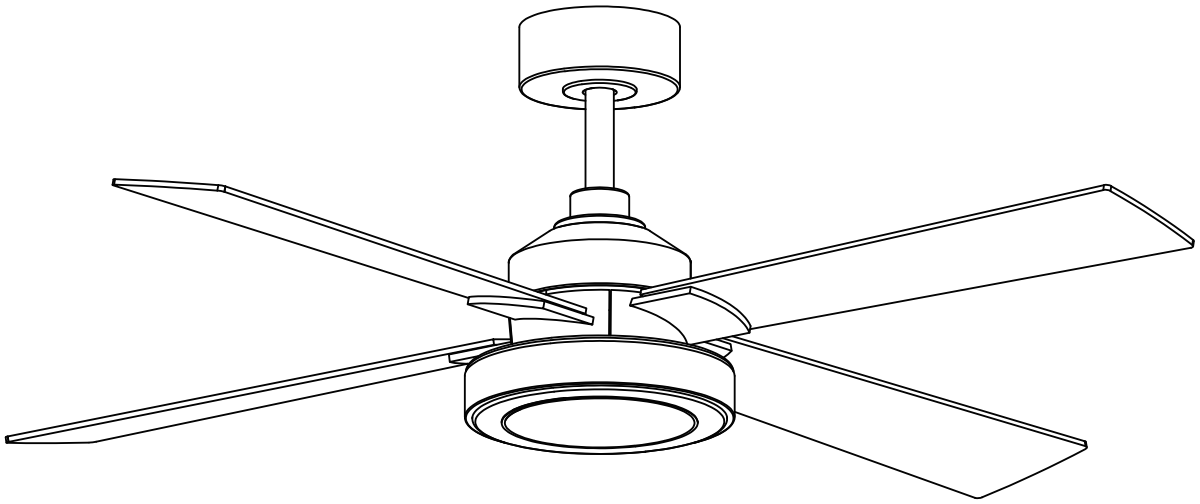
Vaczon

CEILING FAN INSTALLATION MANUAL



VZA01B107A / VZA01N108A

READ AND SAVE THESE INSTRUCTIONS

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SAFETY TIP

To avoid possible electric shock, tum off the electricity at the main fuse box or circuit panel before you begin the fan installation or before servicing the fan or installing accessories.

Read all instructions and safety information carefully before instaling your fan and save these instructions.

Make sure all electrical connections comply with local codes or ordinances and the National Electrical Code. If you are unfamiliar with electric wiring, please use a qualified and licensed electrician.

Make sure you have a location selected for your fan that allow clear space for the blades to rotate, and at least seven (7) feet of clearance betweem the floor and the fan blade tips. The fan should be mounted at least thirty (30) inches from walls or other upright structures.

WARNING: The outlet box and ceiling support joist used must be securely mounted, and capable of supporting at least 100 pounds. To reduce the risk of fire, electric shock or personal injury, mount to the outlet box marked acceptable for fan supported and use mounting screws provided with the outlet box. The box must be supported directy by the building structure.

WARNING: To reduce the risk of fire, electric shock or personal injury, mount to outlet box marked "acceptable for fan support" and use mounting screws provided with the outlet box most outlet boxes commonly used for the support of lighting fixtures are not acceptable for fan support and may need to be replaced. Consult a qualfied electrician if in doubt.

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

After installation is complete, check that all connections are absolutely secure.

After making electrical connections, spliced conductors should be turned upward and pushed carefully up into outlet box. The wires should be spread apart with the grounded conductor and the equipment grounding conductor on one side of the outlet box.

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

Do not separate the reverse switch until the fan has come to a complete stop.

Do not insert anything into the fan blades while they are rotating.

WARNING: To reduce the risk of personal injury, do not bend the blade brackets (also referred to as "flanges") during assembly or after installation. Do not insert objects in the path of the blades.

To avoid personal injury or damage to the fan and other items, be cautious when working around or cleaning the fan.

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

NOTE: The important safety precautions and instructions appearing in the manual are not meant to cover all possible conditions and situations that may occur. It must be understand that common sense and caution are necessary factors in the installation and operation and operation of this fan.

NOTE: This productis not intended for use by persons (including children) with reduced physical, sensory or mental capabilities are different or are impaired, or lack of experience or knowledge, unless such persons are supervised or trained to operate the

appliance by a person responsible for their safety.

NOTE: Children should be supervised to ensure that they do not use appliances as a toy.

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Basic Product Parameters

SKU#	VZA01B107A VZA01N108A	**Voltage**	110-120 VAC
Fan Blade Span	52"	**Rated Wattage**	38W(Fan20W,Lamp18W)
Maximum Airlow	3398CFM	**RPM**	90-180rpm
Maximum Noise	45db(A)	**Number of rotating blades**	4 blades

Care And Clean

1. Check the support connections, brackets, and airfoil attachments twice a year. Make sure they are secure. Because of the fan's natural movement, some connections may become loose over time. It is not necessary to remove the fan from the ceiing.

2. Clean your fan periodically. Use only a soft brush or lint-free cloth to avoid scratching the finish. The plating ls sealed with a lacquer to minimize discoloration or tarmishing.

3. (Optional) Apply a light coat of furniture polish to the wood blades.

4. (Optional) Cover smal scratches with a light application of shoe polish.

DO NOT:

1. Use water when cleaning. Water could damage the motor, or the wood, or possibly cause an electrical shock.
2. Apply oil to your fan or motor, the motor has pemanently lubricated sealed ball bearings.

NOTE: Power offthe fan before product maintenance or cleaning the fan.

FCC Statement

NOTE: This equipment has been tested and found to comply with the limits for a Class B digitadevice, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation.
This equipment generates uses and can radiate radio frequency energy and, if not installed and used in acoordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or televison reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the recelving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a crcuit different from tha to which the receiver isconnected.
- Consult the dealer or an experienced radio/TV techrician for help.

WARNING: Changes or modfications to this unit not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

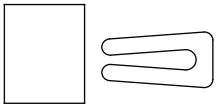
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Wood screws (4PCS)



Mounting screws (2PCS)



Balanced parts package (1PC)



Plastic wire nut (4PCS)



Washer (2PCS)



Blade screw (13PCS)



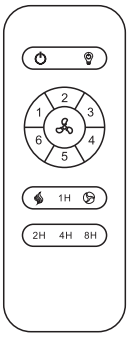
Blade bracket screws (1PC)

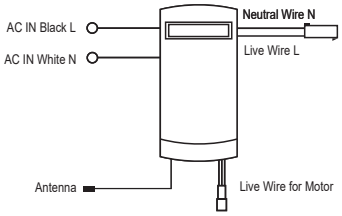


Spring washer (2PCS)

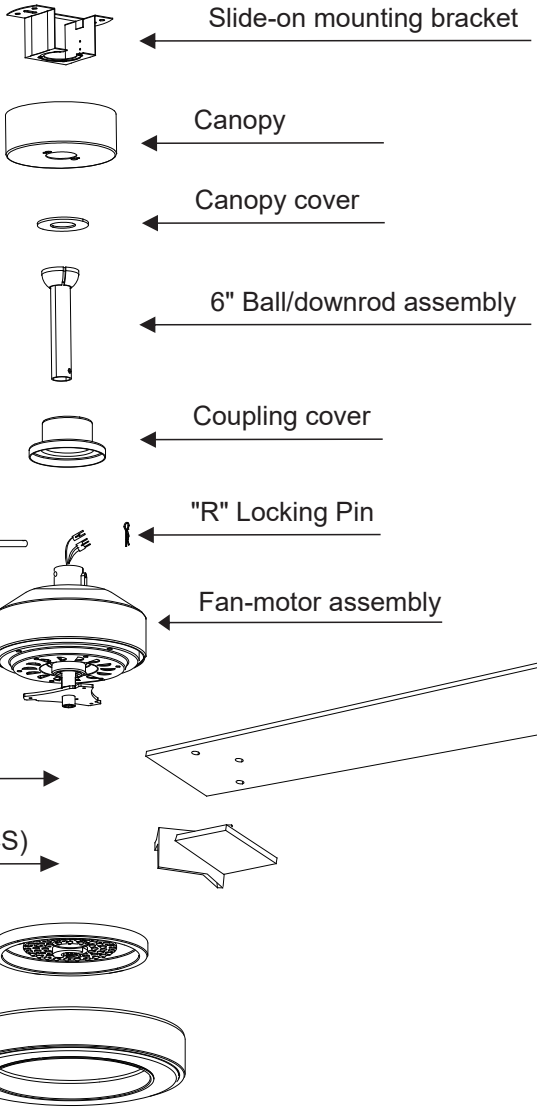


Blade washer (13PCS)





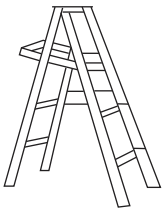
Remote control (1PC)



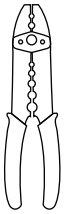
Pls check whether above accessories are completed or not? Yes, and install.

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Tools Required


Ladder


Wire Strippers

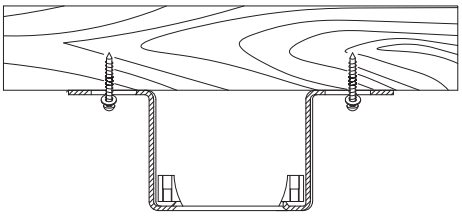

Pliers


Phillips Screwdriver

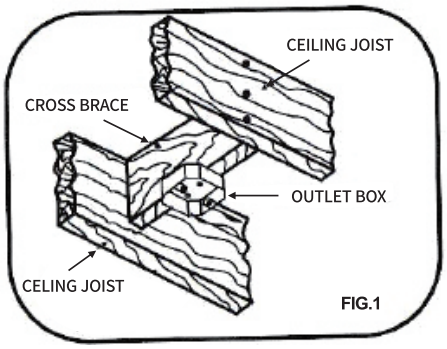
Installing The Mounting Bracket:

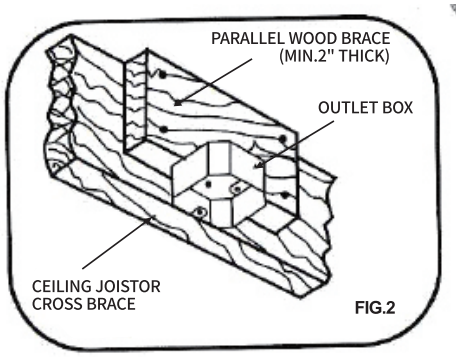
The ceiling fan must be installed in a location so that the blades are 12” (300mm) spacing from the tip of the blade to the nearest objects or walls. REMEMBER to turn off the power before hanging the fan. Follow the instruction below to hang your fan properly:

1. For wood ceiling, secure the mounting bracket to the ceiling that is capable of carrying a load of at least 100lbs (45kgs) with two long mounting screws and washers provided. Be sure at least 0.12" (30mm) of the screw is threaded into the support.



2. For installing the outlet box, secure it directly to the building structure. Use appropriate fasteners and building materials. The outlet box and its support must be able to fully bear the moving weight of the fan (at least 100lbs). Use a UL listed metal outlet box instead of plastic ones. Figure 1 & 2 show the examples of mounting the outlet box.

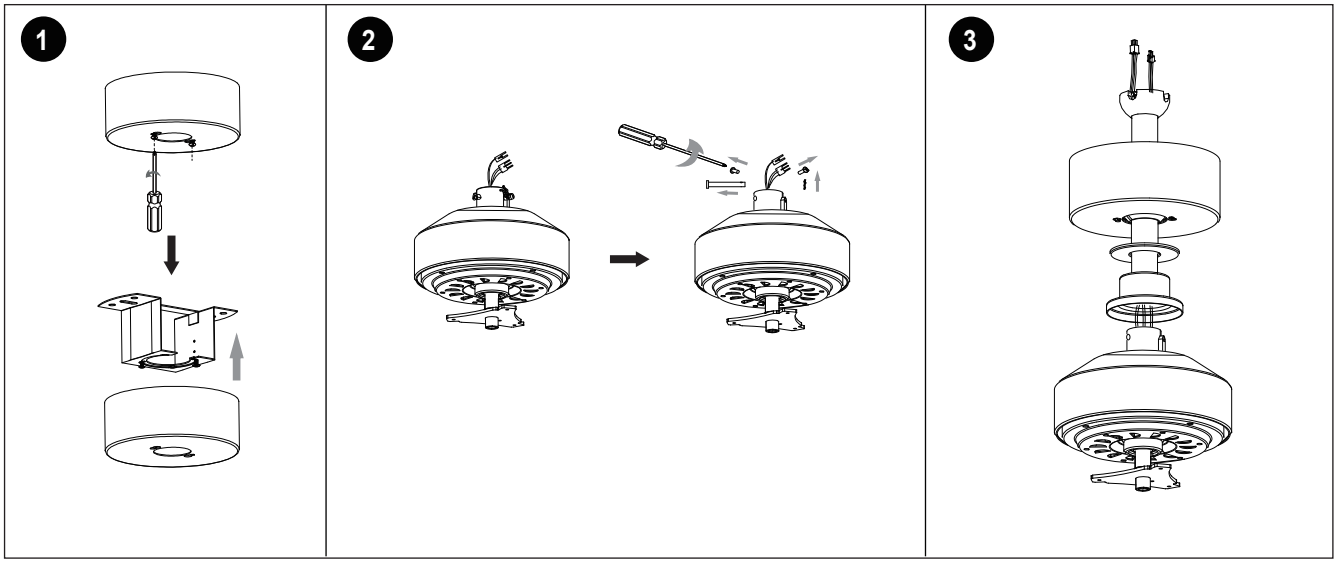




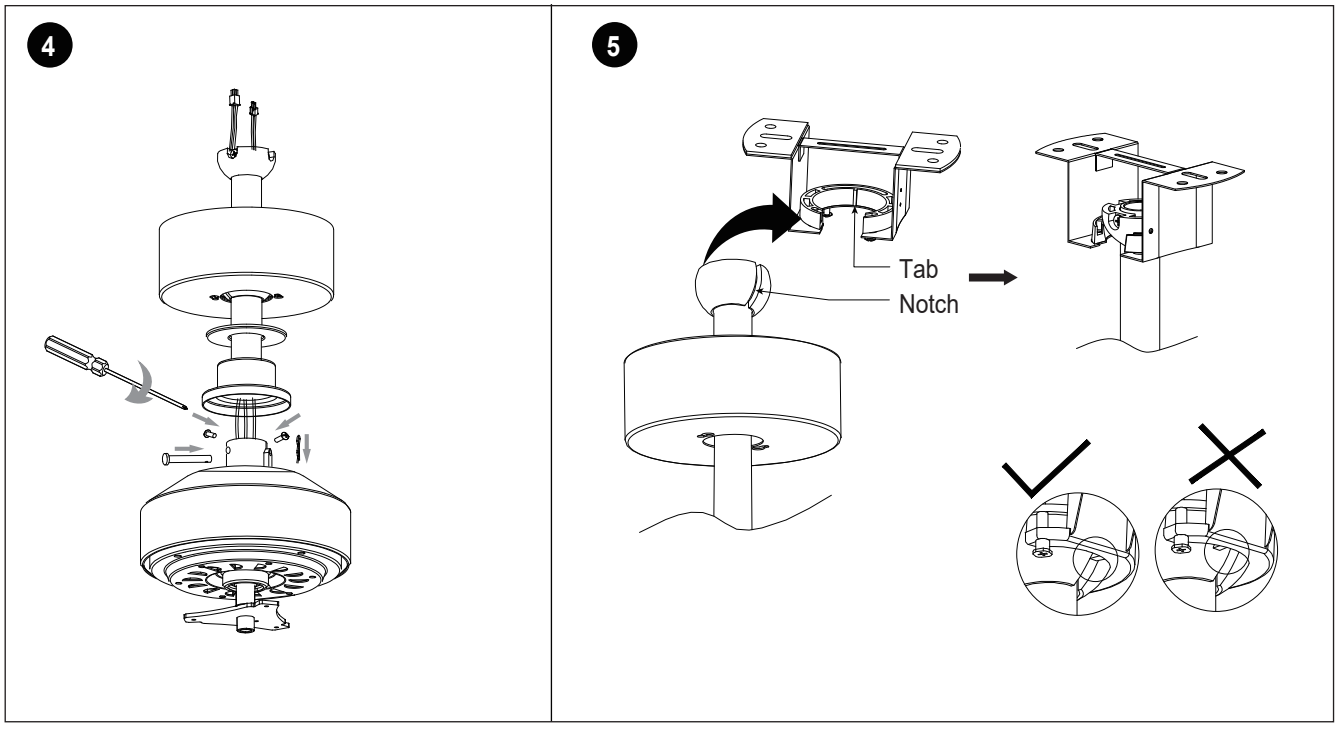
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Installing The Suspension Installation:

1. Loose 2 screws of the mounting bracket under the canopy, removed the mounting bracket from the canopy.
2. Use a Phillips screwdriver to remove 2 screws from the fan-motor assembly as follows and place the screw for subsequent installation. Remove the R clip and get off the pin from the fan-motor assembly.
3. Get the downrod through the canopy, canopy cover and coupling cover. Then get the leadwire through the downrod. Seat the downrod into the fan-motor assembly and make the holes on downrod match with the holes on fan-motor assembly.

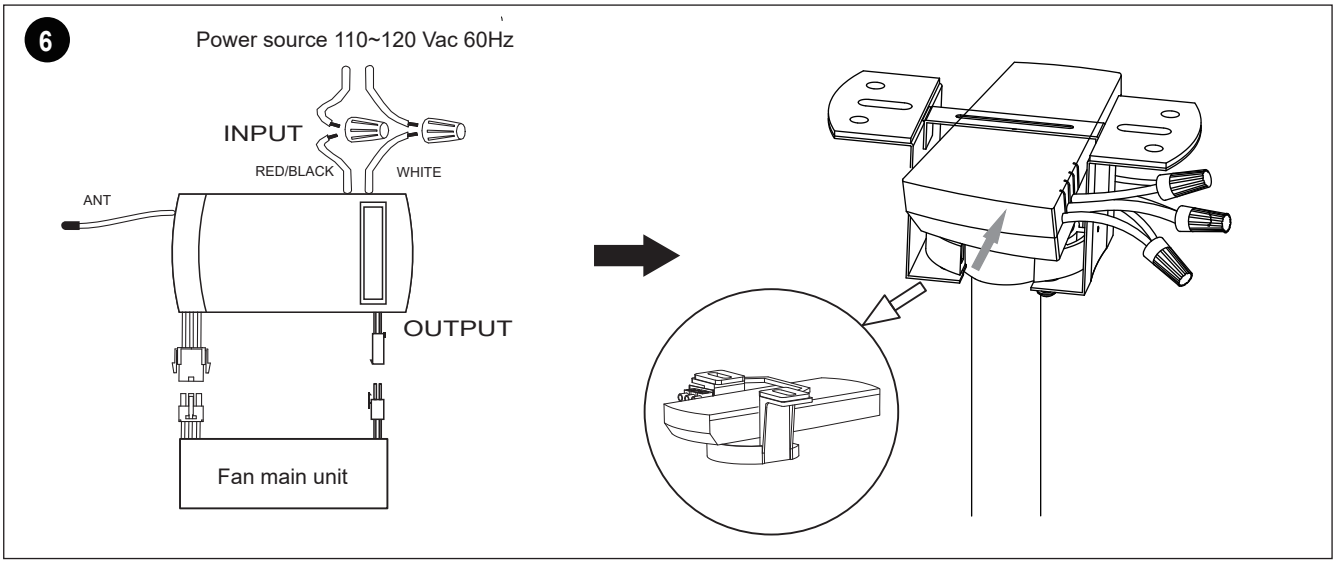


4. Get the pin through the holes and fix the pin by the R clip in another side. Tighten 2 screws removed previously.
5. Carefully lift the fan motor assembly onto the mounting bracket that was attached to the outlet box. Turn the entire assembly until the check tab (stopper of bracket) drops into the notch of the downrod ball and seats firmly.

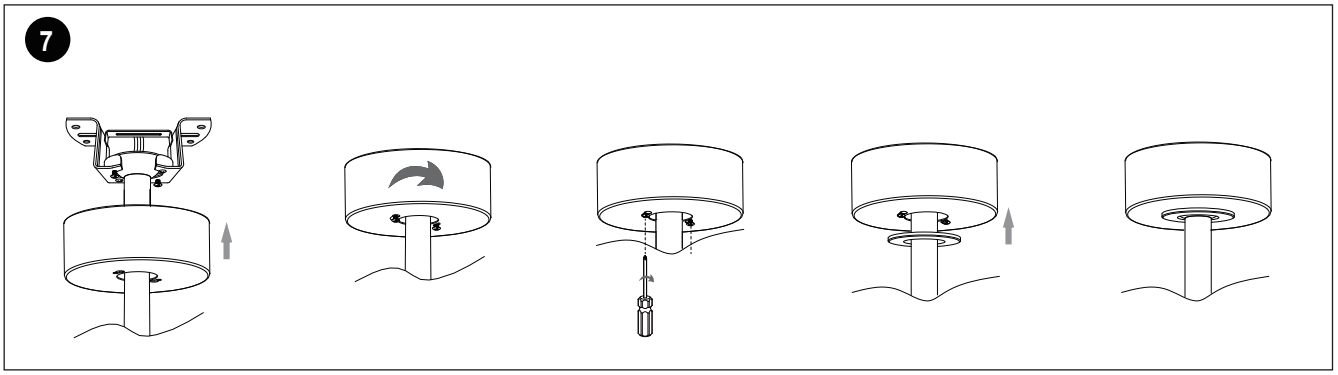


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6. Connect the wires of the fan main unit with remote controller, connect the remote controller to the power supply using wire nuts. Then fix the remote controller inside the mounting bracket

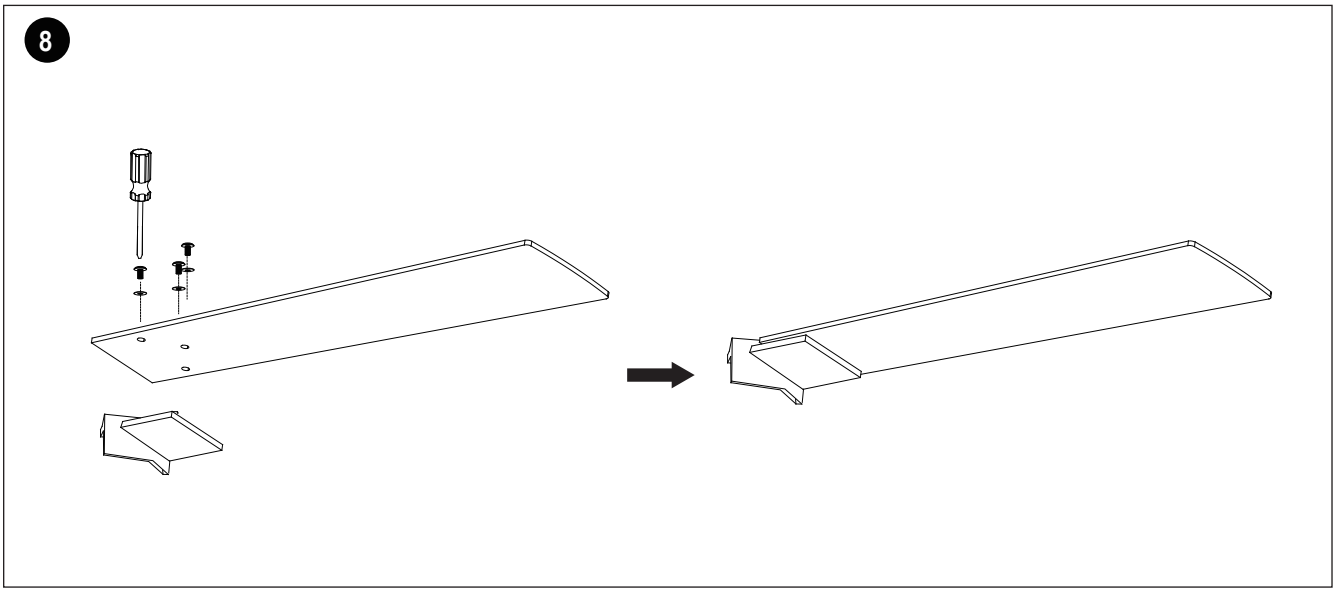


7. Install the canopy to the screws of the mounting bracket, tighten the screws and cover the canopy cover.



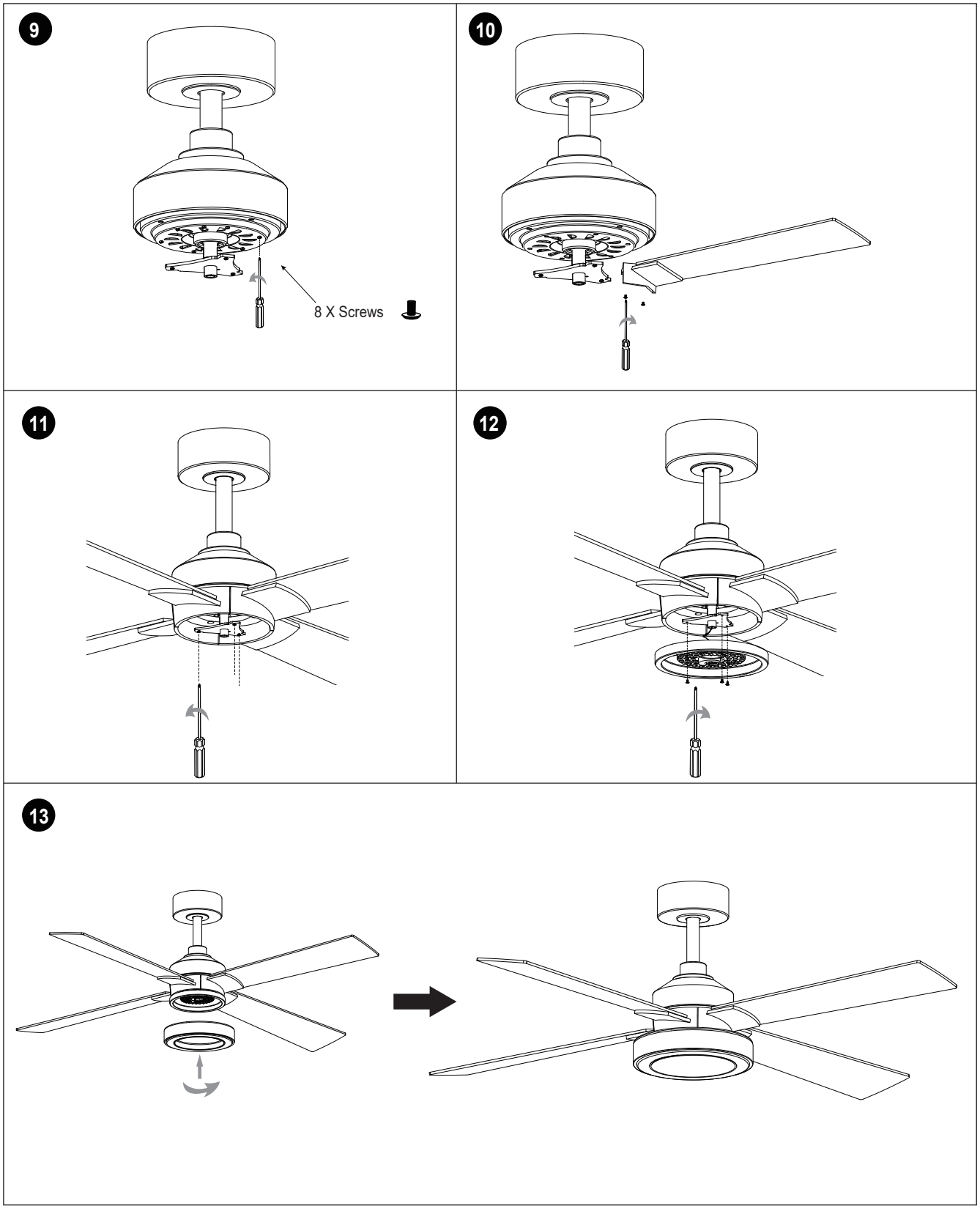
Installing The Fan Blades:

8. Attach the fan blade to the fan blade bracket using the blade screws and washers provided, tighten them firmly. Complete 4 blades assembly.



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9. Remove 8 screws from the motor assembly, place the screws for subsequent.
10. Attach the blade assembly to the fan motor assembly using 8 removed screws and tighten firmly.
11. Remove 3 screws from motor assembly.
12. Connect the wires of the fan motor assembly with light kit. Attach the light kit to the fan motor assembly using removed 3 screws and tighten firmly.
13. Attach the light shade to the light kit in place and rotate the light shade clockwise.



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Remote Controller Instruction of Installation and Operation

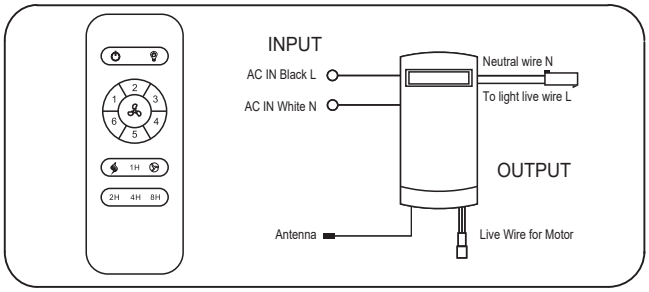
1. INSTALLING RECEIVER IN CEILING FAN

A. Safety precautions:

WARNING: HIGH VOLTAGE! Disconnect power by removing fuse or switching off circuit breaker.
Do not use with solid state fans.
Electrical wire must meet all local and national electrical code requirements.
Supply for fan must be 110/120 volt, 60Hz. 3.5A
Maximumfan motor amps: 1.0, Maximum light watts:180 incandescent or ballast and LED.
Otherwise power can cause serious injury or death.

B. Installing receiver in fan: (FIG.2)

a. Remove power from the circuit.
b. Remove ceiling fan canopy from the mounting bracket.
c. Disconnect existing wiring between ceiling fan and Supply in electrical junction box.
d. Make connections as follows, using the wire nuts supplied: (FIG.1)



CAUTION: Ceiling Angle Shall Not Exceed 30 Degrees, For Mounting Controller.

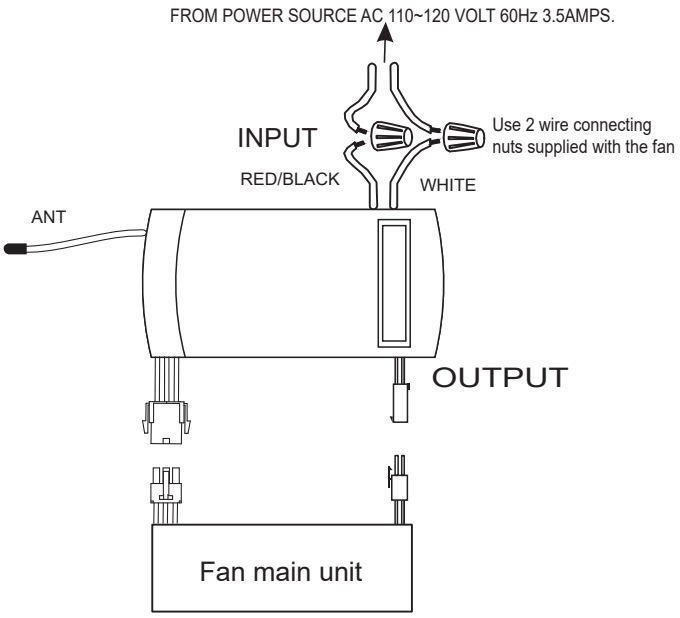


FIG.1

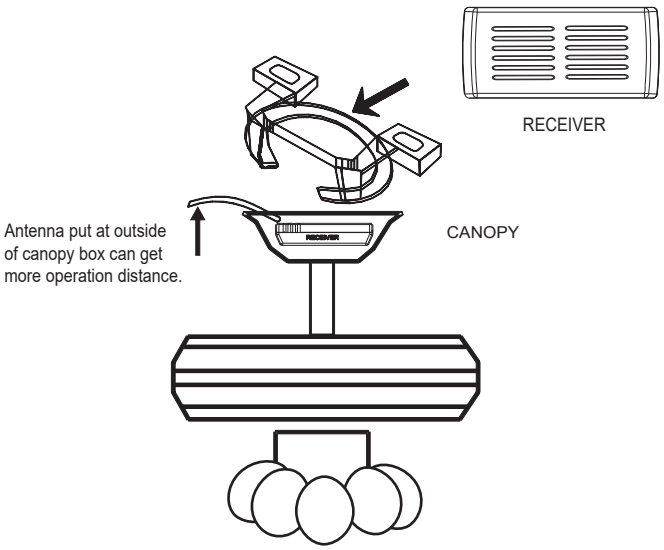
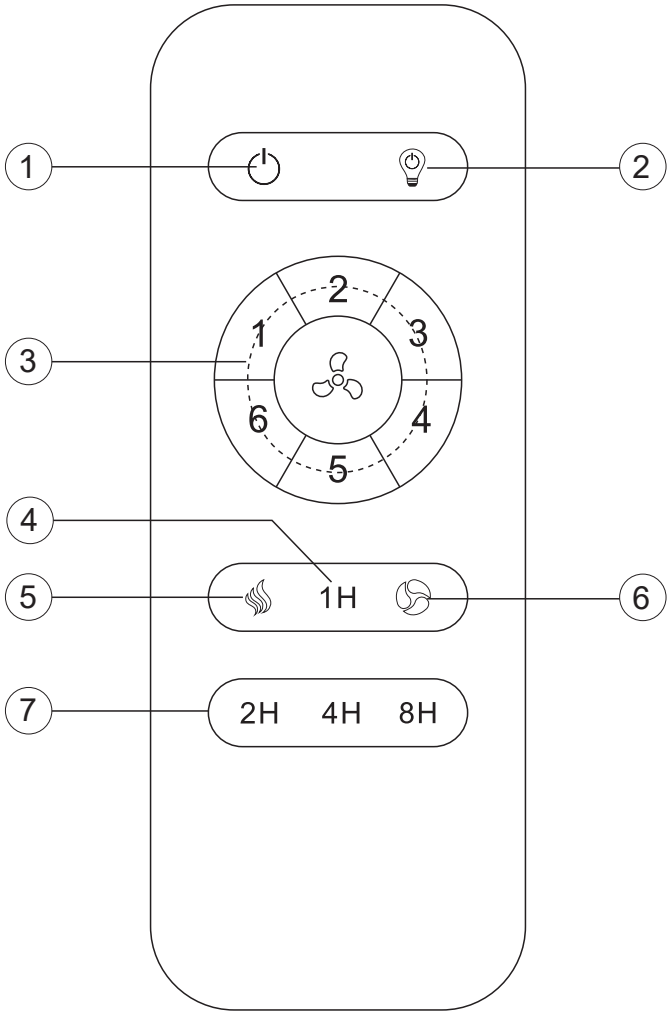
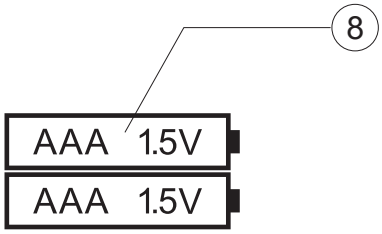


FIG.2

If other fans or supply wires are different color, have this unit installed by qualified licensed electrician.
a. Push all connected wires up into junction box.
b. Lay the brown antenna wire on top of the receiver, and put the receiver into the mounting bracket.
c. Reinstall the canopy on the mounting bracket.
d. Restore power.
e. Install 2 AAA 1.5 volt battery. (To prevent damage to transmitter, remove the battery if not used for a long time).
f. Store the transmitter away from excessive heat or humidity.
g.This remote control unit is equipped with roll code combinations. In order to prevent possible interference from or to other remote units such as garage door openers,car alarm or security system. If you find that your fan and light kit go on and off without using your remote control, simply change the code combination in your transmitter and receiver.

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1. Power Switch
2. Light Switch
3. Speed Controller
4. Timer 1H
5. Natural Wind
6. Forward and reverse
7. Timer 2H / 4H / 8H
8. 2 X1.5V AAA Battery

Actual use shall be subject to the real product

Learning method of remote control:

Power on the receiver, press the ⏻ key at the emitter at once. The learning is succeed, when hear doule beep ringing from the loud speaker.

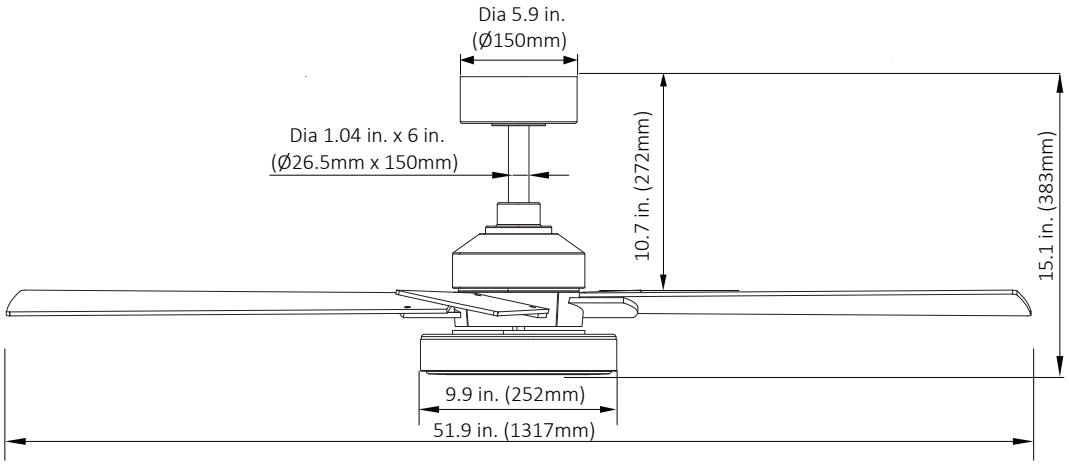
- RF wireless digital transmission technology is adopted to realize the one-to-one control providing a rate of coincident code less than 1/50000. Same code number is attached to the back of the emitter and the receiver. It is required to return a pair of the same code number of emitter / receiver to the manufacturer for repair service in case of any damage.
- In a sufficient space, you can use the receiver at any angle, no worry about the direction.

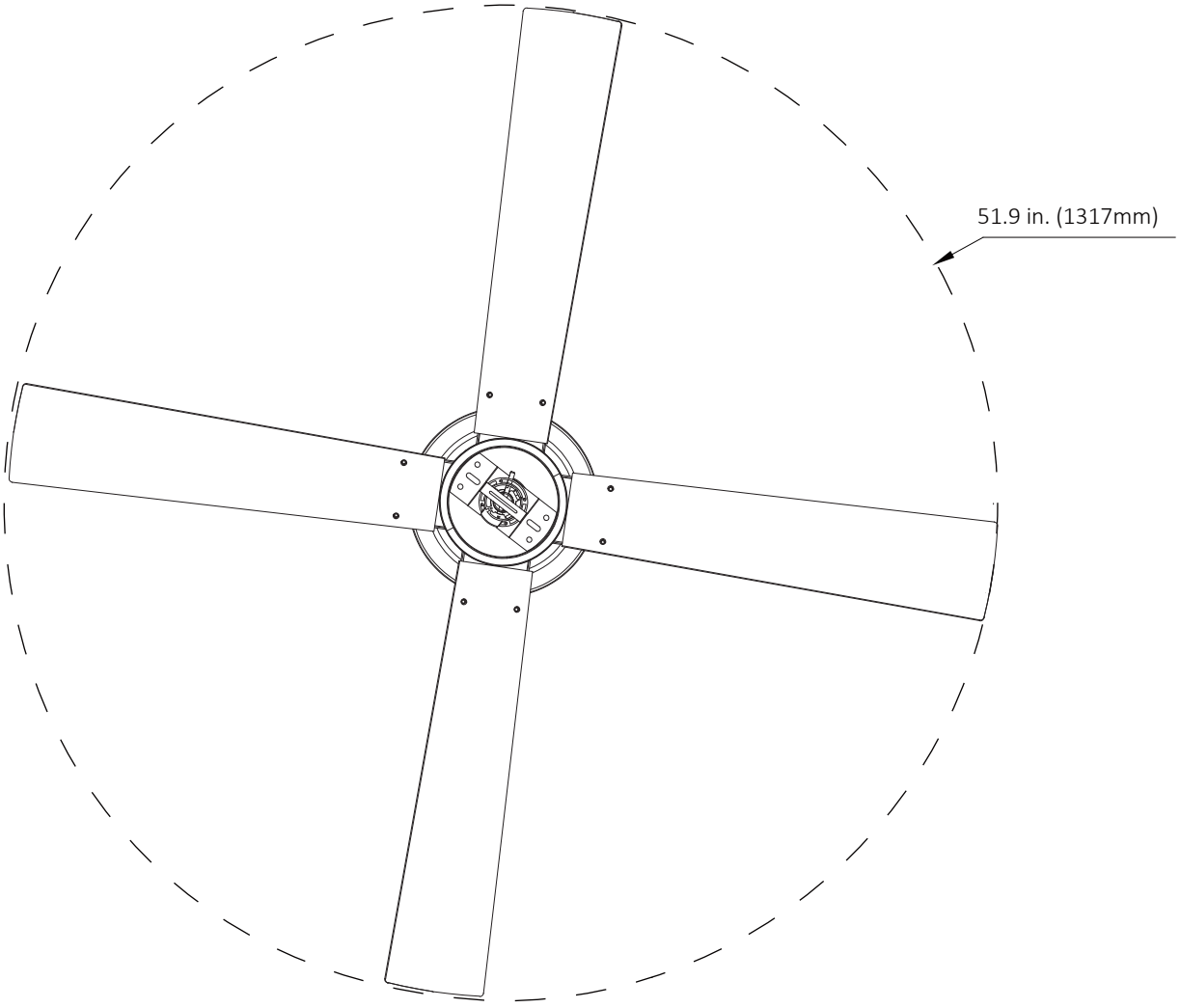
NOTICES

1. When the emitter is unable to remotely control the receiver, please check whether the switch batteries are in good contact, whether they are fixed properly and whether they run out of use.
2. When the emitter is unable to remotely control the receiver, please check whether there is other remote control products around the space and check whether the keys are pressed down, because same nature of remote control product may cause interference with each other resulting in poor receiving effect. Taking away such articles will normalize the remote control function. (the infrared remote controller is not included).
3. Please use this product under applicable voltage. Too low voltage will lead to failure of the remote controller to work (Please refer to the product label for the voltage range and related parameters).
4. Please take out the batteries if you will no use this product for a long time.

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PRODUCT SIZE





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Troubleshooting

Try these troubleshooting steps before contacting the Customer Service. For additional operation, maintenance, and troubleshooting information, please contact our customer service center.

SYMPTOM	POSSIBLE SOLUTION
Fan not spinning	1. Make sure the fan is getting power. 2. Check your circuit breaker or fuse panel and wall switch for functionality. 3. Fan wires are connecting with the house wires correctly. 4. Remote control must be paired with the fan within 10 minutes after the fan getting power. 5. If you have paired the App but the fan still didn't work (light and fan both did not work) or could not pair the App to the fan, try to reset the fan: to reset the fan, cut the power for 10minutes, then turn the power on and press the pairing button on the remote for 5 second still hear beep sound, then pair the Carrohome App again. 6. Use a multi-meter and test the adapter wiring harness to see if there is any electrical output. 7. All the pin wiring on the circuit board are inserted tight and in the right position. 8. Remote need to pair with the fan first. 9. Make sure the fan blades spin freely. 10. If you are using a wall control, check the power to the breaker from your control and try working your ceiling fan manually. (Normal switch only for the fan power on/off)
Fan light not working	1.Make sure LED wires are connected to the circuit board. 2. Make sure the whole fan is powered. 3. Remote need to pair with the fan first, correctly and in the retention slot.
The fan is noisy and wobbling	1. Check if the blade screws are NOT rubbing against the round plastic part of the motor. 2. Check the pin wire are NOT connected against the moving part. 3. Check the down fan cup is NOT hitting the motor. 4. Confirm the canopy is NOT touching the ceiling while the fan is in operation 5. Check the downrod is NOT slanted. 6. Tighten any loose screws on the light kit, fan blades, motor coupling. downrod, brackets and mounting hardware. 7. Confirm the hanger ball is fimly seated in the mounting bracket. 8. The ceiling beam must meet the minimum tensile test strength of 30KG for installation. 9. Make sure the airfoils and brackets are NOT bent or deformed. 10. Verify the wire connections are not rattling against each other. 11. Verify the fan blades are not cracked. If the fan blades are cracked, replace the damaged blades with a new blade set from the same brand as your ceiling fan to ensure compatibility. 12. The light kit is NOT slanting and hitting the motor.
Unable to pair remote and App (Only for smart Fan)	1.Check if the wires are connected in the right position or not. 2. Checkthe batteries in the remote. 3. Disconnect the power for 10 minutes, reconnect the power and pair the remote with the fan immediately, within 5 seconds. Also try pairing the App to reconnect 4. The WiFi must be 2.4Ghz, incompatible with 5Ghz WiFi or combine with 5Ghz. 5. App must in the new version. 6. Connect with correct App "Vaczon Home"
Fan or light turning on or off by themselves	1. Confirm the circuit breaker is not malfunctioning 2. Verify the wire connections are not frayed. 3. Check the App is not set the timer or schedule. 4. Cut the fan power for 10 minutes then power on again. 5. All the pins wiring on the circuit board are inserted tight and in the right position.

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WOBBLE

The fan blades have been adjusted in the factory to minimize any wobble

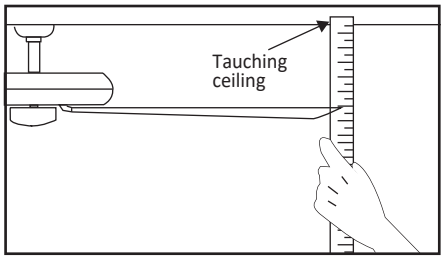
NOTE: CEILING FANS TEND TO MOVE DURING OPERATION DUE TO THE FACT THAT THEY ARE MOUNTED ON A RUBBER CROMMET. IF THE FAN WAS MOUNTED RIGIDLY TO THE CEILING, IT WOULD CAUSE EXCESS VIBRATION. MOVEMENT OF A FEW CENTIMENTERS IS QUITE ACCEPTABLE AND DOES NOT SUGGEST ANY PROBLEM
TO REDUCE THE FAN WOBBLE, PLEASE CHECK THAT ALL SCREWS WHICH SECURED THE MOUNTING BRACKET AND DOWNROD ARE SECURE.

BALANCING A WOBBLING CEILING FAN

For your convenience, a Balancing Kit is included, please follow this procedure when balancing the fan:

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"(0.32cm).



3. If the blade wobble is still noticeable, use the enclosed Blade Balancing Kit.

4. 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.

NOISE
When it is quiet (especially at night) you may hear occasional small noises. This is normal. Please allowa 24-hour “breaking-in” period, most noises associated with a new fan disappear during the time.

CARE AND CLEANING
1. Periodic cleaning of your ceiling fan is the only maintenance required. Use a soft brush or lint free cloth to avoid scratching the paint finish. Please make sure to turn off electricity power before you clean your fan

2. Do not use water when cleaning your ceiling fan. It could damage the motor or the blades and create the possibility of an electrical shock.

3. Motor has permanently lubricated ball bearing. No need to oil

NOTE:
MAKE SURE THE POWER IS OFF AT THE ELECTRICAL PANEL BOX BEFORE YOU ATTEMPT ANY CLEANING OR REPAIRS.

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