



U.S. Patent: D476,728

COMOTM
BY
minkaAire[®]
A Minka Group[®]Co.

INSTRUCTION MANUAL WARRANTY CERTIFICATE

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Minka-Aire® warranty is for one (1) year from the date of purchase from an authorized Minka-Aire® dealer. This warranty is only valid to the original purchaser or user against all defects in material and workmanship (light bulbs excluded) for one (1) full year. Additionally, Minka-Aire® warrants the motor only for the lifetime of the Minka Aire ceiling fan (excluding wall controls and electrical components), to the original purchaser or user.

- * The warranty is voided with the use of any non- Minka-Aire® electrical devices, E.g., wall controls or electrical dimmer switches, etc...
- * The warranty is void once the original purchaser or user ceases to own the fan or the fan is moved from its original point of installation.
- * The warranty is void with the use of any hanger bracket (non-Minka Aire or non-fan specific) other than the hanger bracket supplied & installed with this specific fan.

Warranty Service Information

To obtain warranty service during the warranty period, the purchaser should return the fan with the sales receipt to the original place of purchase. The authorized Minka-Aire® dealer, at its sole discretion, will either repair or replace the fan after verifying the legitimacy of the warranty claim. Replacement is subject to availability of the same model. If the model is unavailable it will be replaced by one of equal value. This is a limited warranty; The original purchaser or user is responsible for the cost of removal and reinstallation of repaired or replacement product.

To obtain the name of the Minka-Aire® authorized dealer nearest you call the Minka-Aire® customer care department at 1-800-307-3267, or contact Minka-Aire® through www.minkagroup.net and select FAQ to answer any questions, or, if you require additional assistance, submit the the question form found there.

Date Purchased _____ Store Purchased _____ Model Number F603 Serial Number _____

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SAFETY FIRST

1. Before you begin installing the fan, shut the power off at the circuit breaker or the fuse box.
2. Be Cautious! Read and save all instructions and safety information before installing your new fan. Review the accompanying assembly diagrams.
3. Make sure that 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 lowest edge of the blades and 18 inches from the tip of the blade to the wall.
5. If you are mounting the fan to a ceiling outlet box, use a U.L. Listed metal octagonal outlet box marked "Acceptable for fan support". 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.
6. Secure the hanger bracket using the hardware supplied with the outlet box.
7. If you are mounting the fan to a joist, make sure it is able to support the moving weight of the fan (at least 50 lbs.)
8. After you install the fan, make sure that all mountings are secured to prevent the fan from falling.
9. Do not insert anything into the fan blades while fan is operating.
10. Turn the fan off and wait for it to stop before performing any maintenance or cleaning.

ATTENTION: The Energy Policy Act of 2005 requires this fan to be equipped with a 190 watt limiting device. If lamping exceeds 190 watts, the ceiling fan's light kit will shut off automatically.

NOTE: The important safeguards and instructions appearing in this manual are not meant to cover all possible conditions and situations that may occur. It must be understood that common sense, caution and care are factors which can not be built into this product. These factors must be supplied by the person (s) installing, caring for and operating the unit.

NOTE: READ AND SAVE ALL INSTRUCTIONS!

WARNING

TO REDUCE THE RISK OF FIRE, ELECTRIC SHOCK OR OTHER PERSONAL INJURY, MOUNT FAN ONLY TO A U.L. LISTED OUTLET BOX OR SUPPORTING SYSTEM MARKED ACCEPTABLE FOR FAN SUPPORT AND USE MOUNTING SCREWS PROVIDED WITH THE OUTLET BOX IN CONJUNCTION WITH THE LOCK WASHERS PROVIDED WITH THE FAN. MOST OUTLET BOXES COMMONLY USED FOR FAN SUPPORT OF LIGHTING FIXTURES ARE NOT ACCEPTABLE FOR FAN SUPPORT AND NEED TO BE REPLACED. CONSULT A QUALIFIED ELECTRICIAN IF IN DOUBT.

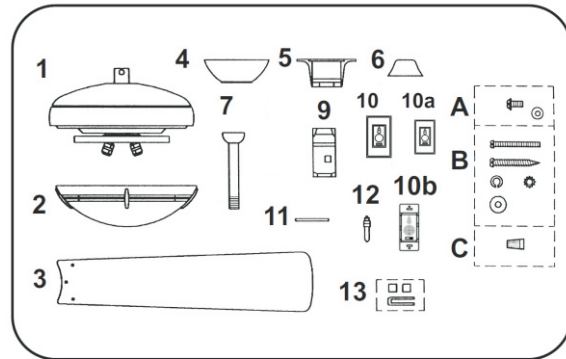
TO REDUCE THE RISK OF PERSONAL INJURY, tDO NOT BEND THE BLADE HOLDERS WHILE INSTALLING, BALANCING THE BLADES OR CLEANING THE FAN. DO NOT INSERT FOREIGN OBJECTS BETWEEN ROTATING FAN BLADES.

TO REDUCE THE RISK OF FIRE OR ELECTRONIC SHOCK, THIS FAN ONLY CAN USE CFR-3T SOLID-STATE SPEED CONTROL WITH TR111A WALL CONTROL ONLY.

PACKAGE CONTENTS

- | | |
|-----------------------------|-------------------------------|
| 1. Fan motor/housing ass'y | 10b. Wall Transmitter Incl. 2 |
| 2. Glass shade | Mounting Screws and 3 |
| 3. Fan blade(5 pcs) | Wire Nuts |
| 4. Canopy | 10. Extra Wall plate w/2 |
| 5. Mounting bracket | mounting Screws |
| 6. Coupling cover | 11. Canopy cover |
| 7. Standard downrod ass'y | 12. Halogen bulb(2 pcs |
| 9. Receiver with 6 wire | 75w) |
| nuts | 13. Balancing kit |
| 10a. Wall plate(includes 2- | A. Blade Attachment |
| 6x8mm mounting screws | Hardware: |
| & 2 wire nuts) | 3/16"x1/2" screws(16 pcs) |
| | Fibre washers(16 pcs) |

- B. Mounting Hardware:
 #8-32 X 1 1/2" machine
 screws (2 pcs)
 #10 x 1 1/2" wood screws
 (2 pcs)
 Spring washers (2 pcs)
 Star washers (2 pcs)
 Flat washers (2 pcs)
- C. Wire Nuts (3 pcs)



Tools Required: Phillips screw driver; slotted screw driver; step-ladder; wire cutters; electrical tape.

INSTALLING THE FAN

MOUNTING OPTIONS

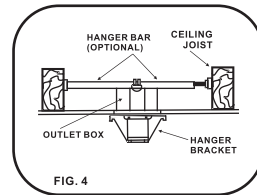
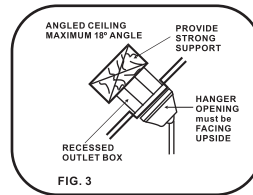
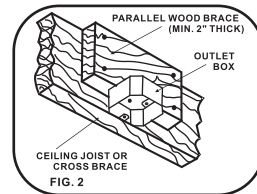
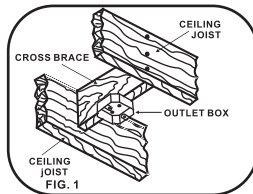
If there isn't an existing mounting box, then read the following instructions. Disconnect the power by removing fuses or turning off circuit breakers.

Secure the outlet box directly to the building structure. Use appropriate fasteners and building materials. The outlet box and its support must be able to fully support the moving weight of the fan (at least 50 lbs.). Use a UL Listed metal outlet box. Do not use a plastic outlet box.

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

Note: You may need a longer downrod to maintain proper blade clearance when installing on a steep, sloped ceiling. Longer downrods are available from your Restoration Hardware dealer.

To hang your fan where there is an existing fixture but no ceiling joist, you may need to install a hanger bar as shown in Fig. 4 (available at your Restoration Hardware dealer).

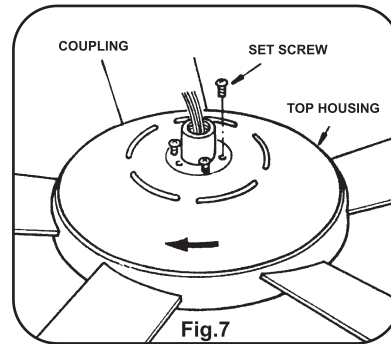
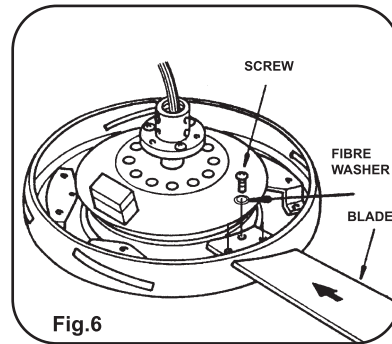
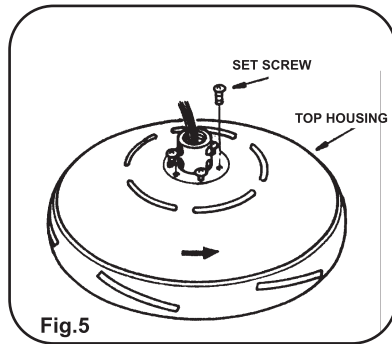


ATTACHING THE BLADES

Step 1. Remove the bottom styrofoam packaging from the box and use it to support the fan.

Step 2. Remove the 6 screws from top housing and lift cover off. (Fig 5)

Step 3. Insert the blade through the slot in the housing. Align holes in blade and motor and secure with proper screws and fiber washers. Repeat process with the other blades. Reinstall top housing cover. (Fig 6 & 7)



HANGING THE FAN

WARNING: All of the parts, hardware and components such as the hanger bracket and hanger ball have been provided for your safety and the proper installation of your new ceiling fan. The use of other parts, hardware or components not supplied by Minka Aire® with the fan will void the Minka Aire® Warranty.

REMEMBER To turn off the power. Follow the steps below to hang your fan properly.

Step 1. Secure the hanger bracket to the ceiling outlet box using screws included with your outlet box and washers included with fan. (Fig 8)

Step 2. Loosen the two set screws from the motor coupling. (Fig.9)

Step 3. Remove hanger ball from downrod assembly by loosening set screws, removing the cross pin, and sliding ball off rod. Then remove the hitch pin and lock pin from downrod. (Fig.10)

Step 4. Carefully feed fan wires up through the downrod. (Fig.11) Thread the rod into the motor coupling, next line up holes and replace the lock pin and hitch pin. Tighten set screws.

Step 5. Slip coupling cover, canopy cover and canopy onto downrod. (Fig.11) Carefully reinstall hanger ball onto rod being sure that the cross-pin is in the correct position, set screws are tighten and wires are not twisted.

Step 6. Now lift the motor assembly into position and place the hanger ball into hanger ball into hanger bracket. Rotate until the check groove has dropped into the registration slot and sits firmly (Fig. 12). Rod should not rotate if this is done correctly.

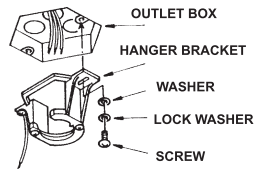


Fig.8

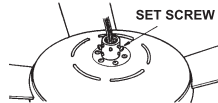


Fig.9

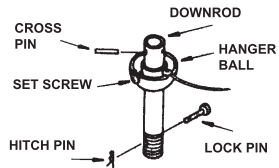


Fig.10

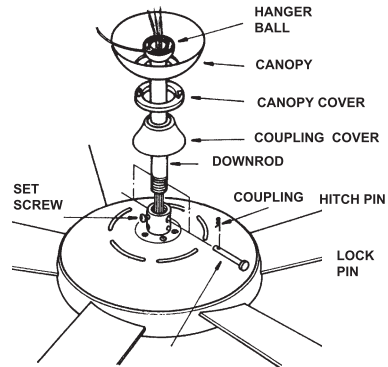


Fig.11

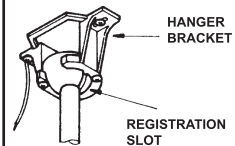


Fig.12

ELECTRICAL CONNECTIONS

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

Note: The Aire Control[®] System is equipped with a learning frequency function which has 256 code combinations to prevent potential interference from other remote units. The frequency on your Receiver and Transmitter units have been preset at the factory.(Fig.13). No frequency change is necessary, should you desire to install another fan within the same home or area with a separate frequency code please see the "frequency interference" troubleshooting section of this instruction manual to learn how to change the frequency.

Step 1.(Fig. 14) Insert the receiver unit into the hanger bracket with the flat side of the receiver facing the ceiling.

Step 2.(Fig. 15 & 16) Motor to receiver Electrical Connections; Connect

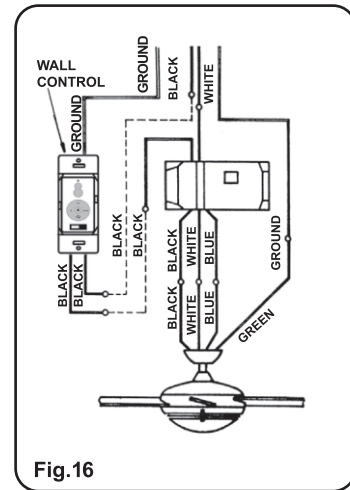
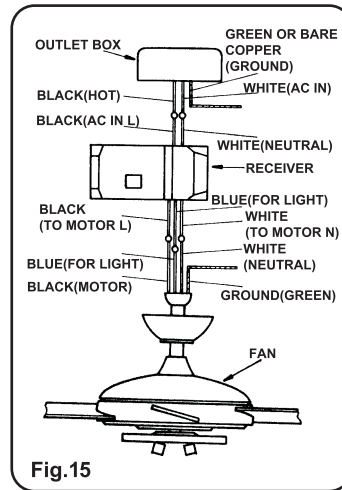
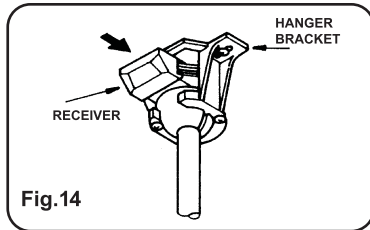
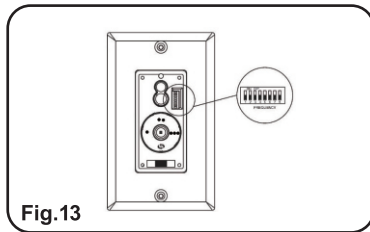
the Black wire from the fan to the Black wire marked "To Motor L" from the receiver. Connect the White wire from the fan to the White wire marked "To Motor N" from the receiver. Connect the Blue wire from the fan to the Blue wire marked "For Light" from the receiver.

Step 3. (Fig. 15 & 16) Receiver to house supply wires Electrical Connections; Connect the Black (Hot) wire from the outlet box to the Black wire marked "AC in L" from the receiver. Connect the White (neutral) wire from the outlet box to the white wire marked "AC in N" from the receiver. Secure all wire connections with the plastic wire nuts provided.

Step 4.(Fig.15 &16)If your outlet box has a ground wire (green or bare copper)connect the fan ground wire from hanger ball and hanger bracket to it; otherwise connect the fan ground wire from the hanger ball and hanger bracket together.

Step 5.After the splices are made, secure connectors with electrical tape. Make sure there are no loose strands or connections.

NOTE: Fan must be installed at a maximum distance of 40 feet from the transmitting unit for proper signal transmission between the transmitting unit and the fan's receiving unit.



INSTALLING THE WALL TRANSMITTER

WARNING! HOOK UP "IN SERIES" ONLY. DO NOT CONNECT NEUTRAL SUPPLY WIRE OF ELECTRIC CIRCUIT TO THE TRANSMITTER WALL SWITCH, DAMAGE TO THE TRANSMITTER WALL SWITCH AND POSSIBLE FIRE COULD OCCUR.

Step 1. Remove the existing wall plate and switch from the wall outlet box.

Step 2. Make the electrical connections as shown in Fig.16. If your outlet box has a ground wire (Green or Bare Copper) connect the Transmitter's ground wire directly to one of the screws from the outlet box . Secure all wire connections with the plastic wire nuts provided.

Step 3. Carefully tuck the wire connections inside the outlet box. The Touch Control™ System provided with your fan includes two sets of face and decorative plate color options. The wall control comes with a standard white faceplate attached. If you desire to replace it with the Ivory color faceplate, use your fingernail or a small flat screwdriver and gently pry it apart from the top or bottom of the plate. Use the screws provided to secure the wall transmitter and wall plate to the outlet box. (Fig. 17)

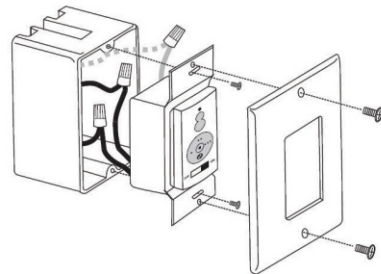


Fig.17

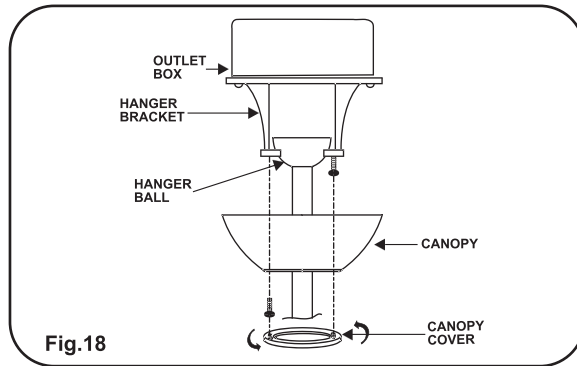
FINISHING THE INSTALLATION

Step 1. Remove 1 of the 2 screws from the bottom of the hanger bracket and loosen the other one half a turn from the screw head.

Step 2. Slide the canopy up towards the 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. (Fig. 18)

Step 3. Align the circular hole on canopy with the remaining hole on the hanger bracket, secure by tightening the two set screws.

Note: Adjust the canopy screws as necessary until the canopy and canopy cover are snug.



INSTALLING THE LIGHT BULB & GLASS SHADE

Attention: The Energy Policy Act of 2005 requires this fan to be equipped with a 190 watt limiting device. If lamping exceeds 190 watts, the ceiling fan's lightkit will shut off automatically.

Warning: Shut off the power supply before removing or replacing lamp. In handling of halogen bulb, care should be taken not to touch it with your bare hands. Oil residue will shorten the life of the halogen bulb. If you accidentally come into contact, wipe thoroughly with a clean, lint-free, cotton cloth. Allow the bulb to cool for 10 minutes before changing the bulb. Use light bulb in accordance with the fan's specifications. **DO NOT EXCEED THE MAXIMUM WATTAGE RATING.**

Step 1. Install 2°–75W halogen bulbs included. (Fig 19)

Step 2. Raise glass shade up against bottom of fan housing and secure it to fan by turning glass clockwise until snug. **DO NOT OVERTIGHTEN.** (Fig 19)

All blade sets are grouped by weight. Because natural woods vary in density, the fan may wobble even though the blades are weight matched. The following procedure should correct most fan wobble. Check after each step.

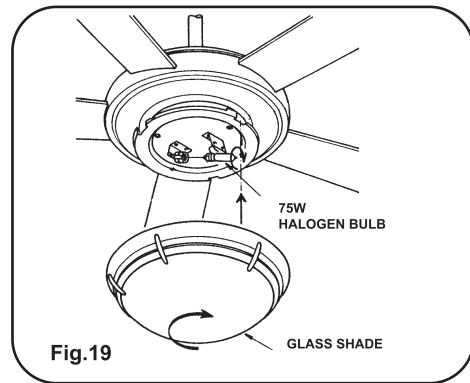


Fig.19

OPERATING THE REMOTE CONTROL/WALL CONTROL

Remote Control fans only: Install the A23, 12v battery (included) . To prevent damage to transmitter remove the battery if not used for long periods of time.

REPLACE THIS ENTIRE PAGE

A. ●●● Buttons:

These buttons are used to set the fan speeds as follows;

- = Low Speed
- = Medium Speed
- = High Speed

B. ■ Button:

This button turns the fan off.

C. ☺ Button:

These buttons turn the light ON or OFF and also

control the brightness settings of the light. The following instructions apply to ceiling fans that feature a DOWN light (☺ button) only or ceiling fans that feature an UP light (☹ button) and a DOWN light (☺ button) that are controlled independent of each other;

Press and release the button for the desired light to turn the light ON or OFF. Press and hold the button to set the desired light brightness. The light will cycle between bright and dim settings as long as the button is pressed.

The light key has an automatic auto-resume

feature that allows the light to remain at the same brightness as the last time it was turned off.

D. OFF-ON Slide Button (Wall Control Fans Only) This button turns the power Off and On to the Fan and Light(s).

E. ↻ Button: (Full Function Remote Control Units Only) This button is used to change the direction of the rotation of the blades; forward for warm weather or reverse for warm weather.

NOTE: If your Remote Control or Wall Control does not have a "REV" button, Please look for a slide reverse switch on the motor housing.

Speed settings for warm or cold weather depend on factors such as room size, ceiling height and number of fans.

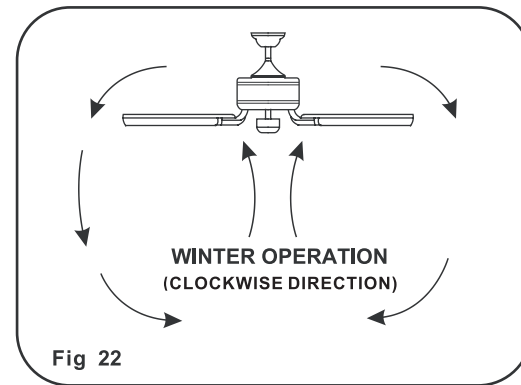
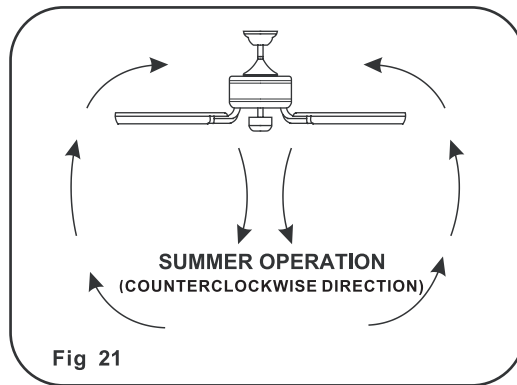
NOTE: To change the direction of the rotation of the blades the fan must be in operation mode.

Warm Weather (forward)

A **DOWNWARD** airflow creates a cooling effect as shown in Figure 21. This allows you to set your air conditioner on a warmer setting without affecting your comfort.

Cool Weather (Reverse)

An **UPWARD** airflow moves warmer air off the ceiling area as shown in Figure 22. This allows you to set your heating unit on a cooler setting without affecting your comfort.



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. Do not use water when cleaning. This could damage the motor, or the wood, or possibly cause an electrical shock.
3. 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.
4. You can apply a light coat of furniture polish to the wood for additional protection and enhanced beauty. Cover small scratches with

a light application of shoe polish.

5. There is no need to oil your fan. The motor has permanently lubricated bearings.
6. All glass should be cleaned using lukewarm soapy water and a soft cloth or sponge. **DO NOT IMMERSE GLASS IN HOT WATER. DO NOT PUT GLASS INTO AN AUTOMATIC DISHWASHER.**

WARNING

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

TROUBLESHOOTING

12

SYMPTOM
Fan Wobble

SOLUTION

1. **NOTE:** All blade sets are grouped by weight. Because wood and plastic blades vary in density, the fan may wobble even though blades are matched.
2. Make sure all blade attachment screws are tight.
3. Make sure outlet box is secured to building structure, if necessary use the wood screws provided to further secure outlet box to joist.
4. Make sure hanger bracket is secure to the outlet box, screws are tight.
5. Use the balancing kit provided if the wobble is excessive (follow instructions included with balancing kit)

SYMPTOM
Fan will not start

SOLUTION

1. Check to make sure the wall switch is turned on.
2. Check circuit fuses or breakers.
3. **Cantion!** Make sure the power is turned off before performing the following steps.
4. Remove canopy and check wire connections.
5. Check wall control transmitter connections (if applicable).
6. **Note:** Fan must be installed from a maximum distance of 40 feet from the transmitting unit for proper signal transmission between the transmitting unit and the fan's receiving unit.

SYMPTOM
Lights shut off and will not come back on.

SOLUTION

1. This unit is equipped with a wattage limiting device. Lamping in excess of 190 watts will disable your ceiling fans light kit. To reset your light kit you must turn the power off and relamp keeping the wattage under 190 watts. Restore power to your ceiling fan and continue normal operation.

SYMPTOM
Fan/Light turn on and off unexpectedly

SOLUTION

2. This is caused by interference. Please see "Frequency interference" for steps to change the frequency.

SYMPTOM
Fan sounds noisy.

SOLUTION

1. Allow a 24-hour 'break in' period.
Most noises associated with a new fan will go away during this time.
2. Make sure all blade attachment screws are tight.
3. Make sure outlet box is secured to building structure, if necessary use the wood screws provided to further secure outlet box to joist.
4. Make sure hanger bracket is secure to the outlet box, screws are tight.

SYMPTOM

Lights shut off and will not come back on.

SOLUTION

1. This unit is equipped with a wattage limiting device. Lamping in excess of 190 watts will disable your ceiling fan's light kit. To reset your light kit you must turn the power off and relamp, keeping the wattage under 190 watts. Restore power to your ceiling fan and continue normal operation.

SYMPTOM

Frequency interference

SOLUTION

1. Turn the power off to your ceiling fan.
2. Please use a small size tool to change the frequency setting on the control system.
3. Return power to the unit. Note: After the AC power is on, do not press any other button on the transmitter before pressing the "Stop" button, doing so will cause the procedure to fail.
4. Within 60 seconds of turning the Fan's AC power ON. Press the transmitter's "Stop" button for 10 seconds.
5. Once the receiver has detected the set frequency, the down light of your fan if applicable will blink twice. (there is no indication if your fan is not equipped with a light).
6. The receiver has now learned the frequency which has been selected on the transmitter. After completing the steps above, you should be able to operate the ceiling fan and light. If the fan is not responding to the transmitter, please turn the power off to the receiver, and repeat the process.

SPECIFICATIONS

These are typical readings. Your actual fan may vary. They do not include amps and wattage used by the light (s).

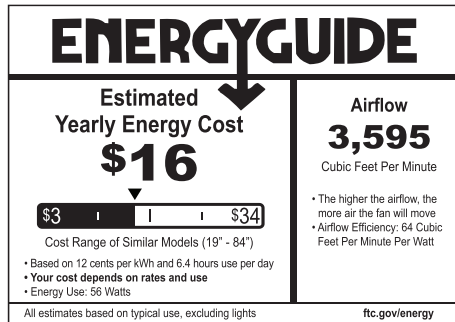
For any additional information about your Minka Aire® Ceiling fan, please write to:

Fan Size	Speed	Volts	Amps	Watts	RPM	N.W.	G.W.	C.F.
54"	Low	120	0.287	13.4	63	12.4 kgs	15.0 kgs	3.7'
	Extra High	120	0.758	91	197			



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PERFORMANCE AND ENERGY INFORMATION



FAN SPEED	AIRFLOW (CFM)*	POWER USE (watts)	AIRFLOW EFFICIENCY (CFM/watt)
Low	1816	13.45	135
High	5323	90.22	59

Ceiling fan airflow is measured in cubic feet per minute (CFM). Power use is measured in watts. To maximize energy savings:

- Choose a fan with high airflow efficiency (CFM/watt).
- Use ENERGY STAR®-labeled lighting in your fan.
- Remember to switch off your fan when you leave the room.

* Measured according to the ENERGY STAR® approved Solid State test method



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