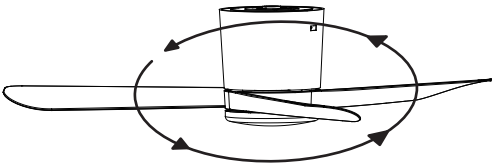


Fig. 2
SUMMER MODE
(COUNTERCLOCKWISE DIRECTION)

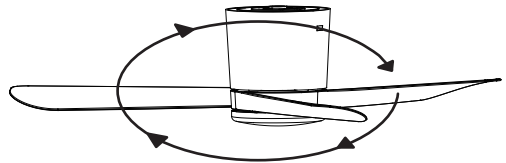


Fig. 3
WINTER MODE
(CLOCKWISE DIRECTION)

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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