GENERATION LIGHTING

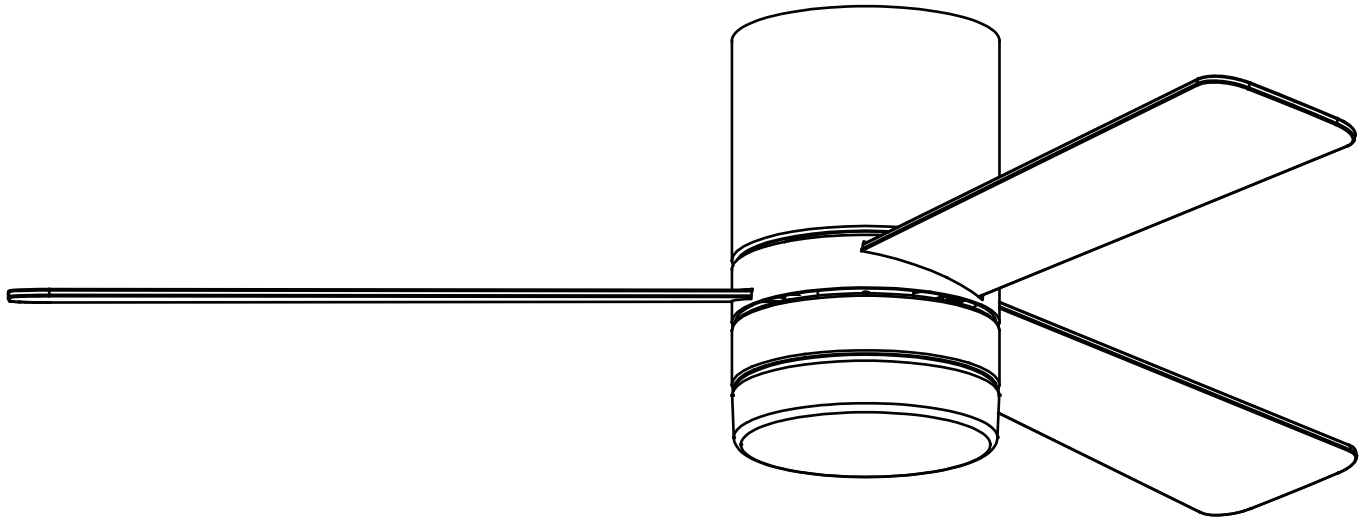## FAN COLLECTION

3ERHR52XXXD Series Fan

CUL Model NO. : 3ERHR52XXXD

Total fan weight with light: 7.6 kg/16.72 lbs

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, 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.

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 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: Comply 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, this fan should only be used with fan speed control part no. UC9031 manufactured by Rhine Electronic Co., Ltd.

WARNING: To reduce the risk of fire or electric shock, do not use this fan with any other 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.

CAUTION: The light source is designed for this specific application and can overheat if serviced by untrained personnel. If any servicing is required, the product should be returned to an authorized service facility for examination or repair.

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

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

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

Note: Suitable for use in damp locations. Install the fan under covered or enclosed patios or porches. Use only with light kits marked "Suitable for use in damp locations".

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

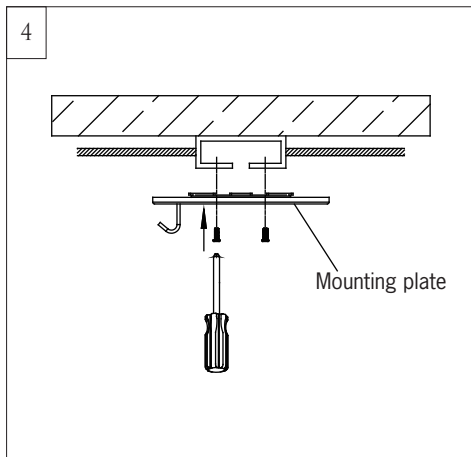| 1	2	3

Outlet box
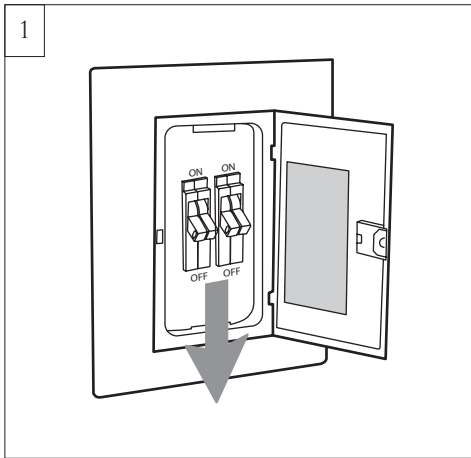
Before you begin installing the fan, Switch power off at Service panel and lock service disconnecting means to prevent power from being switched on accidentally. When the service disconnecting means cannot be locked, securely fasten a warning device, such as a tag, to the service panel.
**Use AC 120V/60HZ power supply only.**
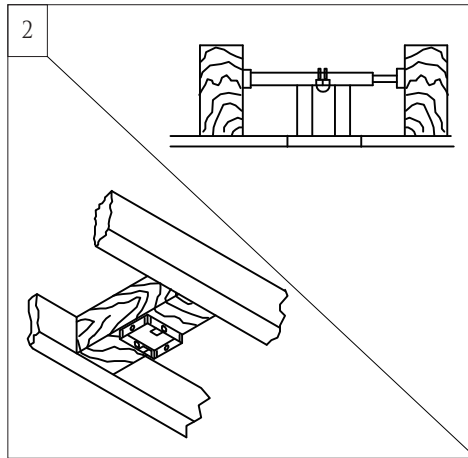
Before installing this fan make sure the outlet box is properly installed to the house structure. To reduce the risk of fire, electric shock, or personal injury, mount to outlet box or supporting system acceptable for fan support.
(Mounting must support at least 35 lbs.)
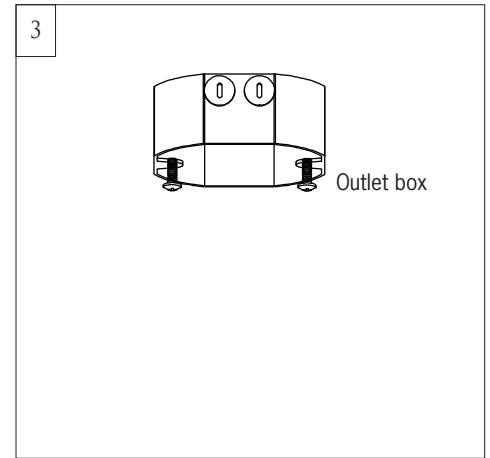
Use metal outlet box suitable for fan support and use only the screws provided with the outlet box (must support 35 lbs). Before attaching fan to outlet box, ensure the outlet box is securely fastened by at least two points to a structural ceiling member (a loose box will cause the fan to wobble).

4	5	6 SAFETY CABLE INSTALLATION

Mounting plate

Hook

Lag screw
Safety cable
Washer
Lock washer

Remove the two set screws provided with the box, aligning the holes of the mounting plate with the holes of the outlet box and reinstall the 2 outlet box screws securely.
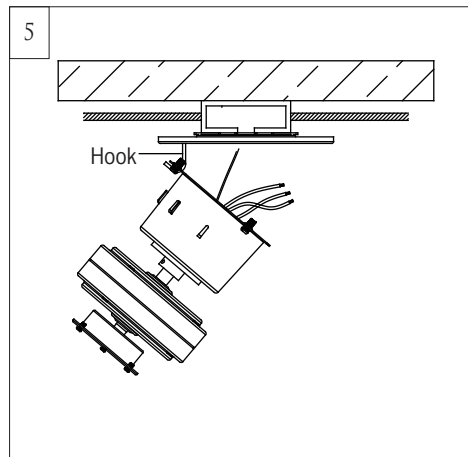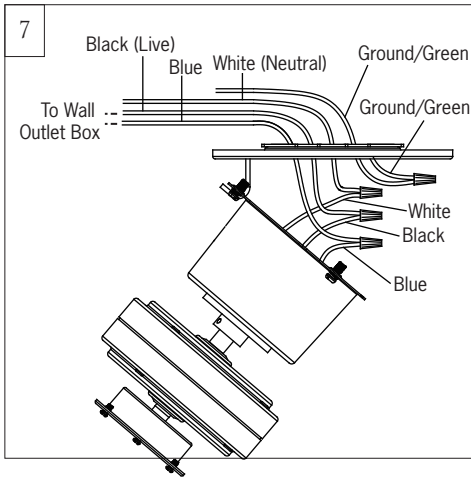
As shown in the illustration, hang the motor assembly onto the hook of mounting plate for hands-free wiring and safety cable installation.
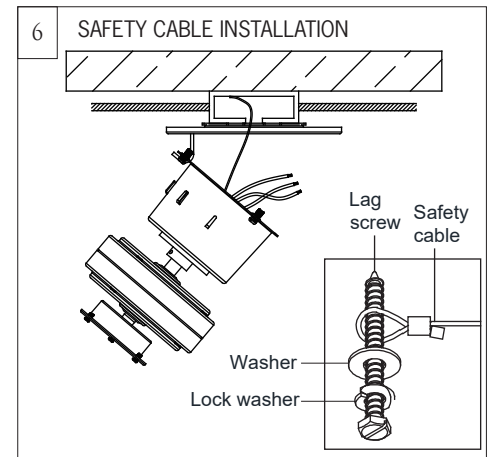
Safety cable must be installed into the house structure using 3" lag screws, washers, and lock washers provided, required for outdoor applications and in Canada (All fans installed in Canada), and for USA fan and light kit combinations over 35lbs.
Make sure that when the safety cable is fully extended 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.

7

Black (Live)
Blue
White (Neutral)
Ground/Green
Ground/Green
To Wall
Outlet Box
White
Black
Blue

Refer to page 7 for wiring, installation and operation of Wall controller. Do not operate the fan or light until it is installed completely.
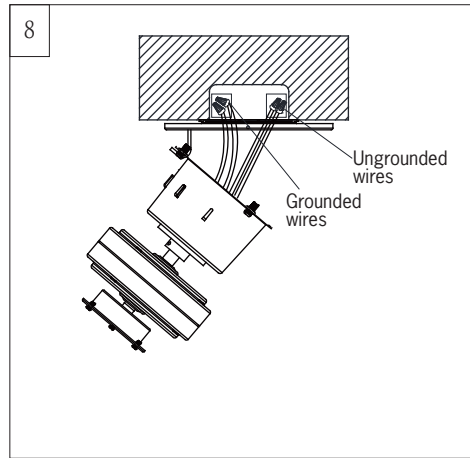
8

Ungrounded wires
Grounded wires

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.

9

Mounting plate
Captured screw
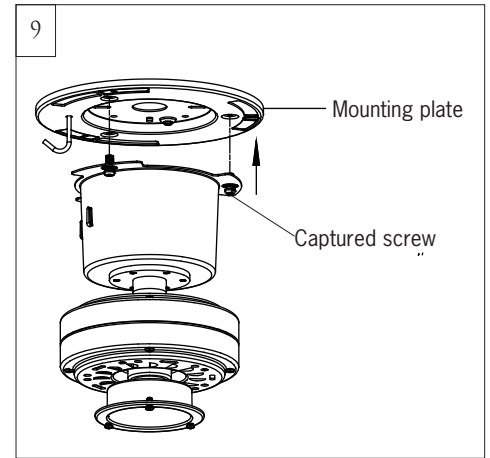
Lift motor assembly, aligning the captured screws on the plate on top of fan assembly with the screw holes on mounting plate. Install set screws to fix them. Tighten all screws securely.

10

Mounting plate
Notch
Tab
Housing
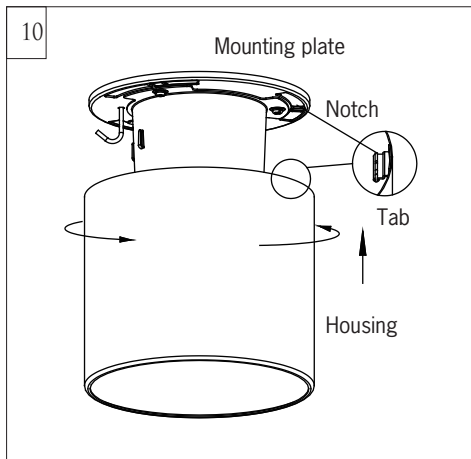
Align the three notches on the mounting plate with the three lock tabs on the housing and turn the housing clockwise until the lock tabs locked in place.

11

Motor
Alignment post
Flywheel
Flywheel
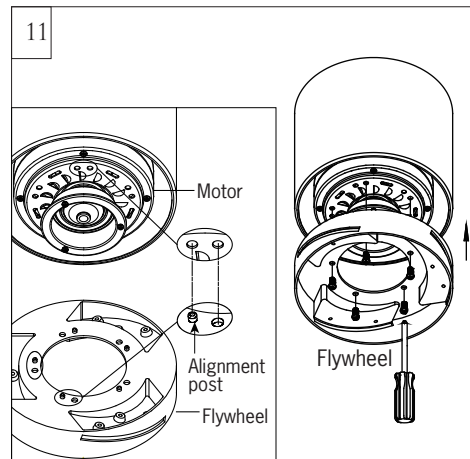
Install the flywheel onto the motor. Position the alignment posts on the flywheel to the round holes in the motor as shown in the inset.
install the provided set screws to the other 5 holes in the motor to fix the flywheel. Tighten all set screws securely.
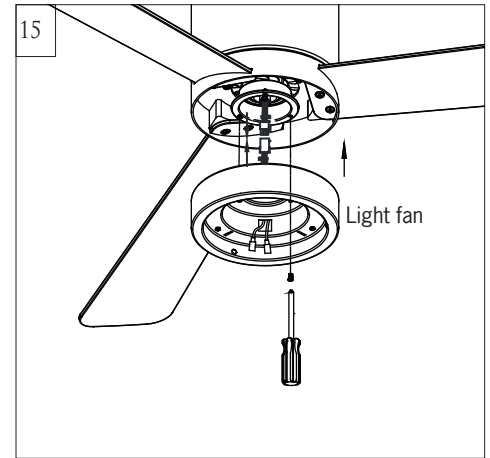
12
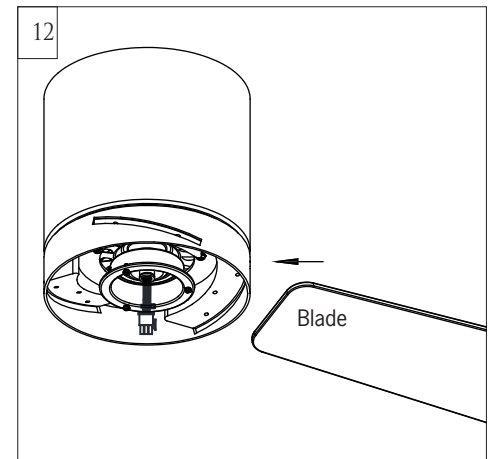
Blade

Insert a blade into the slot in the flywheel.
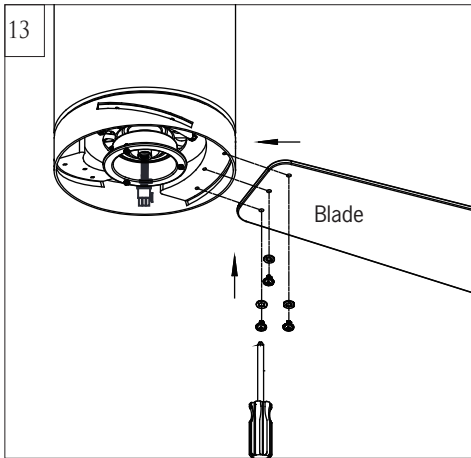
13

Install blade with screws and washers provided, aligning each of the holes as shown and tighten all screws securely. Repeat this process for remaining blades. Tighten all screws securely.

Blade
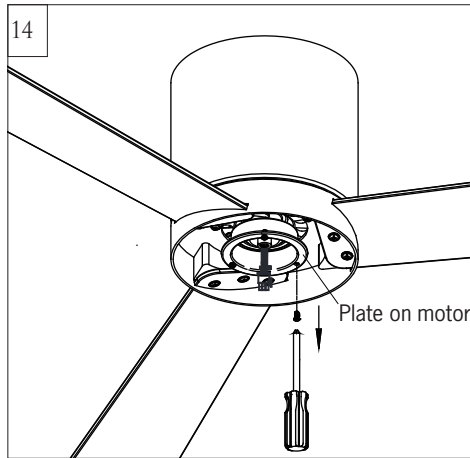
14

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

Plate on motor

15

Connect the quick connector to the connector from the light pan. Be sure plugs connection clasped together firmly.

Attach light pan onto the plate on motor, Place light pan over the lead wires from fan, aligning the keyhole slots on the light pan with the preassembled screws on the plate. Twist clockwise till lock. Reinstall the other screw. Tighten all screws securely.
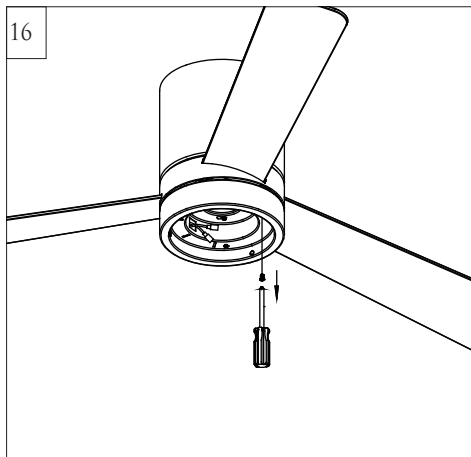
Light fan

16

Loosen 2 and remove 1 preassembled screw from light pan. Save screw for later use.
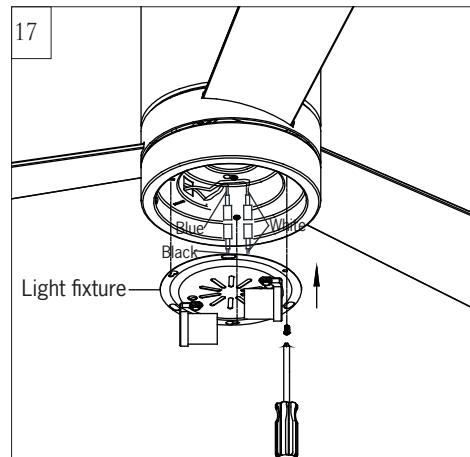
17

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. Be sure plugs connection clasped together firmly. Attach light fixture onto the light pan, aligning the keyhole slots on the light fixture with the preassembled screws on the light pan. Twist clockwise till lock. Reinstall the other screw. Tighten all screws securely.
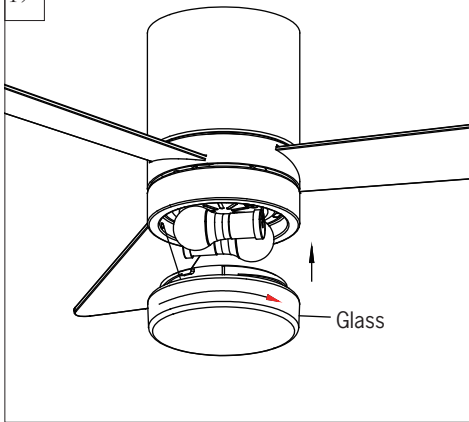
Blue   White
Black
Light fixture
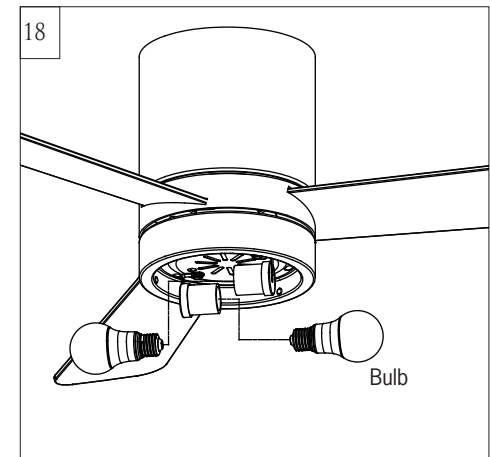
18

Install 2 x 9-watt medium base enclosed type of LED lamps.

Caution: Approved for use with LED light bulb only (Part No. 97512S).

Do not use incandescent light bulb.

Caution: Do not replace bulb until it cools down.

Bulb

19

Glass

20

Reverse switch

Attach glass by locating dimples in light pan with grooves on the glass and twist clockwise until tight.
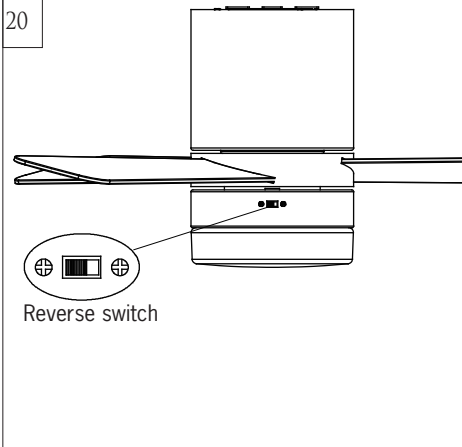
Setting the reverse switch on the left hand side will result in downward airflow and setting the switch on the right hand side will result in upward airflow.
Note: Reverse switch must be set either way completely. If the reverse switch is set in the middle position, fan will not operate.

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)

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.

120V/60HZ Power supply

WHITE (Neutral)

BLACK (Live)

BLUE

BLACK

Wall controller

Black/White(AC IN L)

Blue (FOR LIGHT)

Black (TO MOTOR L)

Wall plate

Outlet box

Fig.1

Green/Yellow (Grounding)

ON and Dimming

Off
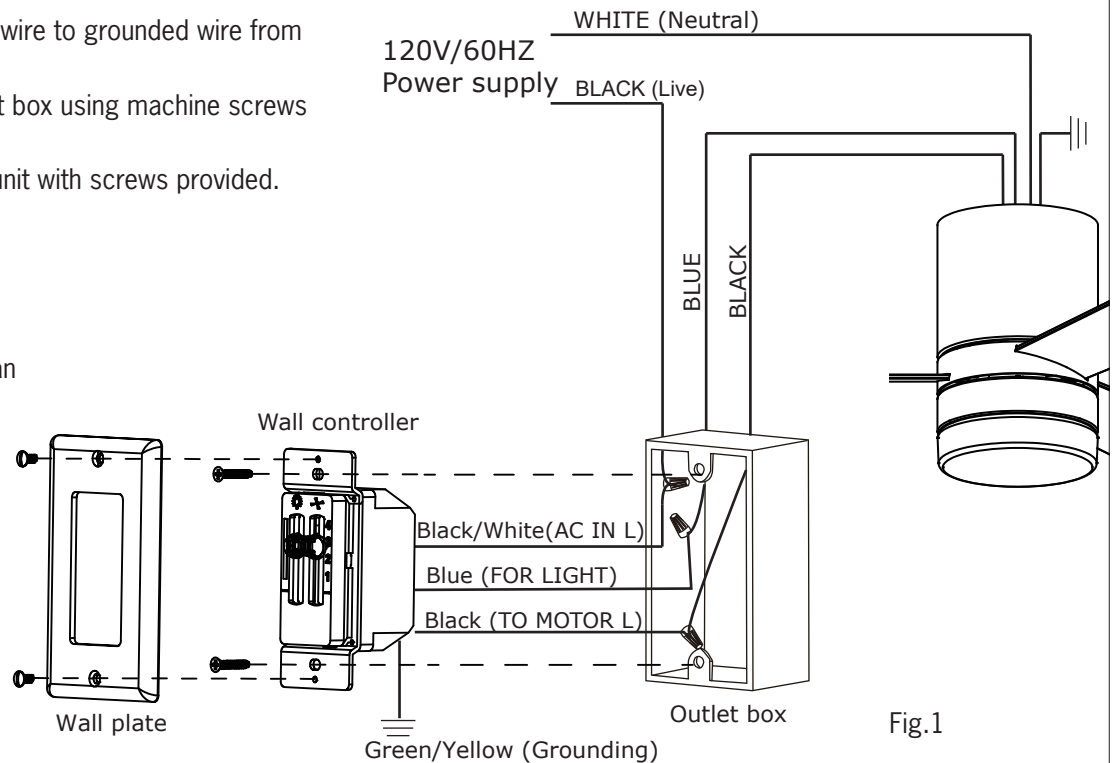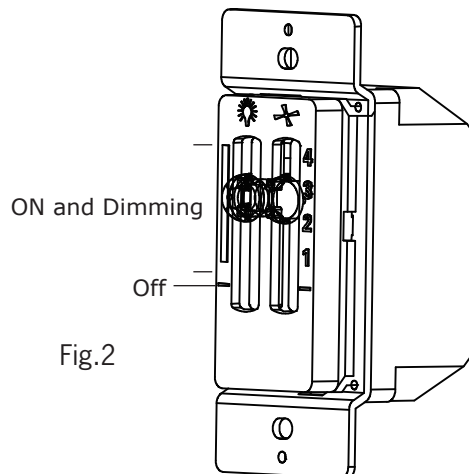
Fig.2

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.

Nov.2022
Aug.2024 GL Fan