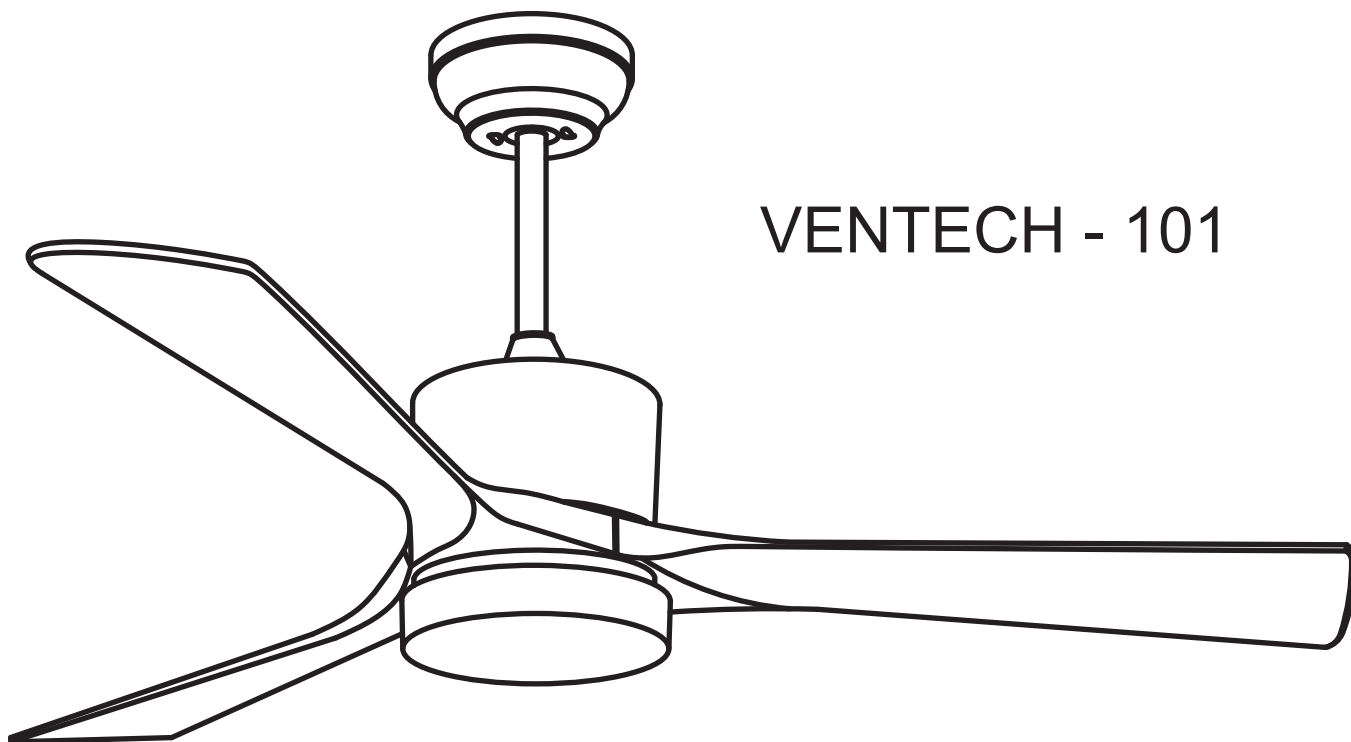


OWNER'S MANUAL

READ AND SAVE THESE INSTRUCTIONS

AC Motor Ceiling Fan



VENTECH - 101

EASY STEP-BY-STEP BY INSTRUCTIONS

Download the vedio



Visual instruction of how to install this fan:

Visit www.amazon.com and enter either the Item or Model number to find this fan and click the link of visual instruction in the product overview section.

Questions, problems, missing parts? Before returning to the store, Contact Seller Customer Service

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READ AND SAVE THESE INSTRUCTIONS

Safety Information

Important Safety Instructions

1. Read all instructions and safety information before installing your new fan. Review the accompanying assembly diagrams.
2. Before installing the fan, disconnect the power by removing fuses or turning off circuit breakers.
3. Make sure all electrical connections comply with local codes, ordinances, or National Electrical Codes. Hire a qualified electrician or consult a do-it -yourself wiring handbook if you are unfamiliar with installing electrical wiring.
4. 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 blades.
5. If you are mounting the fan on a ceiling outlet box, use a metal outlet box. Secure the box directly to the building structure. The outlet box and its support must be able to support the moving weight of the fan (at least 50 lbs.). Do not use a plastic outlet box. Attach the mounting bracket by using the hardware supplied with the ceiling outlet box.
6. If you are mounting the fan to a joist, make sure it is strong enough to support the moving weight of the fan (at least 50 lbs.)
7. After installing the fan, make sure all the connections are secured. This will prevent the fan from falling.
8. Do not insert anything into the fan blades while the fan is operating.
9. Turn the fan off and wait for it to stop before reversing fan direction.
10. To reduce risk of electrical shock and personal injury, do not install the fan on a sloped ceiling.
11. To reduce the risk of electrical shock and personal injury, do not use this fan with any solid-state.
12. To reduce risk of personal injury, use only the two steel screws and lock washers provided with the fan for mounting the outlet box.



WARNING: To reduce the risk of electric shock, this fan must be installed with an isolating wall control/switch.



WARNING: To reduce the risk of personal injury, do not bend the blade arms (also referred to as flanges), when installing the brackets, balancing the blades or cleaning the fan.



WARNING: Do not insert foreign objects between rotating fan blades.



WARNING: To reduce the risk of fire, electric shock or personal injury, mount the fan to the outlet box marked acceptable for fan support with the screws provided with the outlet box.



WARNING: To reduce the risk of personal injury, use only the screws provided with the outlet box.

WARNING:

To avoid fire, electric shock and serious personal injury, please read the above instructions carefully.

Warranty

We warrant the fan motor to be free from defects in workmanship and material present at time of shipment from the factory for a period of lifetime after the date of purchase by the original purchaser. We also warrant that all other fan parts, excluding any glass or acrylic blades, to be free from defects in workmanship and material at the time of shipment from the factory for a period of two years after the date of purchase by the original purchaser. We agree to correct such defects without charge or at our option replace with a comparable or superior model if the product is returned. To obtain warranty service, you must present a copy of the receipt as proof of purchase. All costs of removing and reinstalling the product are your responsibility. Damage to any part such as by accident, misuse, improper installation or by affixing any accessories, is not covered by this warranty. Because of varying climatic conditions this warranty does not cover any changes in brass finish, including rusting, pitting, corroding, tarnishing or peeling. Brass finishes of this type give their longest useful life when protected from varying weather conditions. A certain amount of “wobble” is normal and should not be considered a defect. Servicing performed by unauthorized persons shall render the warranty invalid. There is no other express warranty. We hereby disclaim any and all warranties, including but not limited to those of merchantability and fitness for a particular purpose to the extent permitted by law. The duration of any implied warranty which cannot be disclaimed is limited to the time period as specified in the express warranty. Some states do not allow limitation on how long an implied warranty lasts, so the above limitation may not apply to you. The retailer shall not be liable for incidental, consequential, or special damages arising out of or in connection with product use or performance except as may otherwise be accorded by law. Some states do not allow the exclusion of incidental or consequential damages, so the above exclusion or limitation may not apply to you. This warranty gives specific legal rights, and you may also have other rights which vary from state to state. This warranty supersedes all prior warranties. Shipping costs for any return of product as part of a claim on the warranty must be paid by the customer.

Contact the Customer Service Team at Amazon or email:ledmo_us@hotmail.com

Pre-Installation

SPECIFICATIONS

Fan size	Volts	Watts	N.W.
60 in	110	24	10kg (22.05lbs)



NOTE: These are approximate measures. They do not include amps and wattage used by the light kit.

TOOLS REQUIRED



⊕
screwdriver



⊖ Flat blade
screwdriver



Step
ladder



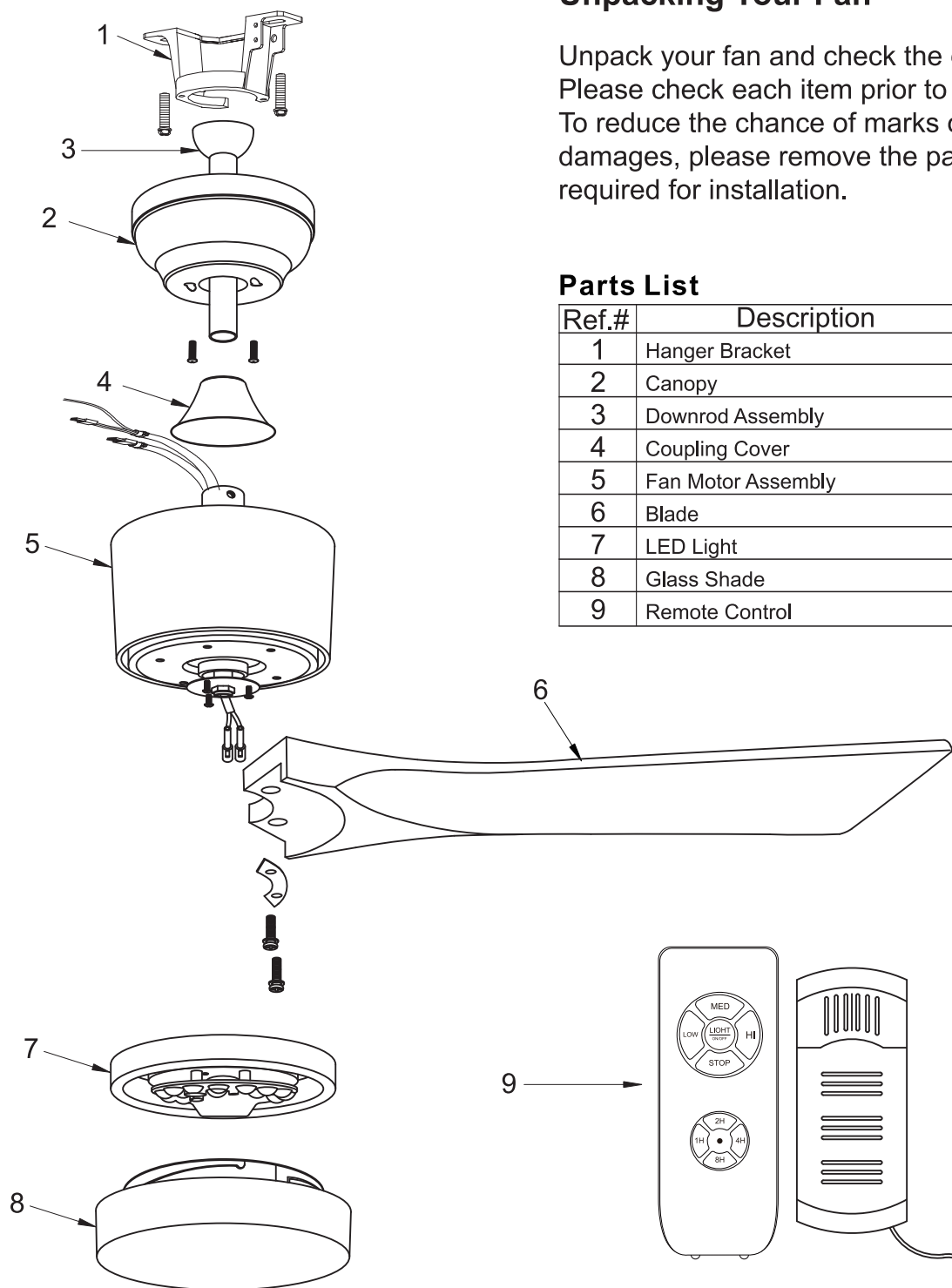
Wire
stripper



Electrical
tape

ASSEMBLY DRAWING & PARTS LIST

Assembly Drawing

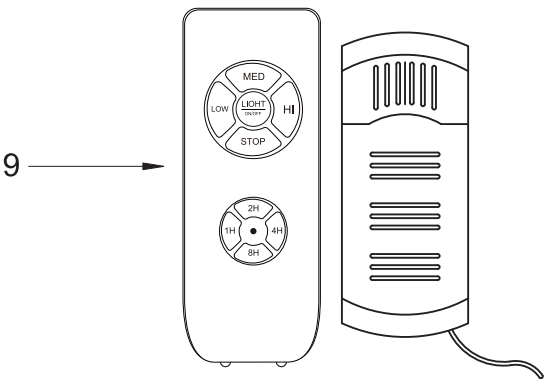


Unpacking Your Fan

Unpack your fan and check the contents. Please check each item prior to installation. To reduce the chance of marks or possible damages, please remove the parts when required for installation.

Parts List

Ref.#	Description	Part#
1	Hanger Bracket	1
2	Canopy	1
3	Downrod Assembly	1
4	Coupling Cover	1
5	Fan Motor Assembly	1
6	Blade	3
7	LED Light	1
8	Glass Shade	1
9	Remote Control	1



HOW TO INSTALL THE FAN

MOUNTING OPTIONS



WARNING: To reduce the risk of fire, electric shock, or personal injury, mount the fan to an outlet box marked acceptable for fan support using the screws provided with the outlet box. An outlet box commonly used for the support of lighting fixtures may not be acceptable for fan support and may need to be replaced. If in doubt, consult a qualified electrician.

1. Securely attach the hanger bracket to the ceiling joist using the lag bolt, flat washers and spring washers supplied (Figure 1)

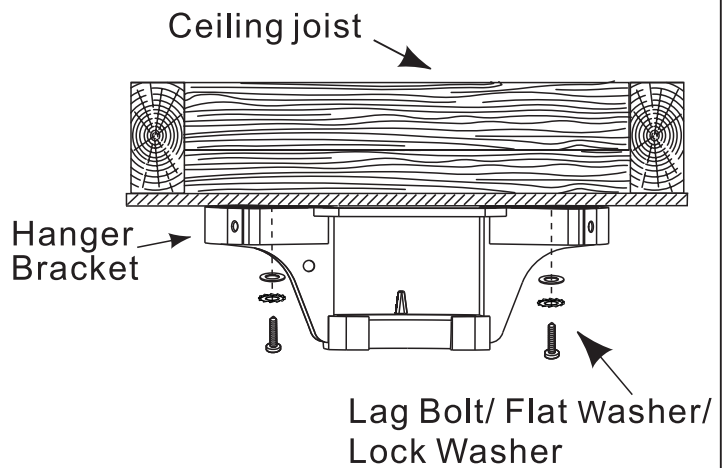


Figure 1

2. Install the fan blades by aligning the holes on the blade with the holes on the fan motor assembly set by the provided set screws. (Figure 2)

Make sure the set screws securing the blade are tight and the blades are properly seated. Repeat this process to attach the other two blades

WARNING

To avoid possible electrical shock, be sure electricity is turned off at the main fuse box before wiring

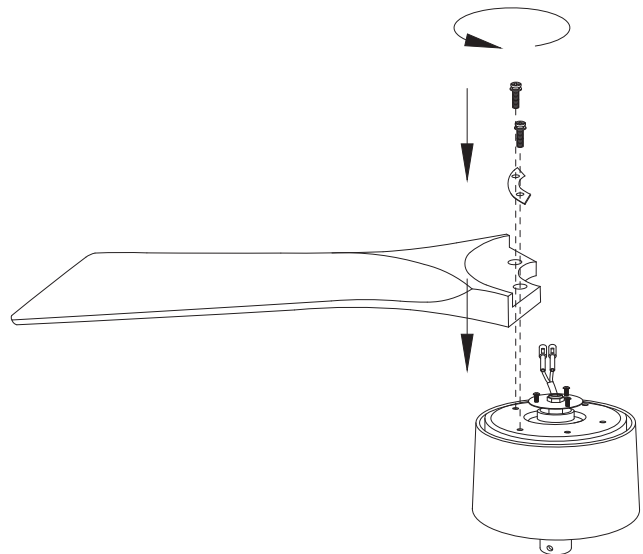
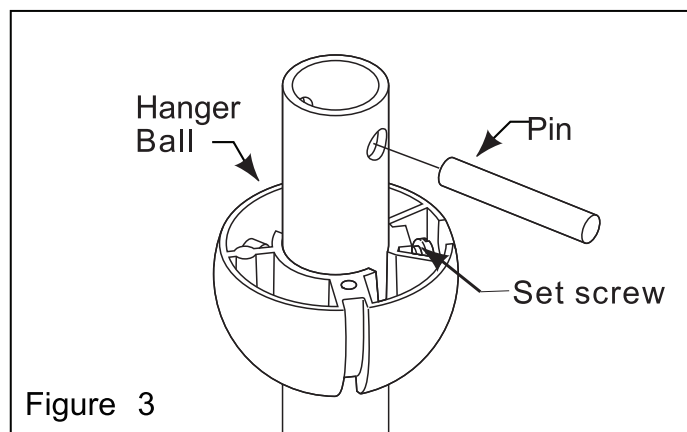


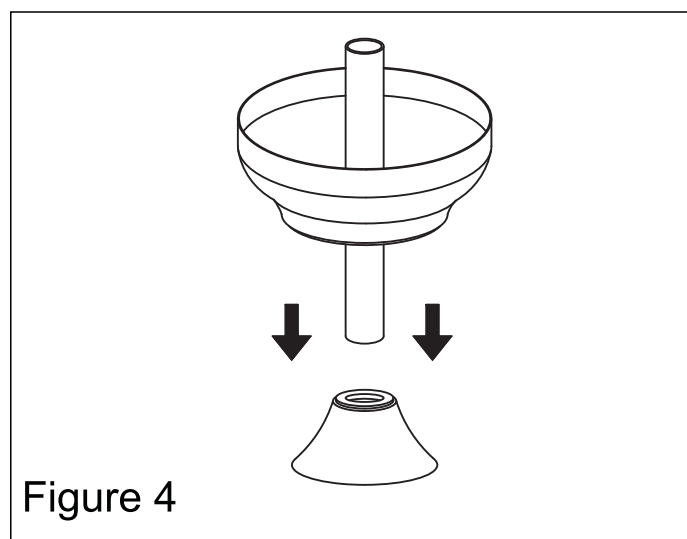
Figure 2

3. Loosen the set screws in the Hanger Ball assembly until the ball slides carefully down the downrod. Remove the Pin from the downrod. (Figure 3)

-Re-install the hanger ball after step 5 below-



4. Remove and save the clevis pin and hairpin of the downrod. Put the downrod through the canopy and coupling cover. (Figure 4)



5. Loosen two set screws on the downrod support and then place the downrod into the downrod support.(Figure 5). Thread the electrical wires and the earth wire through the downrod. Align the Clevis Pin holes in the Downrod with the holes in the Downrod Support. Be sure to push the straight leg of the Hairpin Clip through the hole near the end of the Clevis Pin until the curved portion of the Hairpin snaps around the Clevis Pin. Finally, re-tighten the two set screws.

⚠ WARNING

It is critical that the clevis screw in the downrod support is properly installed and the set screws are securely tightened. Failure to verify the clevis screw, hairpin clip and set screws are properly installed could result in the fan falling.

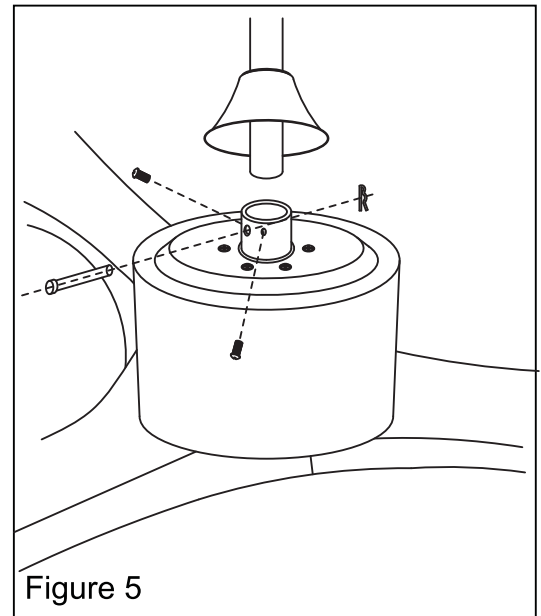


Figure 5

6. Carefully lift the fan, and set the downrod / hanger ball assembly on the hanger bracket attached to the ceiling joist. Be sure the groove in the ball is properly aligned with the tab on the hanger bracket. (Figure 6)

⚠ WARNING

The fan must be hung with at least 230 cm of clearance from floor to blades.

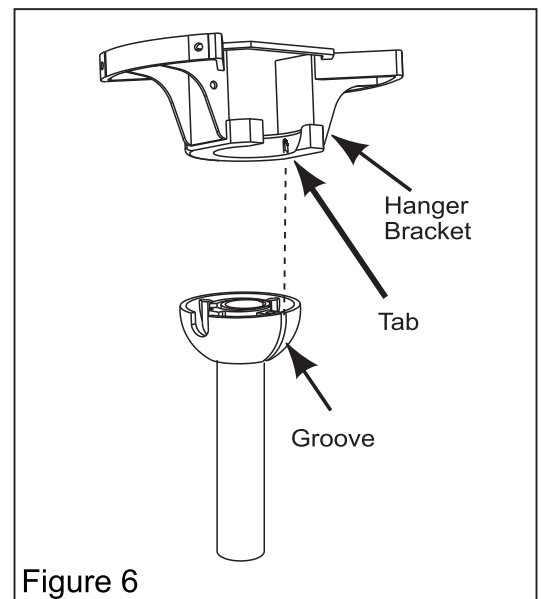
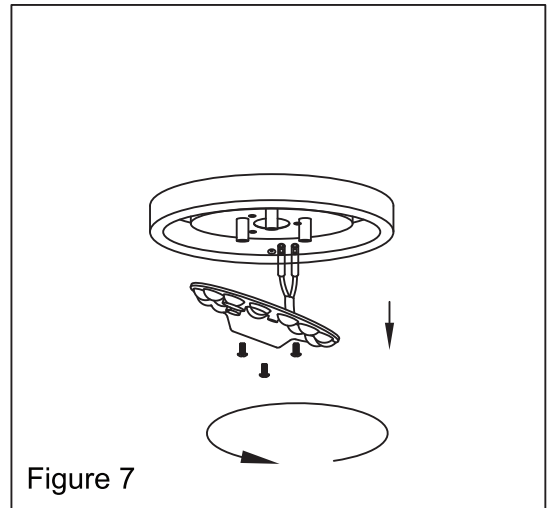


Figure 6

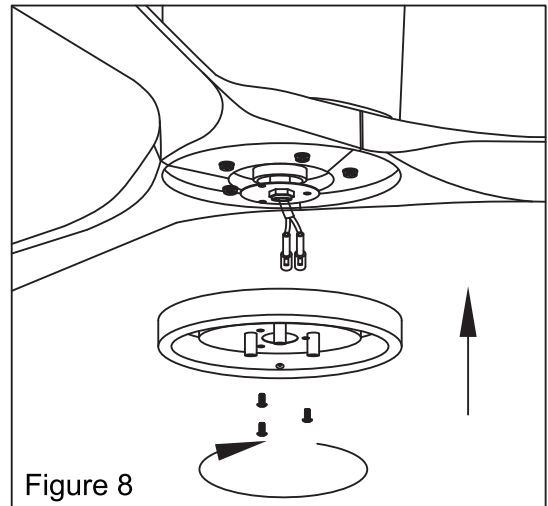
HOW TO INSTALL THE FAN

7. Install the LED light .

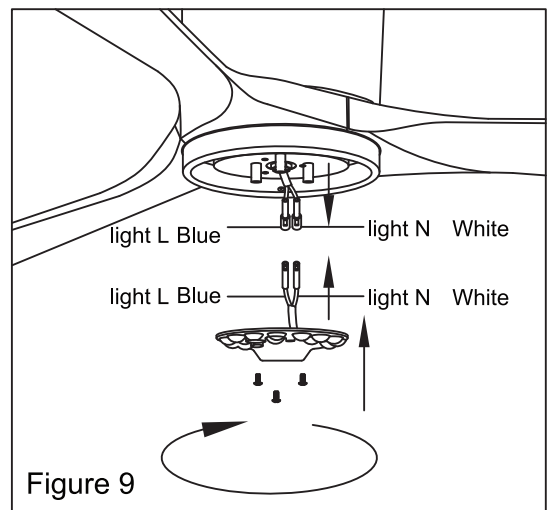
Remove the three screws and the LED from lamp. (Figure 7)



8. Align the lamp holder's screw holes with those on the motor and attach both parts by means of the screws provided. (Figure 8)



9. Connect the LED light's wires to the fan motor's wires. Tongda lamp fixture removed screws tighten LED. (Figure 9)



CAUTION:

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

HOW TO INSTALL THE FAN

10. Connections:

⚠ WARNING

To avoid possible electrical shock, be sure electricity is turned off at the main fuse box before wiring

Connect 110V main power (dwelling) to the Terminal Block located on the hanger bracket. Plug the receiver in the hanger bracket with the flat side facing up.

- Insert the 3P connector of hanger bracket into the AC POWER INPUT socket of receiver
- Insert the 2P light connector of fan motor assembly into the 2P LIGHT socket of receiver
- Insert the 3P motor connector of fan motor assembly into the 3P MOTOR socket of receiver
- Connect the 1P yellow/green connectors of fan motor assembly and hanger bracket.

(Figure 10)

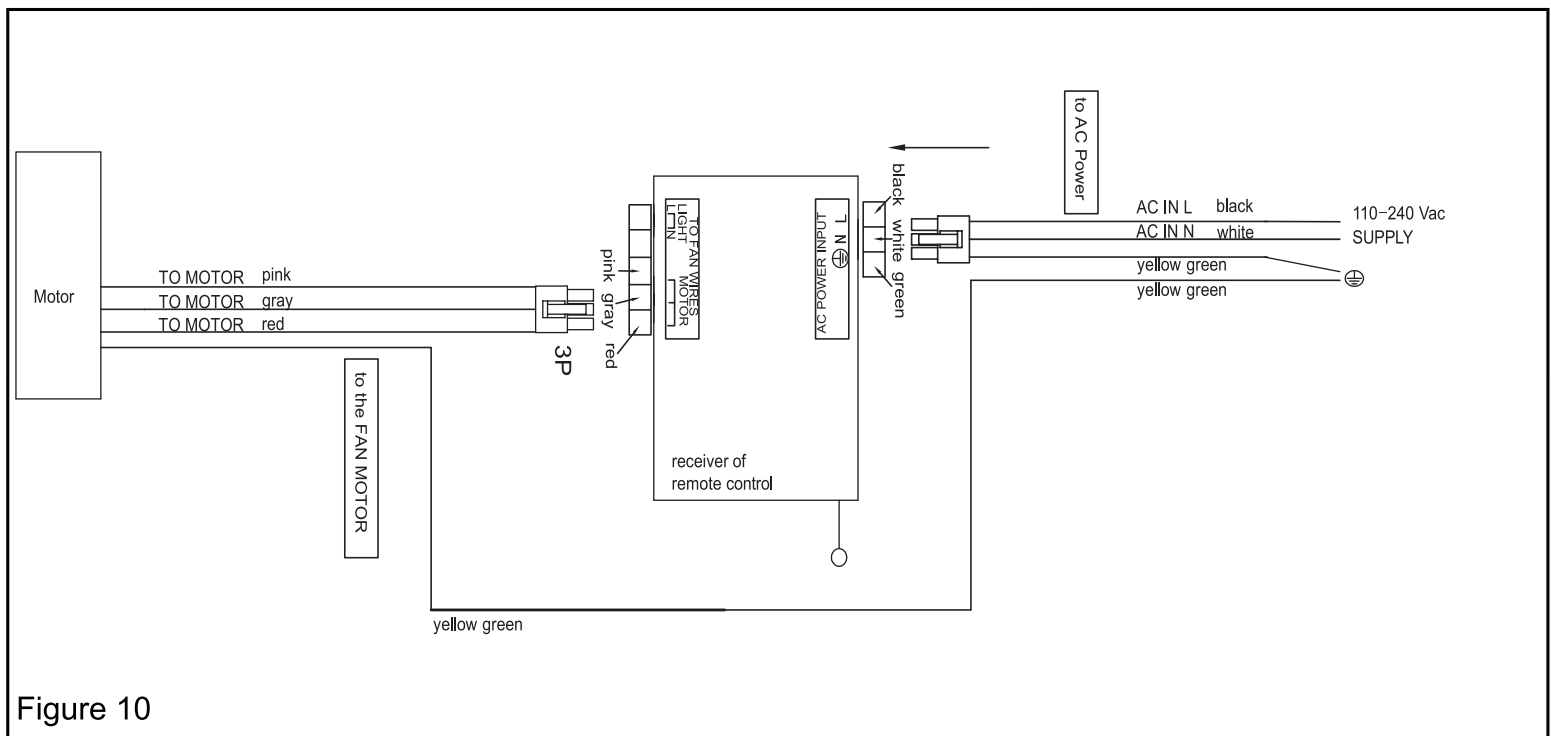


Figure 10



WARNING: To avoid possible electrical shock, be sure electricity is turned off at the main fuse box before wiring.



WARNING: Check to see that **all** connections are tight, including ground, and that no bare wire is visible at the wire nuts (except for the ground wire)



CAUTION: To reduce the risk of electric shock, this fan must be installed with an isolating wall control/switch.



NOTE: DO NOT cut the yellow antenna wire.



NOTE: If there is a red wire coming out of the outlet box, be sure to cap this wire with a wire nut.

If you feel you do not have enough electrical wiring knowledge or experience, have your fan installed by a licensed electrician.

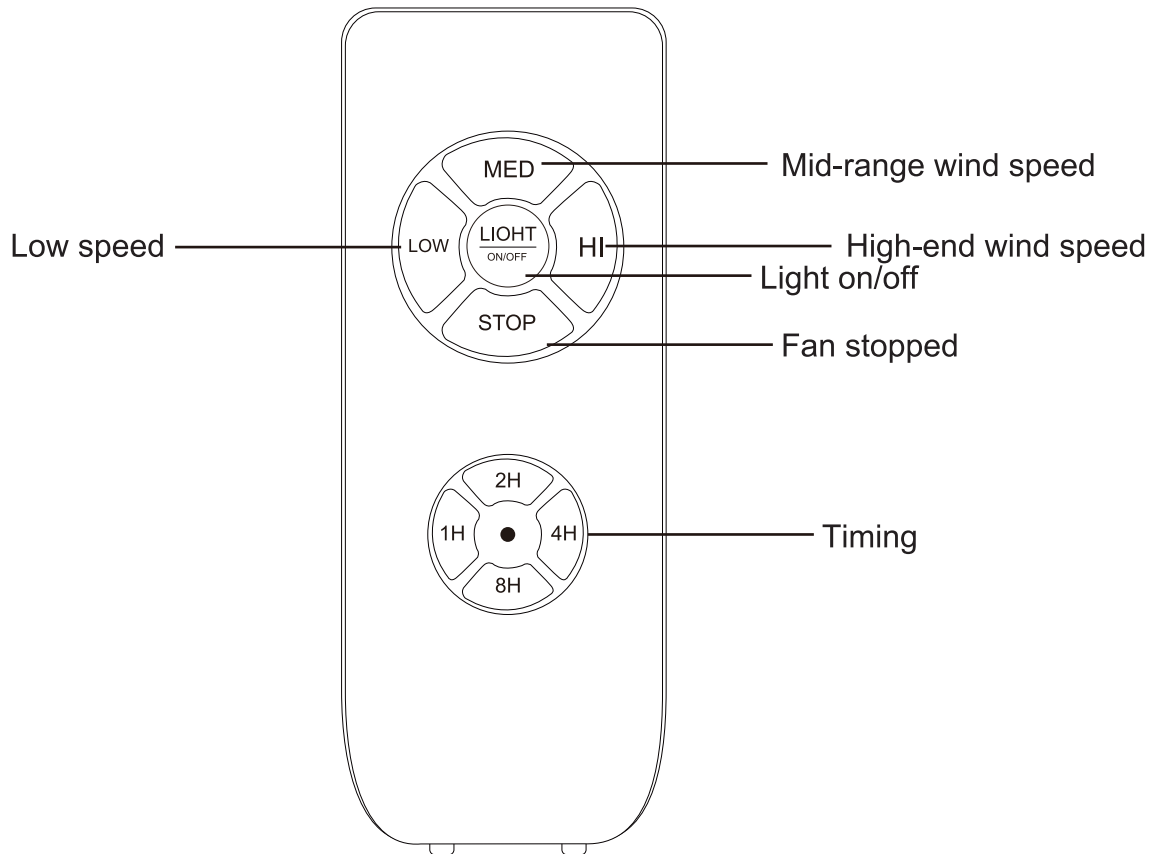
Operation

PREPARING THE TRANSMITTER



NOTE: Batteries will weaken with age and should be replaced before leaking takes place as this will damage the remote control. Dispose of used batteries properly and keep them out of the reach of children.

1. Restore electrical to the outlet box by turning the electricity on at the main fuse box.
2. Remove the battery cover from the remote control transmitter, install the battery, and replace the cover.
3. The buttons on the remote control transmitter control the fan speed and light as follows.



- (1). Use 2 1.5V aaa battery to replace battery.
- (2). If not using for long periods of time, remove the battery to prevent damage to the remote transmitter, and store the remote transmitter away from excess heat or humidity.

Operation (continued)

OPERATING YOUR FAN AND REMOTE CONTROL



NOTE: The fan will need to be reset the next time it is turned on, and the speed setting used last time cannot be stored



NOTE: You must turn the fan on prior to using the speed or time functions.



NOTE: On each start up of your ceiling fan, the fan blades will oscillate back and forth. This is a NORMAL OPERATION for DC motor ceiling fans as they go through a calibration cycle. The fan is NOT DEFECTIVE.

1. Fan  button. - Press and release the  button to turn the fan on or off.

- ☐ When turned on, Select the wind speed, it will start to work at the selected wind speed
- ☐ When turned off, the fan will stop spinning

2. Speed functions

Hi button, increases the fan speed

- ☐ Pressing and releasing the + button one time will increase the speed of the fan. There are three wind speed options.

Lov button, decreases fan speed

- ☐ Pressing and releasing the - button one time will decrease the speed of the fan. There are three wind speed options. At that time the LED bar will be approximately 25%
- ☐ Med button, increases fan speed Pressing and releasing the + button one time will increase the speed of the fan

3. Timer

- ☐ Pressing the timer buttons will automatically turn the fan and light (if light is on) off after 1、2、4 or 8 hours



4. Light ON/OFF

- ☐ Press and release the light button to turn the light on or off.
- ☐ Light on: The fan memory function will resume the light setting (on or off and dim) on the fan prior to the power being turned off.

5. Dimmer

- ☐ Pressing and releasing the "LIGHT ON/OFF" button one time will change the light color.

IMPORTANT: PAIRING BETWEEN REMOTE AND RECEIVER

1. Turn "ON" the power supply and within 30 seconds press and hold the transmitters "FAN ON/OFF" button for 5 seconds and a "beep" will be heard this will then activate a successful pairing and all functions will work normally

IMPORTANT:

pairing initial step must be performed within 30 seconds of power being turned on.

1(a). A remote control can only be matched with one transmitter, which means that if the transmitter is installed in a fan light and matched with the remote control, the remote control can only control this fan light

1(b). please ensure isolation switch is kept to the ON position, the isolation switch is not to be used as a light switch as this will damage and make the remote receiver inoperable

2. If the transmitter functions are not working please check the battery orientation and power level. Low battery voltage will affect the functions of your transmitter and operation of your fan. Other remote controls nearby using the same frequency may cause interference with the Fans receiver.

3. Please remove batteries from the transmitter if leaving unused for an extended period of time.

4. Remote supports 200w maximum on lighting side.

IMPORTANT REMAINDERS

1. Please note: Receiver must be correctly installed in the mounting bracket on fan

2. When the transmitter cannot control the receiver, please check the battery has sufficient charge in the transmitter.

3. When the transmitter cannot control the receiver, please check if there is any existence of similar remote controlled products nearby, causing interference with each other.

4. Low power of battery will affect the sensitivity of the transmitter and the signal reception accordingly, must replace if the battery is getting low power.

5. Please take the battery out from the transmitter when leaving unused for a longtime, to avoid battery leaks.

6. Isolation Switch "Must be connected in the line."

7. When power is cut to the unit (via a blackout or otherwise) when power is restored the light will come on.

Before carrying out any cleaning or maintenance work, always make sure that the appliance is disconnected. LED lights are not removable. LED lights can only be used within the product delivery, they can not be replaced.

PROTECTIVE FUNCTIONS OF THE RECEIVER

Lock protection- The DC motor has a built-in safety feature against blade or motor obstruction during operation. If something obstructs the fan blades or motor, the motor will keep trying to run and then stop operation after about 30 seconds of interruption. Please remove obstacles and reset. To reset: Turn the fan off by remote transmitter and then turn the fan on.

Over load protection (current limit)- The device will limit the maximum current output from the receiver/drive if the fan load has increased abnormally

Tips:

1. If your fan is operates automatically after installation and power on, it is because your fan has memorized the previous factory setting. Use the Universal Mode or the learning function and your fan will be ready for use.
2. If the fan or light isn't working, reset power (turn the power off for at least 5 seconds and then turn the power back on) and redo the learn function setting.
3. It is not possible to remotely operate more than one fan in the same room (in the area where the remote signal can reach to) if they share the same power supply. Separate power supplies (such as using individual wall switches for each fan) is required if you want to separately control more than one fan in same room.
4. When the fan is turned on or operated using forward/reverse function, it shutters & goes back & forth until it turns. This is a normal and it will take a few seconds to run this operation

MAINTENANCE

1. Periodic cleaning of your new ceiling fan is the only maintenance that is needed.
2. When cleaning, use only a soft brush or lint free cloth to avoid scratching the finish.
3. Abrasive cleaning agents are not required and should be avoided to prevent damage to finish.



WARNING

Do not use solvents when cleaning your ceiling fan. It could damage the motor and create the possibility of electrical shock.

RECOMMENDED:

Periodically check that the blade sets to the fan motor setscrews are secure and tight.

BALANCING FAN / WOBBLING TROUBLE SHOOTING

Please note that all ceiling fans are not the same, even in the same model—some may move more or less than others.

Movement of a couple of centimeters is quite acceptable and does not suggest the fan will fall down

Even though all blades are weighted and grouped by weight, it is impossible to eliminate wobble altogether. This should not be considered a fault. Ceiling fans tend to move during operation due to the fact that they are not generally rigidly mounted.

TRY THE FOLLOWING TO REDUCE A WOBBLING FAN;

1. Check that all of the blade mounting screws are tightened and secure.
2. Wobbling problems may result from inconsistent blade level. To check the blade level, measure the distance from each blade tip to the ceiling. Note: If measurements are inconsistent:
 - Be sure the blade mount screws are not too tight or too loose, which may cause wobbling due to an unlevel blade tip
 - An out of shape blade can cause wobbling. Check by removing the blade and placing on a flat surface.
3. Blade tracking may be checked simply by use of a household ruler. Place the ruler vertically against the ceiling and even with the outside leading edge of a blade. Note the distance of the edge of a blade compared to the others. Turn the blade slowly by hand to check the remaining blades.
If a blade is not in alignment, the blade is either out of shape, warped or the blade screws are not evenly tighten or either loose.

BALANCING KIT

A Balancing Kit has been provided to assist with reducing a wobble. Please retain the kit as it may become useful should the fan develop a wobble in the future. Instructions on how to use the Balancing kit can be found within the Kit

Warranty

Do

- Check the support connections, brackets, and blade 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 ceiling
- Clean your fan periodically. 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.
- (Optional) Apply a light coat of furniture polish to the wood blades.
- (Optional) Cover small scratches with a light application of shoe polish.

Do not

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

Troubleshooting



WARNING: Make sure the power is off at the electrical panel box before you attempt any repairs. Refer to step "Making the electrical connections" on page 9

Problem	Solution
The fan will not start.	□ Check the main and branch circuit fuses or breakers.
	□ Check the line wire connections to the fan and switch wire connections in the switch housing.
	□ Check to make sure the frequency switches from the remote control and receiver are set to the same frequency.
The fan sounds noisy.	□ Make sure all motor housing screws are snug.
	□ Make sure the screws that attach the fan blade arm to the motor hub are tight.
	□ Make sure the wire nut connections are not rattling against each other or the interior wall of the switch housing.
	□ Allow a 24-hour "breaking-in" period. Most noises associated with a new fan disappear during this time.
	□ If using the ceiling light kit, make sure the screws securing are tight. Check that the light bulb is also secure.
	□ Make sure there is a short distance from the ceiling to the canopy. It should not touch the ceiling.
	□ Make sure your ceiling box is secure and that rubber isolator pads are used between the mounting bracket and outlet box.

Troubleshooting (continued)

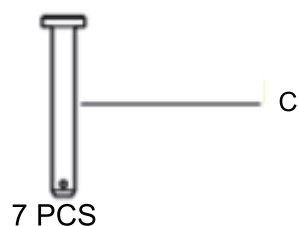
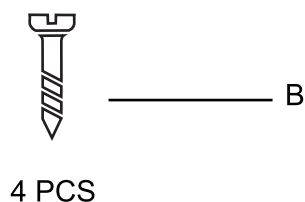
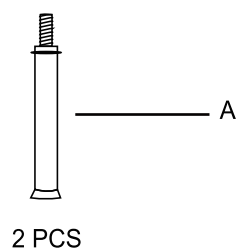
Problem	Solution
The remote control is not working.	☐ Do not connect the fan with wall mounted variable speed control(s).
	☐ Make sure the frequency switches are set correctly.
The fan wobbles.	☐ Verify that all blades and blade bracket screws are secure (most fan wobble problems are caused by loose parts). Once the fan is properly installed, run the ceiling fan for 10 minutes to let the fan self-adjust. If wobble occurs after running the fan for 10 minutes, verify blade level using the following process: - Select a point on the ceiling above the tip of one of the blades, then select any fan blade and measure from the center of the selected blade to the point on the ceiling. Rotate the fan until the next blade is positioned and repeat the measurement using the same point from the ceiling for every blade. Measurement deviations should be within 1/8 in..

Pre-Installation (continued)

HARDWARE INCLUDED



NOTE: Hardware shown to actual size unless noted otherwise in the table below.



Part	Description	Quantity
A	Hanger screws	2
B	Ceiling fixing screws (not to scale)	4
C	Fan blade fixing screws (not to scale)	7

Note: Other mounting screws are already on the product