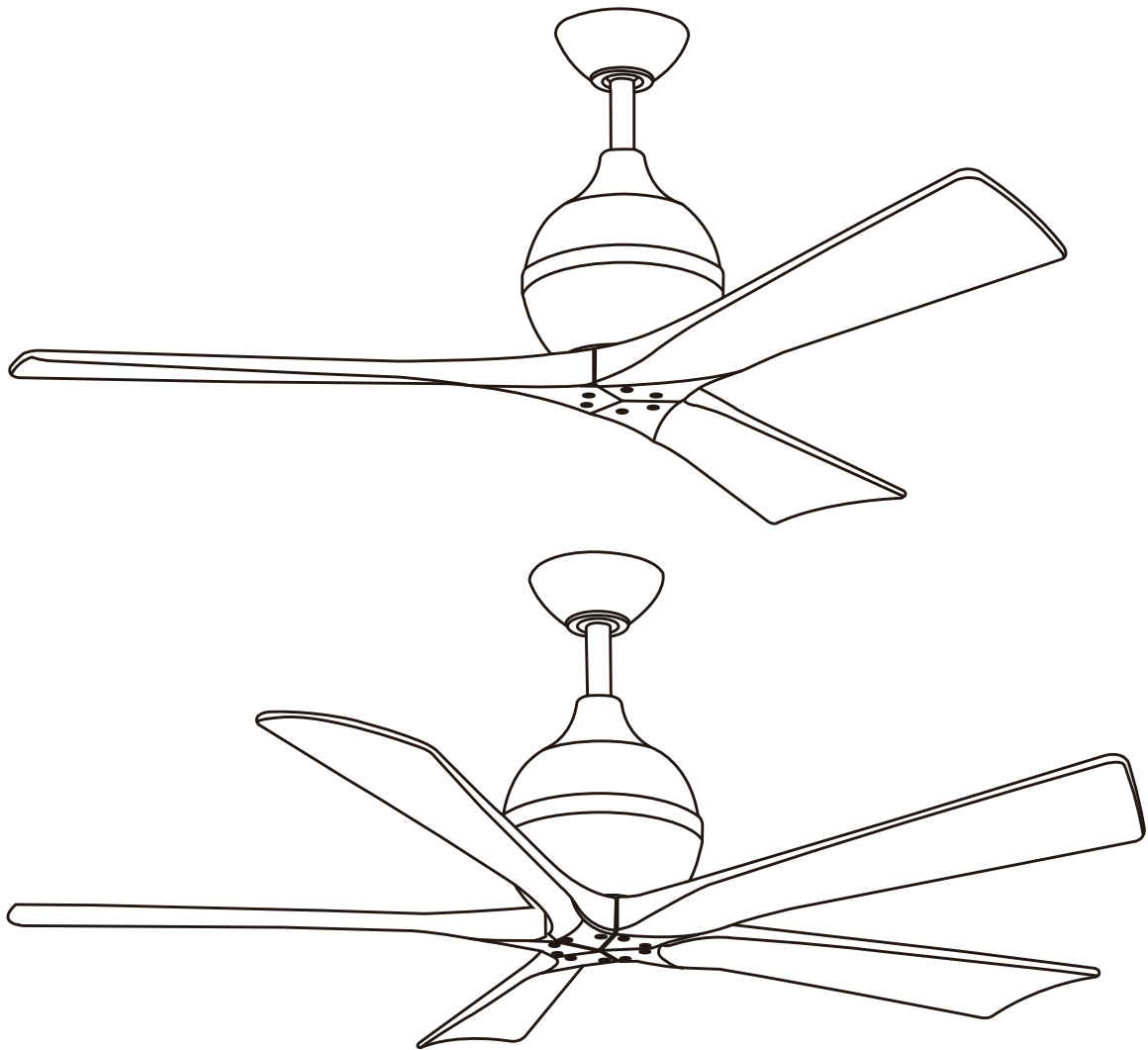


Irene

52" CEILING FAN

READ AND SAVE THESE INSTRUCTIONS



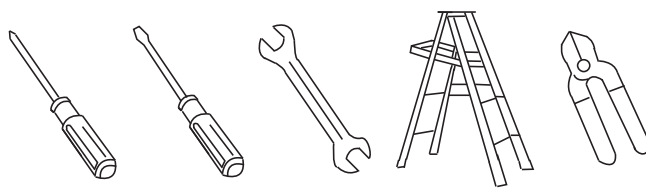
YG432-MG

FAN RATING AC 220-240V~ 50Hz

**Please do not use any electric or battery powered tools
in the assembly and installation of this or any Matthews
Fan Company product.**

1. TOOLS AND MATERIALS REQUIRED

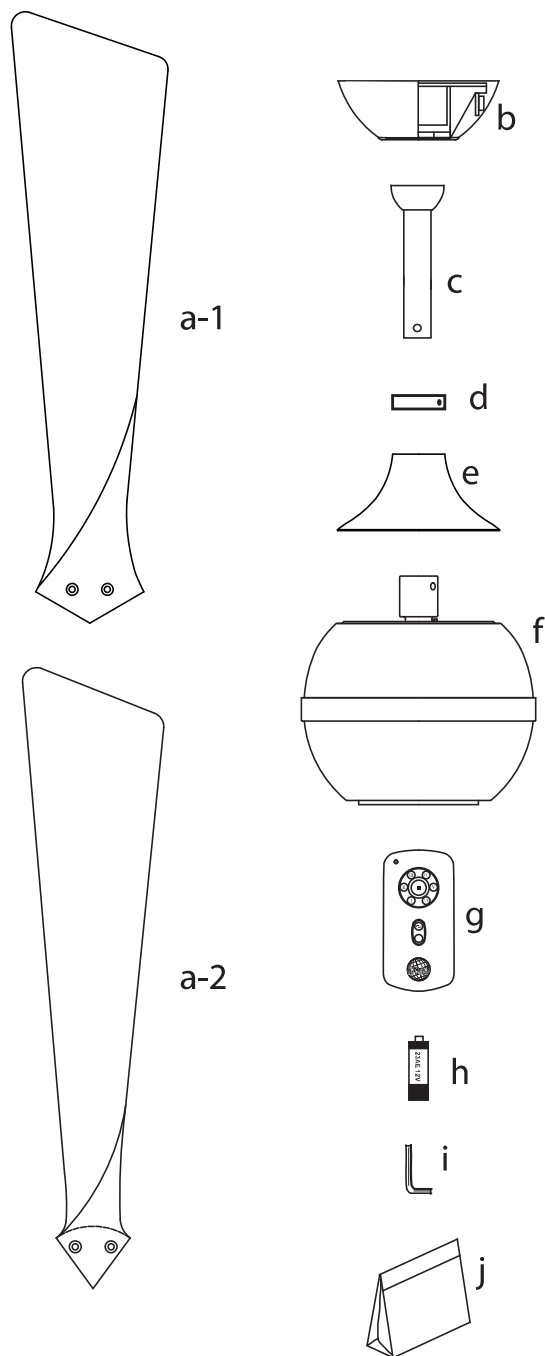
- Philips screwdriver
- Blade screwdriver
- 11 mm wrench
- Step ladder
- Wire cutters



2. PACKAGE CONTENTS

Unpack your fan and check the contents. You should have the following items:

- a-1. Blade set (3) (for Irene-3)
- a-2. Blade set (5) (for Irene-5)
- b. Hanger bracket assembly
- c. Ball / down rod assembly
- d. Secure ring
- e. Coupling cover
- f. Fan motor assembly
- g. Transmitter+holder+2 mounting screws
- h. 23A/12V battery
- i. Allen wrench
- j. Package hardware
 - 1) Mounting hardware:
 - wood screws (2), screws (2),
 - lock washers (2), washers (2),
 - star washers (2), wire nuts (3)
 - 2) Blade attachment hardware:
 - screws (11), washers (11)



READ AND SAVE THESE SAFETY AND INSTALLATION INSTRUCTIONS.

Consult a licensed electrician if unsure of any point below mentioned.
DANGER/WARNING/CAUTION

1. High voltage and moving parts around motors and motor driven equipment can cause serious or fatal injuries. Always disconnect power source at main switch before wiring, servicing or cleaning unit. Do not rely on fan control device to prevent unexpected start-up or electrical shock. In addition, power supply must have fuses or circuit breakers for short circuit protection.
2. All electrical wiring must conform to national and local electrical codes such as: NEC, OSHA, etc.
3. Fan should be secure in its electrical grounding to avoid possible electrical shock.
4. Fan should not be used in any wet or hazardous location defined by article 500 of the NEC. In addition, its ambient temperature should not exceed 104 degrees Fahrenheit.
5. Power supply should conform to voltage rating of 220-240V.
6. Before applying power, visually re-inspect the installation. Make sure that all guards and protective devices are securely in place and all visible screws and bolts are tightened.
7. **Warning:** to reduce the risk of fire, electrical shock or personal injury, mount hanging bracket to outlet box marked "Acceptable for fan support and a hanging weight of 45 Lbs." Do not mount fan to sheet rock or drywall type materials and use only the screws provided with the outlet box.
8. **Caution:** to reduce the risk of injury to persons, install fan so that bottom edges of fan blades are to be at least 2.3m above the floor.
9. To reduce the risk of personal injury, do not bend blades or any other part of fan when cleaning. Do not insert foreign objects in between rotating fan blades or in space surrounding entire rotating fan unit. Fan must be turned off at power at supply source before installation, cleaning or servicing.
10. Instructions for Supply Connections: Conductor of a fan identified as grounded conductor to be connected to a grounded conductor of a power supply, conductor of fan identified as ungrounded conductor to be connected to an ungrounded conductor of a power supply, conductor of fan identified for equipment grounding to be connected to an equipment-grounding conductor. After making the wire connections in junction box, the splices should be turned upward and pushed carefully into the outlet box. The wires should be spread apart with the grounded conductor and the fan-grounding conductor on one side of the junction box and the ungrounded conductor on the other side of the outlet box. Be sure that all wiring connections are properly insulated from each other and any surrounding metal parts. For safety and best operating results, only qualified electrician allows to assemble and install your fan.
11. To reduce the risk of personal injury, install the supplementary mounting means and use only the hardware provided with the fan.

12. **Warning:** TO REDUCE THE RISKS OF FIRE, ELECTRIC SHOCK OR INJURY TO PERSONS, OBSERVE THE FOLLOWING:
 - A. Use this unit only in the manner intended by the manufacturer. If you have any questions, contact the manufacturer.
 - B. Before installing, servicing or cleaning unit, switch power off at service panel and lock service panel to prevent power from being switched on accidentally.
13. **Warning:** To reduce the risk of fire, electrical shock or personal injury, mount to outlet box marked acceptable for fan support and use screws provided with outlet box.
14. **WARNING:** This product is designed to use only those parts supplied with this product and/or accessories designated specifically for use with this product. Using parts and/or accessories not designated for use with this product could result in personal injury or property damage.
15. This appliance is not intended for use 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 concerning use of the appliance by a person responsible for their safety.
16. Children should be supervised to ensure that they do not play with the appliance.
17. Fan suspension system shall be examined regularly, **at least once every two years.**

JUNCTION BOX MOUNTING OPTIONS

Your new ceiling fan will require a grounded electrical supply line of 220-240 volts AC, 50 Hz circuit. The outlet box must be securely anchored and capable of withstanding a load of at least 50 lbs.

Figures 1,2 and 3 are examples of different ways to mount the outlet box.

Note: You may need a longer down rod to maintain proper blade clearance when installing on a steep, sloped ceiling. (Fig. 3)

To hang your fan where there is an existing fixture but no ceiling joist, you may need an installation hanger bar as shown in Fig. 4.

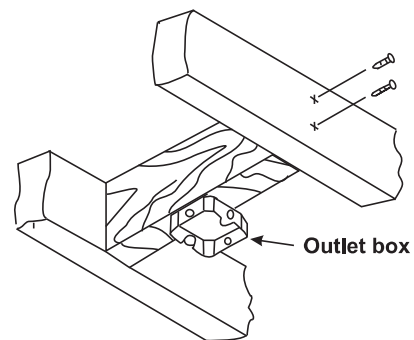


Figure 1

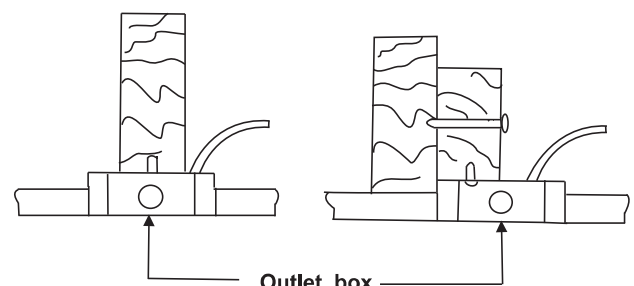


Figure 2

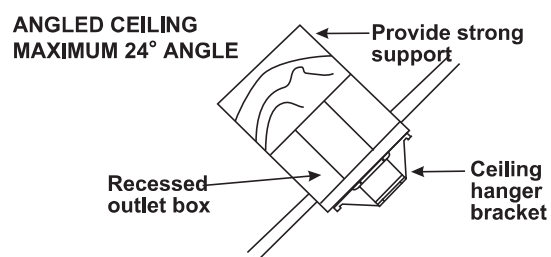


Figure 3

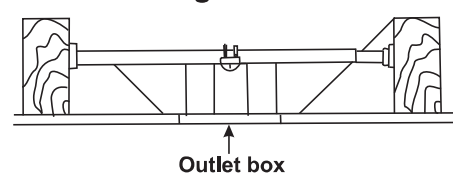


Figure 4

5. ATTACHING THE FAN BLADES

1. Fasten blade to motor using the screws supplied. (Fig. 5)

2. Repeat process with other blades. Tighten each screw and make sure the blade is straight.

NOTE: This fan includes is supplied with two types of blades installation. Follow the step below to installing your fan blade properly.

The inner holes are for 3 blades. (for Irene-3)

The outer holes are for 5 blades. (for Irene-5)

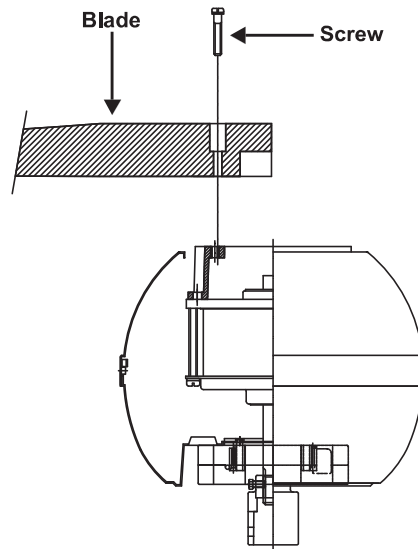


Figure 5

6. HANGING THE FAN

Before touching a screw driver thoroughly read these instructions.

Warning/Caution: Before installing fan, turn off power at service panel and check all visible screws and bolts for tightness.

1. Remove the decorative canopy bottom cover from the canopy by turning the cover counter clockwise. (Fig. 6)

2. Remove the hanger bracket from the canopy by removing the 1 of 2 screws from the bottom of the hanger bracket and loosening the other one a half turn from the screw head. Next, turn the canopy counter clockwise to removing the hanger bracket from the canopy. (Fig. 6)

3. Secure the hanger bracket to the ceiling outlet box using screws and washers included with your outlet box. (Fig. 7)

4. Remove hanger ball from down rod assembly by loosening set screws, removing the cross pin and sliding ball off rod. (Fig. 8)

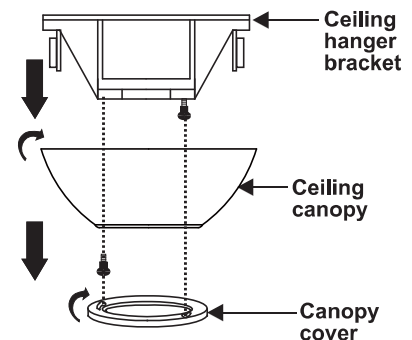


Figure 6

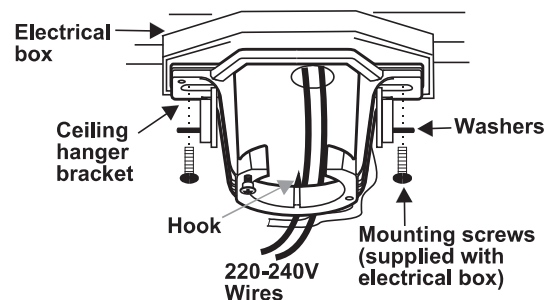


Figure 7

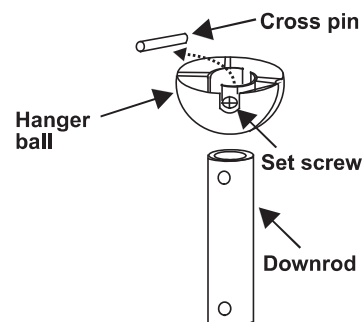


Figure 8

5. Loosen the two set screws and remove the hitch Pin and lock pin from the central shaft/top coupling of the motor assembly. Doing so will allow the down rod to enter the central shaft. (Fig. 9)
6. Carefully feed the fan wires through the down rod and pull them taut. Thread the down rod into the central shaft and tighten with the lock pin and hitch pin previously removed, re-tighten the set screws against the downrod.
7. Slide the coupling cover (with wide end oriented to floor) down the down rod.
8. Slide the secure ring, and fasten using the Allen wrench provided.
9. Slide canopy cover (with decorative side oriented to floor) and canopy (with wide end oriented to ceiling) onto down rod. Carefully reinstall hanger ball onto rod. Be sure that cross pin is in correct position, the set screw on hanger ball is tight and that the wires are not twisted.
10. Now lift the motor assembly (fan with blades) into position and place the hanger ball into the hanger bracket. Rotate down rod until the "Check Tab" has dropped into the "Registration Slot" and the down rod and ball assembly seat firmly. The down rod and ball assembly should not rotate if this is done correctly. (Fig. 10)

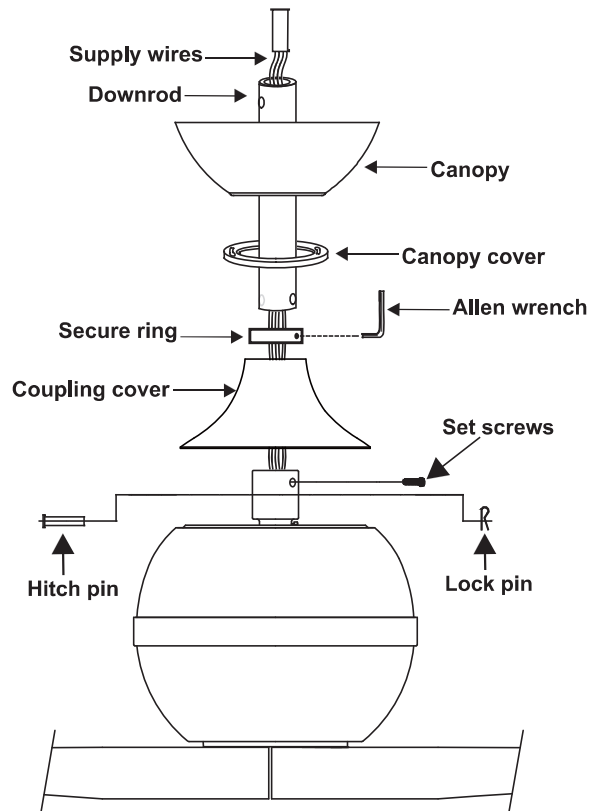


Figure 9

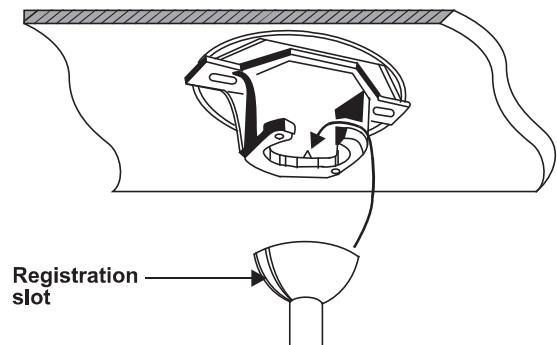


Figure 10

7. MAKING THE ELECTRICAL CONNECTIONS

Warning: The power should have already been disconnected. Follow the steps below to connect the fan to your household wiring. Loosen the screws on the terminal block, insert the wire to each terminal block and re-tighten the screws loosened previously. Make sure there are no loose strands or connections.

1. Connect the green/ground wire from the downrod ball to the terminal block. (Fig. 11)

2. Be sure to snap together the male and female plugs. (Fig. 12)

3. Connect the blue, neutral household neutral wire to the terminal block “N” hole. Connect the brown, hot household neutral wire to the terminal block “L” hole. (Fig. 12 & 13)

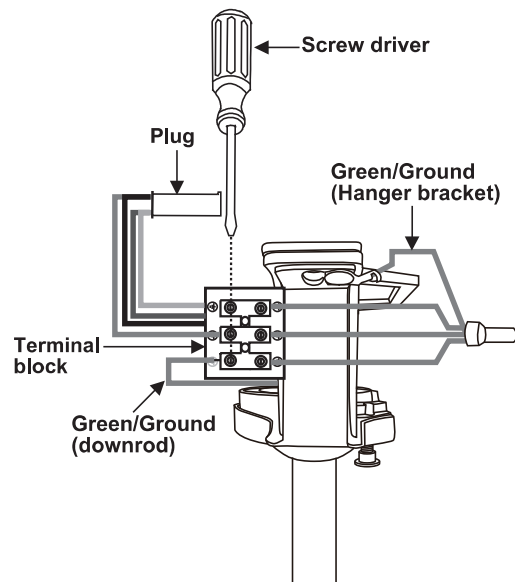


Figure 11

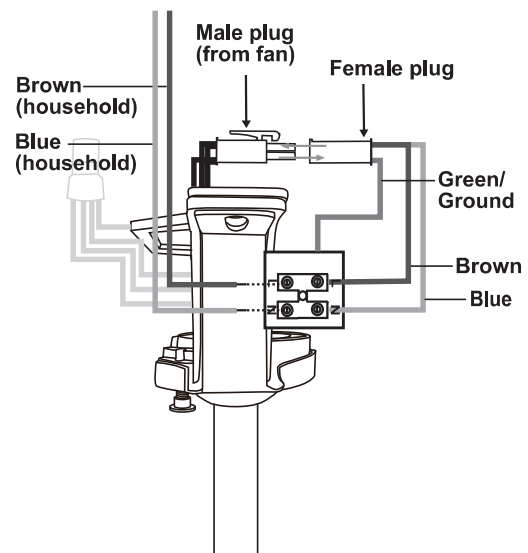


Figure 12

4. After connecting the wires, spread them apart so that the green, ground and neutral, blue wires are on one side of the outlet box and the hot, brown and the black wires are on the other side of the outlet box.

5. Tuck connections neatly into ceiling outlet box.

6. Slide the canopy up to hanger bracket and place the key hole on the canopy over the screw on the hanger bracket, turn canopy until it locks in place at the narrow section of the key holes. Note: adjust the canopy screws as necessary until the canopy and canopy cover are snug. (Fig.14)

Warning: Make sure tab at bottom of hanger bracket is properly seated in groove of hanger ball before attaching canopy to bracket. Failure to properly seat tab in groove could cause damage to electrical wiring.

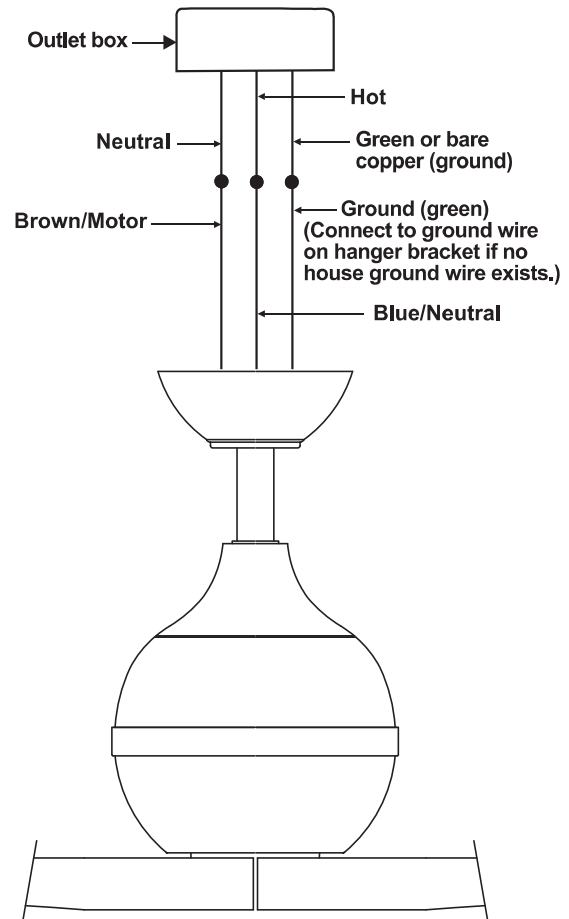


Figure 13

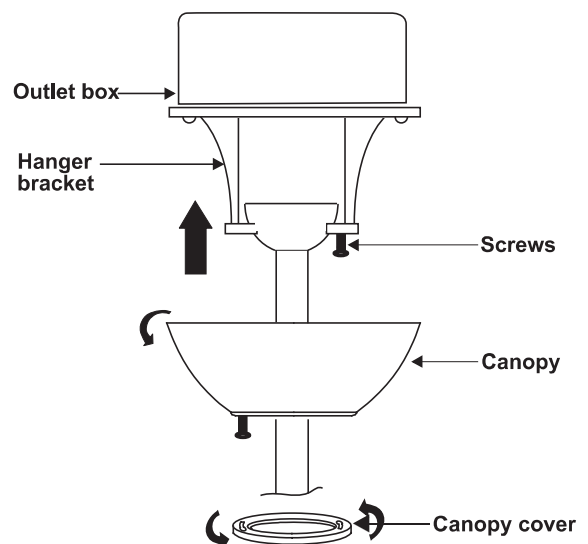


Figure 14

8. PROGRAMMING YOUR FAN AND OPERATING THE REMOTE CONTROL

Your DC brushless motor is equipped with a automatically learned type remote control.

Install one 23A/12V battery (included). To prevent damage to transmitter, remove the battery if not used for long periods of time (Fig. 15)

Restore power to ceiling fan and test for proper operation.

A. SET code setting button:

Follow the below steps to use the SET button:

- a) With the fan's power off, arrange code switches to desired code setting.
- b) After installing the unit and restoring power to the fan, press and hold the "SET" button 1 - 5 seconds. You must press the "SET" button within 60 seconds of restoring power to the fan.
- c) The fan will start to run and begin the control setting process. The fan will run in both directions for a total of approximately 5 minutes.
- d) When the fan stops after approximately 5 minutes, the control and speed setting process is complete and the fan is ready for use.

The receiver provides the following protective function:

1. Lock position: The DC motor has a built-in safety against obstruction during operation. If there is an obstruction, the motor will stop and then the power will automatically go off in 30 seconds. Remove the obstruction and reset.
2. Over 80W protection: When the receiver detects motor power consumption which is greater than 80W, the receiver power will be stopped and operation will immediately discontinue. Wait for 5 seconds and then turn the receiver power back on.

B. I, II, III, IV, V and VI button:

These six buttons are used to set the fan speed as follows:

- I = minimum speed
- II = low speed
- III = medium low speed
- IV = medium speed
- V = medium high speed
- VI = high speed

C. ■ Button:

This button turns the fan off.

D. ↺ Reverse button:

This button is to control fan direction.

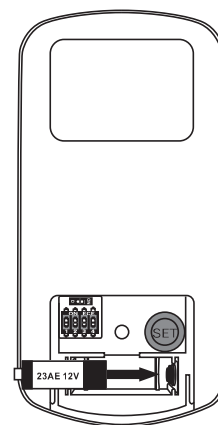


Figure 15

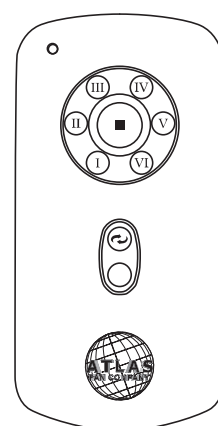


Figure 16

9. OPERATING YOUR FAN

Speed settings for warm or cool weather depend on factors such as the room size. Ceiling height, number of fans and so on.

NOTE: To operate the reverse function on this fan, press the reverse button while the fan is running.

Warm weather - (Forward) A downward airflow creates a cooling effect as shown in Fig. 17. This allows you to set your air conditioner on a warmer setting without affecting your comfort.

Cool weather - (Reverse) An upward airflow moves warm air off the ceiling area as shown in Fig. 18. This allows you to set your heating unit on a cooler setting without affecting your comfort.

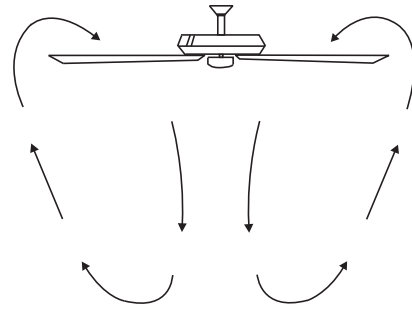


Figure 17

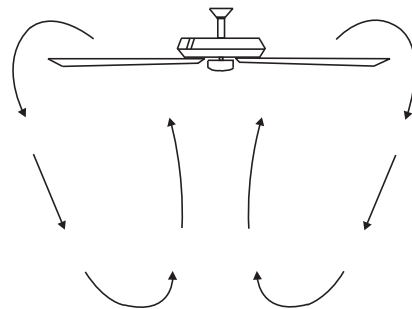


Figure 18

10. 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.

IMPORTANT: MAKE SURE THE POWER IS OFF AT THE ELECTRICAL PANEL BOX BEFORE YOU ATTEMPT ANY REPAIRS. REFER TO THE SECTION "MAKING ELECTRICAL CONNECTIONS".

11. TROUBLESHOOTING

Problem	Solution
Fan will not start.	<ol style="list-style-type: none">1. Check circuit fuses or breakers.2. Check line wire connections to the fan and switch wire connections in the switch housing. CAUTION: Make sure main power is off.3. Check that the battery of the remote is functional.4. Re-do steps for programming on page 8.
Fan sounds noisy.	<ol style="list-style-type: none">1. Make sure all motor housing screws are snug.2. Make sure the screws that attach the fan blade bracket to the motor hub is tight.3. Make sure wire nut connections are not rubbing against each other or the interior wall of the switch housing. CAUTION: Make sure main power is off.4. Allow a 24-hour "breaking-in" period. Most noise associated with a new fan disappear during this time.5. If using an optional light kit, make sure the screws securing the light plate are tight.6. 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.7. Make sure the upper canopy is a short distance from the ceiling. It should not touch the ceiling.
Remote control malfunction.	<ol style="list-style-type: none">1. Do not connect the fan with a wall mounted variable speed control(s).2. Make sure the dip switches are set correctly.
Fan wobble.	<ol style="list-style-type: none">1. Check that all blade and blade arm screws are secure.2. 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".3. If the blade wobble is still noticeable, interchanging two adjacent (side by side) blades can redistribute the weight and possibly result in smoother operation. WARNING: TO REDUCE THE RISK OF PERSONAL INJURY, DO NOT BEND THE BLADE ARM WHILE INSTALLING, BALANCING THE BLADES, OR CLEANING THE FAN. DO NOT INSERT FOREIGN OBJECTS BETWEEN ROTATING FAN BLADES.
Fan has jerky movement	<ol style="list-style-type: none">1. Turn the AC power off to fan, and re-do steps for programming on page 8.
Fan has lost its programming repeatedly	<ol style="list-style-type: none">1. Turn the AC power off to fan, and re-do steps for programming on page 8.2. Do not turn off fan from wall switch. Use only remote to regulate fan.