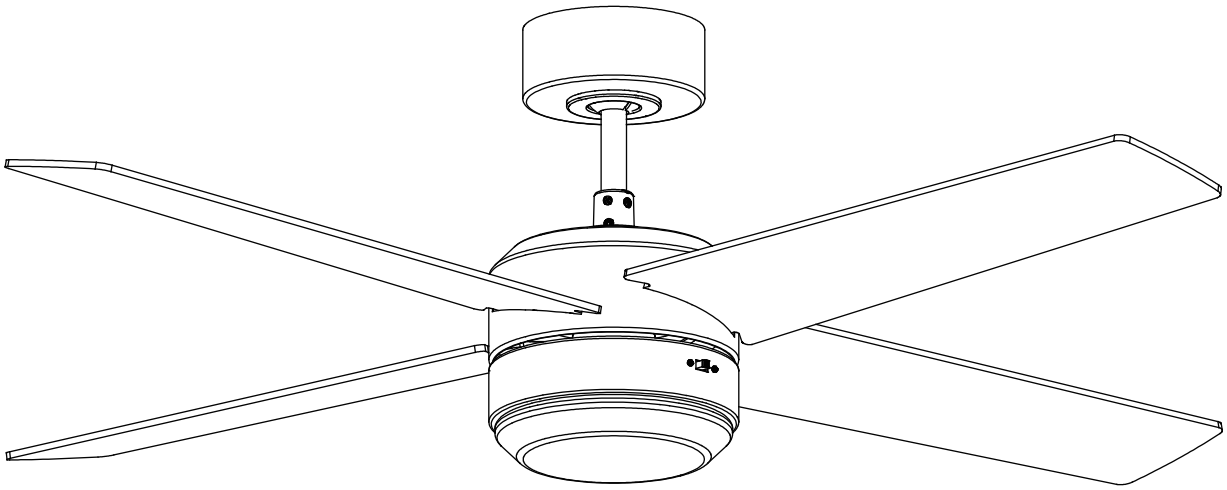
GENERATION LIGHTING

FAN COLLECTION

4LNIR52XXXD Series Fan

CUL Model NO. : 4LNIR52XXXD

Total fan weight with light: 6.7 kg/14.74 lbs



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Visual Comfort & Co. reserves the right to change specifications for product improvements without notification.

VISUAL COMFORT & CO.

www.visualcomfort.com

Cautions and Warnings

WARNING: TO REDUCE THE RISK OF FIRE, ELECTRIC SHOCK, OR INJURY TO PERSONS, OBSERVE THE FOLLOWING
READ AND SAVE THESE INSTRUCTIONS

Installation work and electrical wiring must be done by qualified person(s) in accordance with applicable codes and standards (ANSI/NFPA 70) including fire-rated construction.

Use this unit only in the manner intended by the manufacturer. If you have any questions contact the manufacturer.

After making the wire connections, 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. The splices, after being made, should be turned upward and pushed carefully up into the outlet box.

WARNING: Before you begin installing the fan, servicing or cleaning unit, Switch power off at Service panel and lock service disconnecting means to prevent power from being switched on accidentally. When the service disconnecting means cannot be locked, securely fasten a prominent warning device, such as a tag, to the service panel.

Be cautious! Read all instructions and safety information before installing your new fan. Review the accompanying assembly diagrams.

When cutting or drilling into wall or ceiling, do not damage electrical wiring and other hidden utilities.

Make sure the installation site you choose allows the fan blades to rotate without any obstructions. Allow a minimum clearance of 7 feet (2.1 m) from the floor to the trailing edge of the blade.

WARNING: To Reduce The Risk Of Fire, Electric Shock, or Personal Injury, Mount To Outlet Box Marked “Acceptable for Fan Support of 15.9 kg (35 lbs) or less” And Use Mounting Screws Provided With The Outlet Box.

CAUTION: For Compliance with Local Codes and Regulations, If Installing The Secondary Support Safety Cable in the U.S., Do Not Remove Knockouts In The Outlet Box. Mount the secondary support safety cable through the reserved nail/screw hole on the outlet box to the building structure (or the ceiling joist).

WARNING: To reduce the risk of personal injury, do not bend blade holders during installation to motor, balancing or during cleaning. Do not insert foreign object between rotating blades.

Attach the mounting bracket using only the hardware supplied with the outlet box.

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

If this unit is to be installed over a tub or shower, it must be marked as appropriate for the application.

Never place a switch where it can be reached from a tub or shower.

The combustion airflow needed for safe operation of fuel-burning equipment may be affected by this unit’s operation. Follow the heating equipment manufacturer’s guideline safety standards such as those published by the National Fire Protection Association (NFPA), and the American Society for Heating, Refrigeration and Air Conditioning Engineers (ASHRAE) and the local code authorities.

CAUTION: To Reduce the Risk of Electric Shock, Disconnect the electrical supply circuit to the fan before installing the light kit.

WARNING: If unusual oscillating movement is observed, immediately stop using the ceiling fan and contact the manufacturer, its service agent or suitably qualified persons.

WARNING: The replacement of parts of the safety suspension system device shall be performed by the manufacturer, its service agent or suitably qualified persons.

CAUTION: The mounting of the suspension system shall be performed by the manufacturer, its service agent or suitably qualified persons.

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).

Note: The appliance is not to be used by persons (including children) with reduced physical, sensory or mental capabilities, or lack of experience and knowledge, unless they have been given supervision or instruction. Children should be supervised to ensure that they do not play with the appliance.

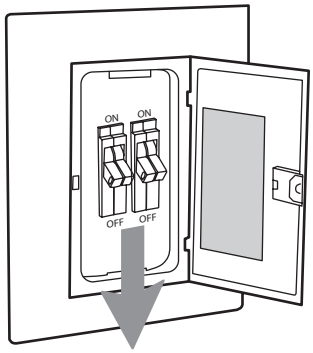
All set screws must be checked and tightened where necessary before installation.

Tools Required for Assembly (not included): Electrical Tape, Phillips Screwdriver, Pliers, Safety Glasses, Stepladder and Wire Strippers

Customer Service
800-969-3347

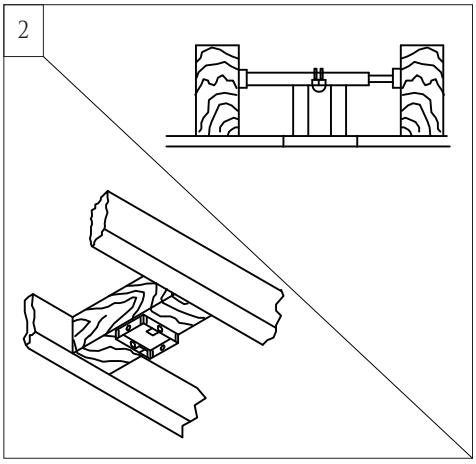
Customer Service Center
7400 Linder Ave.
Skokie, IL 60077
www.visualcomfort.com

1



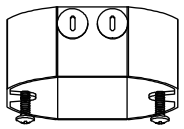
Before you begin installing the fan, Switch power off at Service panel and lock service disconnecting means to prevent power from being switched on accidentally. When the service disconnecting means cannot be locked, securely fasten a warning device, such as a tag, to the service panel.
Use AC 120V/60HZ power supply only.

2



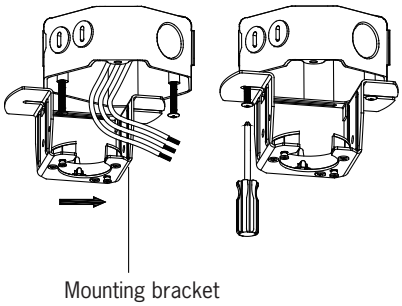
Before installing this fan make sure the outlet box is properly installed to the house structure. To reduce the risk of fire, electric shock, or personal injury, mount to outlet box or supporting system acceptable for fan support.
(Mounting must support at least 35 lbs.)

3



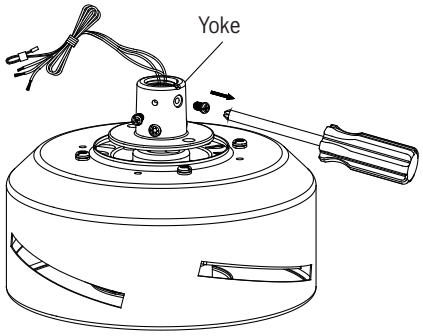
Use metal outlet box suitable for fan support and use only the screws provided with the outlet box (must support 35 lbs). Before attaching fan to outlet box, ensure the outlet box is securely fastened by at least two points to a structural ceiling member (a loose box will cause the fan to wobble).

4



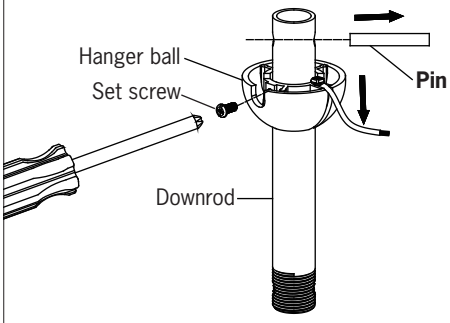
Install the mounting bracket onto the outlet box.
Partially loosen the two screws on the outlet box, attach the mounting bracket onto the outlet box by sliding it over the two screws as shown in the illustration. Have the mounting bracket in position and tighten the set screws.

5



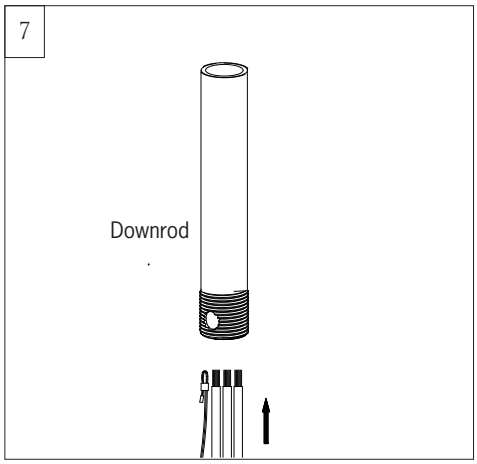
Remove downrod set screws from the yoke on top of motor assembly. Keep the screws.

6



Remove hanger ball from downrod by loosing the set screw and removing the pin as shown in illustration. Keep parts.

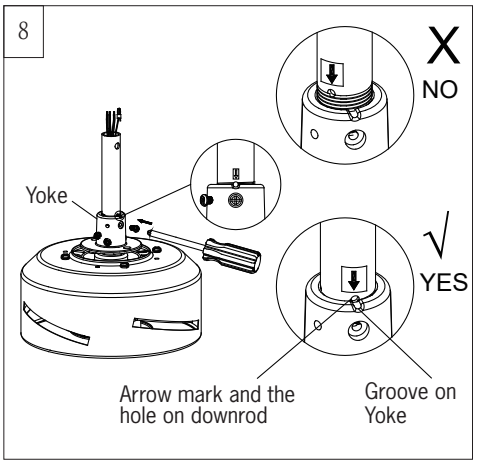
7



Thread lead wires and safety cable from motor assembly through downrod.

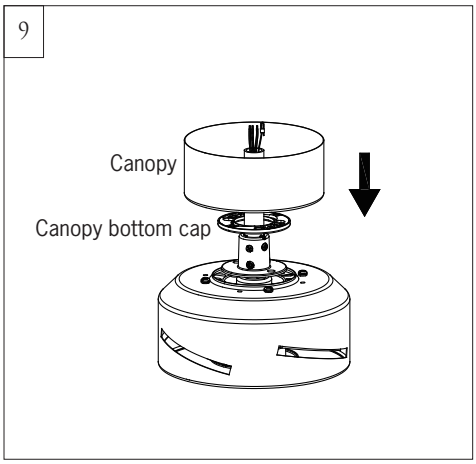
Note: If install an extension downrod (it is not provided) on the fan. Refer to the next installation step and align the hole on extension downrod with the groove on the yoke. Adjust a little to level a large hole on downrod at the countersunk hole on the yoke may be necessary.

8



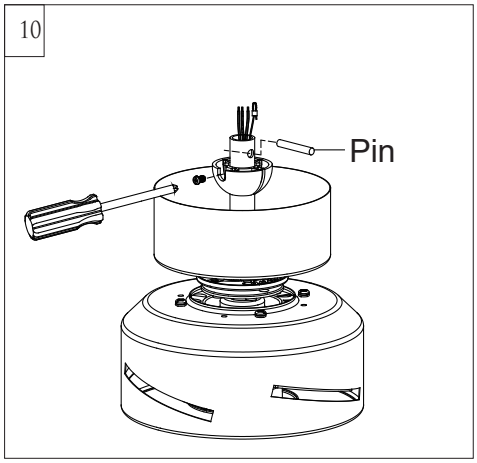
Spin the downrod into the yoke on top of fan until the hole with the arrow mark on downrod is close and aligned with the groove on top edge of the yoke, and then reinstall the screws securely.
Warning: The set screw in the countersunk hole must fit through the wall of the downrod. The screw head should be recessed (or partial recessed) in the countersunk hole.
Caution: To avoid damaging lead wires from downrod installation, make sure the lead wires and safety cable are not twisted when installing the downrod.

9



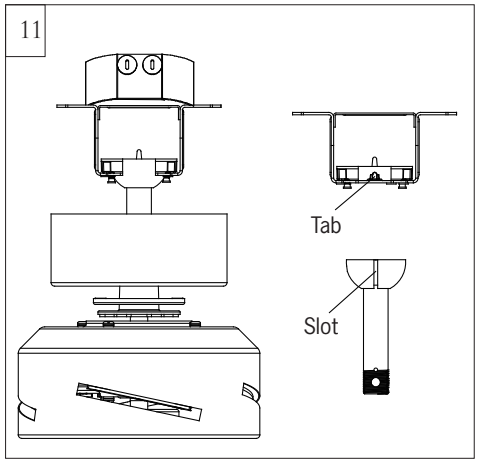
Place canopy bottom cap and canopy over lead wires, safety cable and downrod.

10



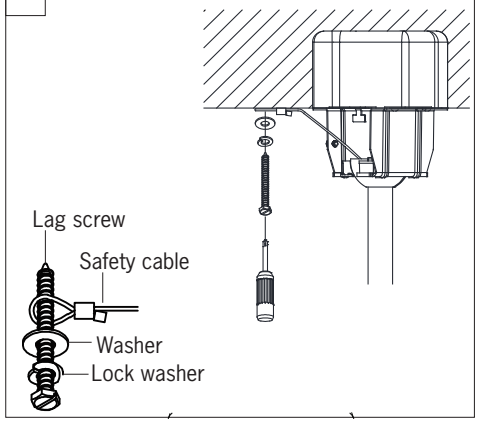
Replace the hanger ball with pin and set screw. Tighten it securely.
Warning: Make sure the **pin** is installed well on hanger ball with downrod.

11



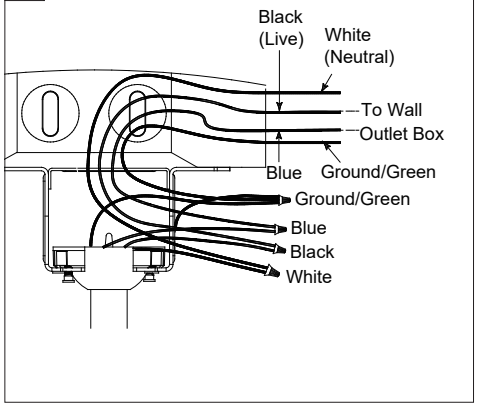
Install ball end of downrod into mounting bracket opening. Align (engage) slot on ball with tab on mounting bracket.
Warning: Failure to align slot on ball with tab may result in serious injury.
Important: If using the angle mount, make sure open end of mounting bracket is installed facing the higher point of the ceiling and make sure the ceiling angle is not steeper than 20º. Longer downrod may be necessary allowing the fan blades to rotate without obstructions.

12 SAFETY CABLE INSTALLATION



For Canadian installation and for USA fan and light kit combinations over 35 lbs, in both flush and downrod modes the safety cable must be installed into the house structure beams using 3" lag screws, washers and lock washers provided. Make sure that when the safety cable is fully extended the lead wires are longer than the cable and no stress is placed on the lead wires.
Note: If Installing The Secondary Support Safety Cable in the U.S., Do Not Remove Knockouts In The Outlet Box.

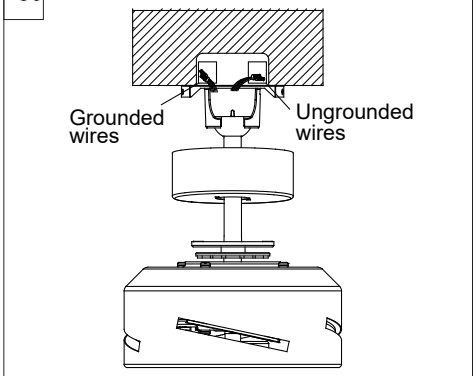
13



Refer to page 7 for wiring, installation and operation of Wall controller. Do not operate the fan or light until it is installed completely.

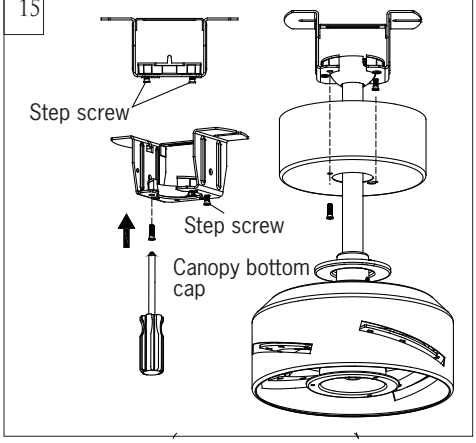
Caution: For supply connections, use wires suitable for at least 75°C (167°F).

14



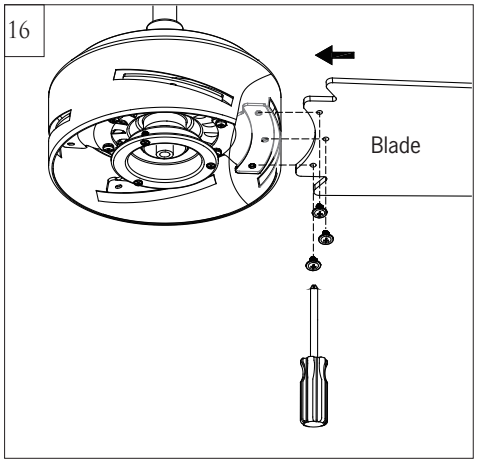
After making the wire connections, the wires should be spread apart with the grounded conductor and the equipment-grounding conductor on one side of the outlet box and ungrounded conductor on the other side of the outlet box. The splices after being made should be turned upward and pushed carefully up into the outlet box.

15



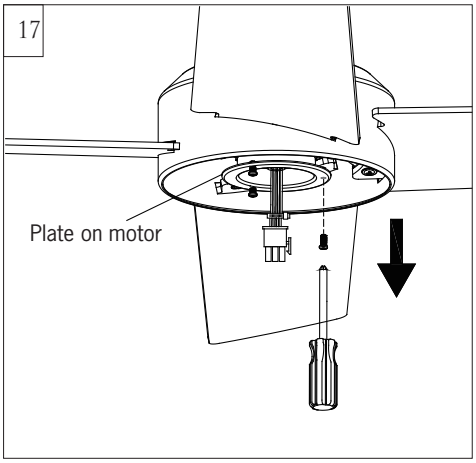
Partially loosen one and remove one preassembled step screw from mounting bracket (Do not remove the other set screws). Save the screw.
Lift canopy up, aligning its keyhole slot with the preassembled step screw on mounting bracket and twist clockwise to lock in place. Reinstall the other step screw and tighten the screws securely.
Attach canopy bottom cap onto canopy by aligning its holes with the step screws on mounting bracket and fix it with the magnet embraced in the cap.

16



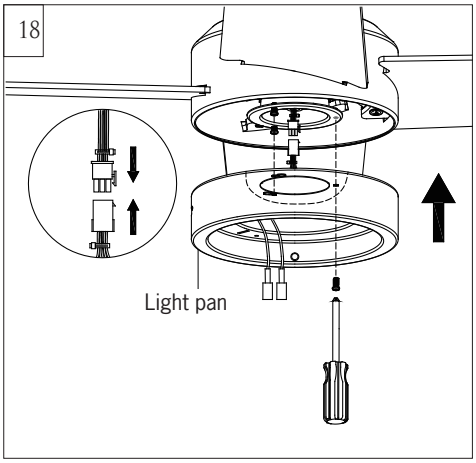
Insert blade into the slot on flywheel. Install blade with screws and fiber washers provided, aligning each of the holes as shown and tighten all screws securely. Repeat this process for remaining blades.

17

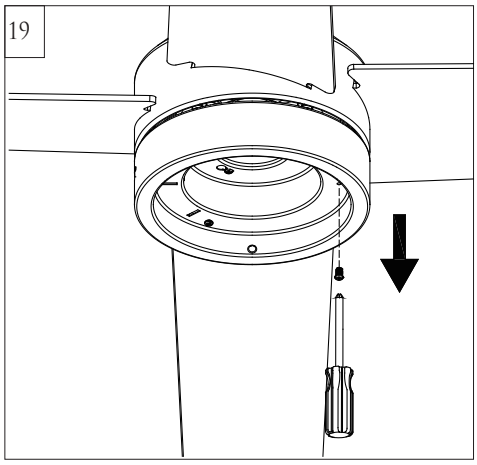


Loosen 2 and remove 1 preassembled screw from the plate on motor. Save screw for later use.

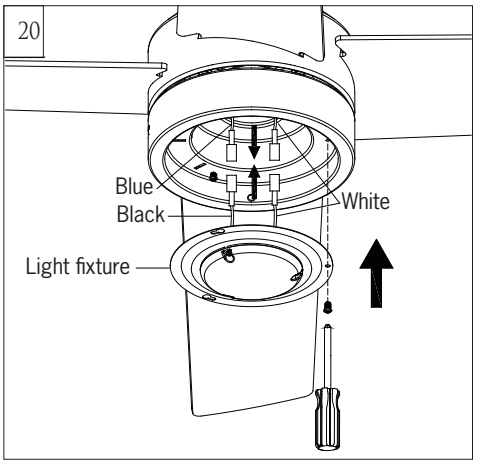
18



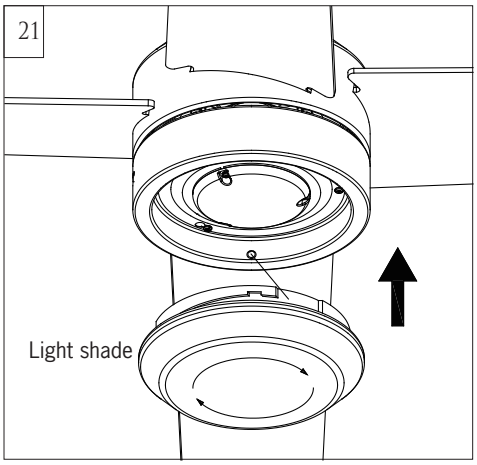
Connect the quick connector from fan to the quick connector from switch house (light pan). Be sure they are clasped together firmly.
Place light pan over the lead wires and attach it onto the plate on motor, aligning the keyhole slots on the light pan with the preassembled screws on the plate. Twist clockwise till lock.
Reinstall the screw removed in step 17. Tighten all screws securely.



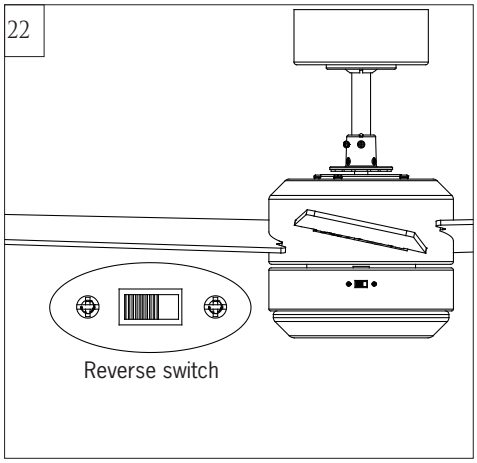
Loosen 2 and remove 1 preassembled screw from light pan. Save screw for later use.



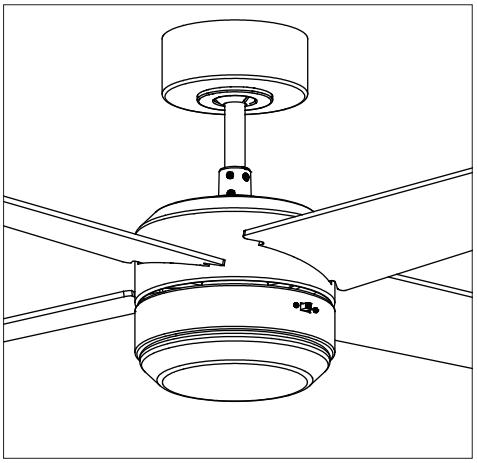
Connect white wire from fan to white wire from light fixture and then connect blue (or black) wire from fan to black (or blue) wire from light fixture.
Attach light fixture onto the light pan, aligning the keyhole slots on the LED light fixture with the preassembled screws on the light pan. Twist clockwise till lock.
Reinstall the screw removed in step 19.
Tighten all screws securely.



Attach light shade by locating dimples in light pan with grooves on the light shade and twist clockwise until tight.



Setting the reverse switch in the left hand side will result in downward airflow and setting the switch in the right hand side will result in upward airflow.
Note: Reverse switch must be set either way completely. If the reverse switch is set in the middle position, fan will not operate.



Wall Control Wiring, Installation and Operation

Warning: Before proceeding, be sure to shut off electricity at main switch or circuit breaker in order to avoid electrical shock.

Note: Before installing the wall transmitter, place it in OFF position. (Fig.2)

Make series-wound connection for the wall controller with HOT wire from house and lead wires from fan.

Connect the black/white wire marked “AC IN L” from wall controller to the HOT wire from house and then connect the black wire marked “TO MOTOR L” of wall controller to the fan lead wire from fan in outlet box. Connect the blue wire marked “FOR LIGHT” from wall controller to the light lead wire from fan (fan with light)

Connect green/yellow grounded wire to grounded wire from outlet box.

Install the wall controller to outlet box using machine screws provided.

Attach wall plate to wall control unit with screws provided. (Fig.1)

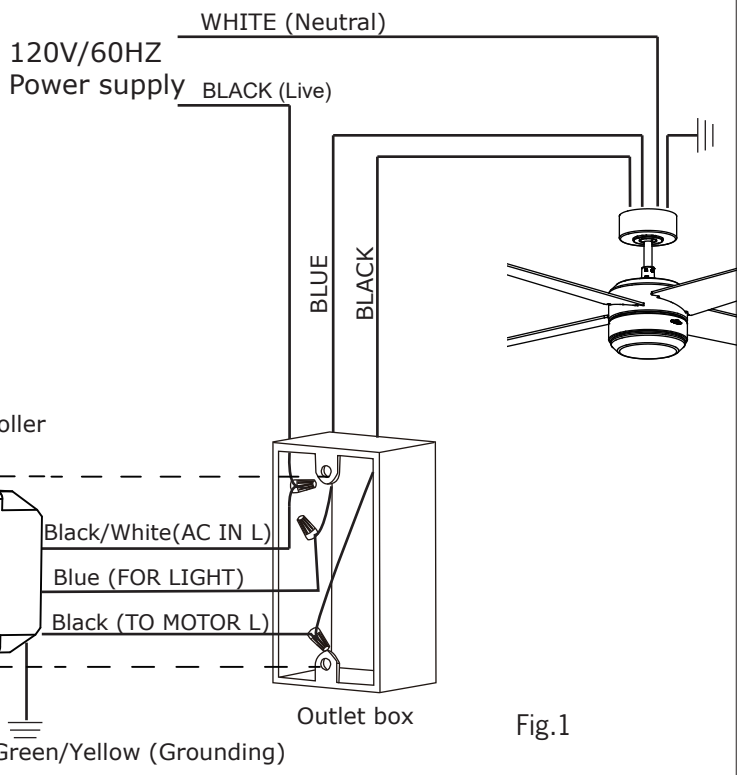


Fig.1

Operation

This wall controller provides 4 fan speeds, light on/off and light dimming control.(Fig.2)

1 - High - , 2 - Medium high , 3 - Medium , 4 - Low , - Off.

Light on/off and dimming.

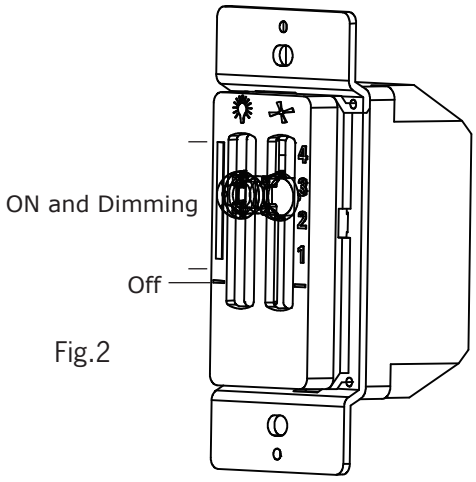


Fig.2

Troubleshooting

If you have difficulty operating your new ceiling fan, it may be the result of incorrect assembly, installation, or wiring. In some cases, these installation errors may be mistaken for defects. If you experience any faults, please check this Troubleshooting Chart. If a problem cannot be remedied, or you are experiencing difficulty in installation, please call our Customer Service Center at the number printed on your parts list insert sheet.

Warning: Before you begin installing, servicing or cleaning the fan unit, switch the power off at the service panel and lock the service panel to prevent the power from being switched back on accidentally. If the service panel cannot be locked to prevent the power from being switched on accidentally, securely fasten a warning sign to the service panel.

Trouble	Suggested Remedy
1. If fan does not start:	1. Check main and branch circuit fuses or circuit breakers. 2. Check line wire connections to fan and switch wire connections in switch housing. **CAUTION**: Make sure main power is turned off. 3. If this fan uses manual forward/reverse switch, make sure the switch is pushed firmly either way. Fan will not operate when switch is in the middle. 4. If this fan uses a remote controller, make sure dip switches are in the correct setting and make sure the battery works.
2. If fan sounds noisy:	1. Check to make sure all screws in motor housing are snug (not over tightened). 2. Check to make sure the screws which attach the fan blade holder to the motor are tight. 3. Check to make sure wire nut connectors in switch housing are not rattling against each other or against the interior wall of the switch housing. **CAUTION**: Make sure main power is turned off before entering switch housing. 4. Check to be sure lightbulb is tight in socket and not touching the glass shade. 5. Some fan motors are sensitive to signals from Solid State variable speed controls. 6. Allow "break-in" period of 24 hours. Most noises associated with a new fan will disappear after this period.
3. If fan wobbles:	1. If this is a downrod mount fan, make sure the ridge on mounting bracket engages the notch in the downrod ball. 2. Make sure that canopy, mounting bracket or mounting plate are tightened securely to ceiling junction box and junction box is mounted firmly to ceiling joist. 3. Check that all blades are screwed firmly into blade holders. 4. Check that all blade holders are tightened securely to motor. 5. 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 this distance from blade tip to ceiling. Keeping measure within 1/8", rotate the fan until the next blade is positioned for measurement. Repeat for each blade. If all blade levels are not equal, you can adjust blade levels by the following procedure. To adjust a blade tip down, insert a washer (not supplied) between the blade and blade holder at the screw closest to the motor. To adjust a blade tip up, insert washer (not supplied) between the blade and blade holder at the two screws farthest from the motor. Reverse the position of the washer if blades mount from top of blade. 6. If blade wobble is still noticeable, interchanging two adjacent blades can redistribute the weight and possibly result in smoother operation. If the above steps do not eliminate the wobble problem, you will need to dynamically balance your fan with balancing kit provided.
4. If light does not work:	1. Check blue wire from fan to make sure it is connected to hot wire from house. 2. Check for loose or disconnected wires in fan switch housing. 3. Check for loose or disconnected wires in light kit. 4. Check for faulty lightbulb and make sure bulb is tight in socket. 5. Remove light kit and check the plug connections if they are present. 6. If this fan uses a remote controller, make sure dip switches are in the correct setting and make sure the battery works. **CAUTION**: Make sure main power is turned off before entering switch housing and/or canopy.

Sep.2025 GL
Nov.2025 update UL mark