



INSTRUCTION MANUAL WARRANTY CERTIFICATE

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The 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 warrant |
| 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 |
| 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 question form found there.

Date Purchased ______ Store Purchased _____ Model Number ____ F531-L Serial Number _____

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- SAFETY RULES

 1. Before you begin installing the fan, shut power off at the circuit breaker of the fuse box.
 - 2. Be cautious! Read all instructions and safety information before installing your new fan. Review 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-vourself 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 and 18 inches from the tip of the blades to the wall.
 - 5. If you are mounting the fan to a ceiling fan 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 pounds) Do not use a plastic box.
 - 6. Caution: To reduce the risk of injury use only the screws provided with the outlet box in conjunction with the lock washers provided with the fan.
 - 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 pounds).
 - 8. After you install the fan, make sure that all mounting components are secured to prevent the fan from falling.
 - 9. Do not insert anything into the fan blades while the fan is operating.
 - 10. Turn the fan off and wait for the blades to stop completely before proceeding with 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 CONJUCTION 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, DO 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-1 WALL CONTROL ONLY.

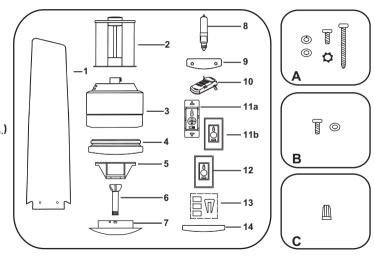


PACKAGE CONTENTS

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

- 1. Fan blades (3 pcs)
- 2. DownLink assembly
- 3. Fan motor housing assembly
- 4. Glass shade
- 5. Hanger bracket
- 6. Standard 9" downrod
- 7. Canopy
- 8. 100w Mini-Can halogen bulb
- 9. Blade bracket plate (3 pcs)
- 10. Remote control Receiver
- 11a. Wall Transmitter Incl. 2 Mounting Screws
- 11b. Wall Plate w/2 Mounting screws
 12. Extra Wall Plate w/2 Mounting screws

- 13. Blade balancing kit
- 14. Optional switch cup cover
- A. Mounting Hardware:
 - #10 x 2-1/2 screws (2 pcs.) #8-32 x 3/4 machine screws (2 pcs.)
 - Flat Washers (2 pcs.)
 - Spring Washers (2 pcs.)
 4 mm Star washers (2 pcs.)
- B. Blade Attachment Hardware: 3/16" W20 Screws (7 pcs.) Fibber Washers (7 pcs.)
- C. Wire Nuts (7 pcs.)



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

INSTALLING THE FAN

MOUNTING OPTIONS

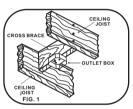
If there isn't an existing mounting box, then read the following instructions. Disconnect the power by removing fuses or turning off circuit breakers.

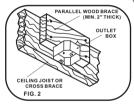
Secure the outlet box directly to the building structure. Use appropriate fasteners and building materials. The outlet box and its support must be able to fully support the moving weight of the fan (at least 50 lbs.). Use a UL Listed metal outlet box. Do not use a plastic outlet box.

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

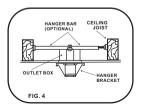
Note: You may need a longer downrod to maintain proper blade clearance when installing on a steep, sloped ceiling. Longer downrods are available from your Minka-Aire® dealer.

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 Minka-Aire® dealer).









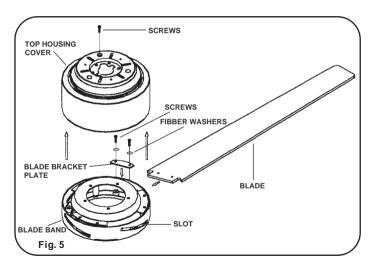
4 BLADE INSTALLATION

Step 1.Remove the bottom styrofoam packaging from the box and use it to support the Fan Motor Assembly.

Step 2. Remove the six screws from the Top Housing Cover and lift off along with the coupling washer. (Fig. 5)

Step 3. Insert Blade through one of the slots from the Blade Band, make sure the side of the Blade marked i THIS SIDE UPi is on the top. Align holes from Blade and Blade Band, place Blade Bracket Plate over the Blade and secure with two screws and fibber washers. Repeat process with the other two blades. (Fig. 5)

Step 4. Reinstall the Top Housing Cover and motor coupling washer, secure with only three of the six screws previously removed, install the screws on every other screw hole. (Fig. 5)



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, lock washers included with the fan. (Fig.6)

Step 2. Loosen the two set screws in the top coupling of the top housing assembly. (Fig. 7)

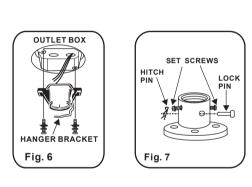
Step 3. Remove downrod hanger ball by loosening set screw, removing the cross pin, and sliding ball off rod. Remove the hitch pin and lock pin. (Fig. 8)

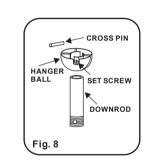
Step 4. Carefully feed fan wires up through the downrod. Insert the rod into the coupling and tighten onto fan until the holes are aligned. Next, replace lock pin and hitch pin. Tighten the set screws. (Fig. 9)

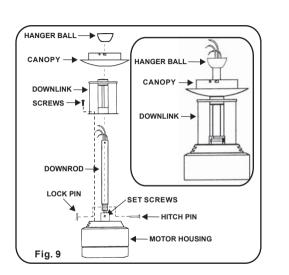
Step 5. Slip the DownLink assembly onto the Downrod (slotted plate to the bottom) align the slots from the Top Motor Housing and DownLink plate, plate should rest flat over housing. Secure with the remaining three screws previously removed. Make sure the coupling cover located between the three extrusions rests flat over the coupling and housing. (Fig. 9)

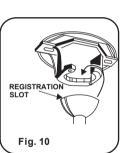
Step 6. Place the Canopy over the Downrod and allow it to rest over the DownLink. Reinstall the Hanger Ball over the Downrod, secure in place by tightening the screw. (Fig. 9)

Step 7. Now lift motor assembly into position and place downrod ball into hanger bracket. Rotate until the check groove has dropped into the registration slot and seats firmly. Rod should not rotate if this is done correctly. (Fig. 10)









WARNING: To avoid possible electrical shock be sure electricity is turned off at the main fuse or breaker 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. 11) No frequency change is necessary, should you desire to install another fan within the same home or area with a seperate frequency code please see the "frequency interference" troubleshooting section of this instruction manual to learn how to change the frequency.

Step 1. Insert Receiver into Hanger Bracket with the flat side of the Receiver facing the ceiling. (Fig. 12)

Step 2. Motor to Receiver Electrical Connections: Connect the WHITE wire from the fan to the WHITE wire marked "TO MOTOR N" from the Receiver. Connect the BLACK wire from the fan to the BLACK wire marked "TO MOTOR L" from the Receiver. Connect the BLUE wire from the fan to the BLUE wire marked "For Light" from the Receiver.

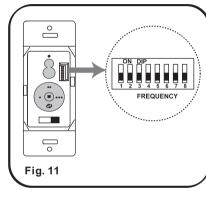
NOTE: If your ceiling fan features an UP Light: Connect the ORANGE wire from the fan to the ORANGE wire marked "For Up Light" from the Receiver. Otherwise disregard this step and proceed to secure all wire connections with the plastic wire nuts provided. (Fig. 13 & 14)

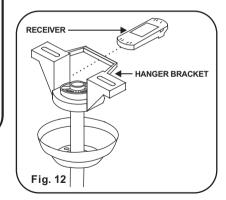
Note: Fan must be installed at a maximum distance of 40 feet from the transmitting unit for proper signal transmission between the transmitting unit and the fan's receiving unit.

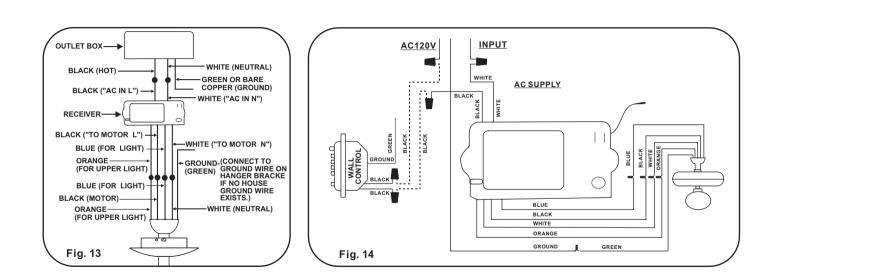
Step 3. Receiver to House Supply Wires Electrical Connections: Connect the WHITE wire (Neutral) from the outlet box to the WHITE wire marked "AC in N" from the receiver. Connect the BLACK wire (Hot) from the outlet box to the BLACK wire marked "AC in L" from the receiver. Secure all wire connections with the plastic wire nuts provided. (Fig. 13 & 14)

Step 4. If your outlet box has a GROUND wire (Green or Bare Copper) connect this wire to the Hanger Ball and Hanger Bracket Ground wires. If your outlet box does not have a Ground Wire, then connect the Hanger Ball and Hanger Bracket Ground Wires together. Secure wire connection with the plastic wire nut provided. (Fig. 13 & 14)

After all splices are made, check to make sure there are no loose strands. As an additional precaution we suggest to secure the plastic wire connectors to the wires with electrical tape.







INSTALLING THE WALL TRANSMITTER

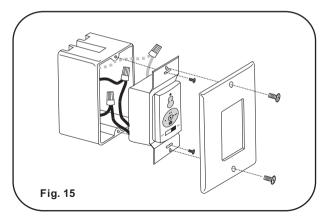
WARNING! HOOK UP "IN SERIES" ONLY. DO NOT CONNECT NEUTRAL SUPPLY WIRE OF ELECTRIC CIRCUIT TO THE TRANSMITTER WALL SWITCH, DAMAGE TO THE TRANSMITTER WALL SWITCH AND POSSIBLE FIRE COULD OCCUR.

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

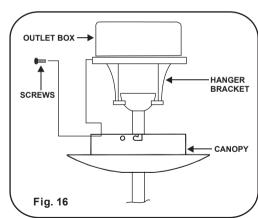
Step 2. Make the electrical connections as shown in Fig.14. If your outlet box has a ground wire (Green or Bare Copper) connect the Transmitter's ground wire directly to one of the screws from the outlet box . Secure all wire connections with the plastic wire nuts provided.

Step 3. Carefully tuck the wire connections inside the outlet box. Use the screws provided to secure the wall transmitter and wall plate to the outlet box. (Fig. 15)

NOTE: Your Aire Control™ System includes two sets of face and decorative plate color options. The wall control comes with standard white faceplate attached. If you desire to replace it with the Ivory color faceplate included, use a small flat screw driver and gently pry it apart from the top or bottom of the plate.



Step 1. Remove two of the four screws from the Hanging Bracket, loosen the other two screws but do not remove. Slide the Canopy up against the ceiling, engage the Canopy key holes onto the two screws left attached to the Hanging Bracket. Turn the Canopy until the holes are aligned. Install the other two screws previously removed and securely tighten all four screws. (Fig. 16)



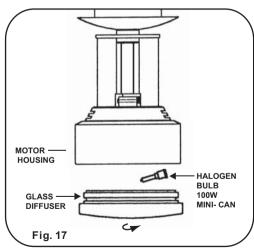
INSTALLING THE LIGHT BULB & GLASS SHADE

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 specification. DO NOT EXCEED THE MAXIMUM WATTAGE RATING.

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.

Step 1. Install the Halogen Bulb into the bulb socket. (Fig. 17)

Step 2. Install the Glass Diffuser over the Light Cup Plate, gently turn until it locks into place and is firm; DO NOT OVERTIGHTEN.



OPERATING THE REMOTE CONTROL/WALL TRANSMITTER

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

Restore Power to Ceiling Fan.

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.

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 D. OFF-ON Slide Button (Wall Control Fans Only) light (8 button) only or ceiling fans that feature an UP light (button) and a DOWN light (button) that are Light(s). 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 have a " button, Please look for a slide reverse allows the light to remain at the same brightness as the switch on the motor housing. last time it was turned off.

This button turns the power Off and On to the Fan and

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 cool weather.

NOTE: If your Remote Control or Wall Control does not

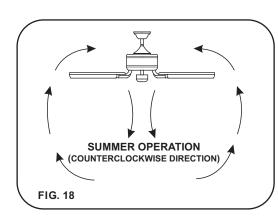
Speed settings for warm or cold weather depend on factors such as room size, ceiling height and number of fans.

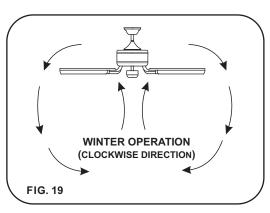
NOTE: Wait for fan to stop before changing the setting of the slide switch.

Warm Weather (forward)
A DOWNWARD airflow creates a cooling effect as shown in Figure 18. 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 19. This allows you to set your heating unit on a cooler setting without affecting your comfort.





(11)

Here are some suggestions to help 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 the 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. Plated finishes are sealed with lacquer to minimize discoloration or tarnishing. Do not use water when cleaning, this could damage the motor, wood blades or possibly cause an electrical shock.
- 3. If your fan is provided with wood veneer blades; you can apply a light coat of furniture polish for additional protection and enhanced beauty. Cover small scratches with a light application of shoe polish.

- 4. Use a lint free lightly damp cloth or duster to remove dust from the blades.
- 5. There is no need to oil your fan. The motor has permanently lubricated bearings.
- 6. If your fan is provided with glass shades, clean with lukewarm soapy water and a soft cloth or sponge. DO NOT IMMERSE GLASS SHADES IN HOT WATER. DO NOT PUT GLASS SHADES 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,

"ELECTRICAL CONNECTIONS".



SOLUTION

- Check to make sure the wall switch is turned on.
- Check circuit fuses or breakers.
- Caution! Make sure the power is turned off before performing the following steps.
- Remove canopy and check wire connections.
- Check wall control transmitter connections (if applicable).
- 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.

SYMPTOM Fan Sounds Noisy

SOLUTION

- Allow a 24-hour "break in" period. Most noises associated with a new fan will go away during this time.
- Make sure the screws that attach the fan blade holder to the motor hub is tight.
- Make sure outlet box is secured to building structure, if necessary use the wood screws provided to further secure outlet box to joist.
- Make sure hanger bracket is secure to the outlet box, screws are tight.

Fan Wobble SOLUTION

SYMPTOM

SOLUTION

SYMPTOM

SOLUTION

Lights shut off and will not come back on.

continue normal operation.

Fans/Light Turn On and Off Unexpectedly

steps to change the frequency.

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 re lamp, keeping the wattage under 190 watts. Restore power to your ceiling fan and

This is caused by interference, Please see "Frequency interference" for

use the wood screws provided to further secure outlet box to joist. Make sure hanger bracket is secure to the outlet box, screws are

• If a Balancing kit is provided follow the instructions included with

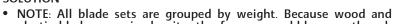
the balancing kit to help correct any excessive wobble.

Make sure outlet box is secured to building structure, if necessary

tight.

blades are matched

plastic blades vary in density, the fan may wobble even though



SYMPTOM



SYMPTOM Frequency Interference SOLUTION

procedure to fail.

- 1. Turn the power off to your ceiling fan.
- 2. Please use a small size tool to change the frequency settings on the control system.
- 3. Return power to the unit.
- .
- 4. Within 60 seconds of turning the Fan's AC power ON. Press the transmitter's "Stop" button and hold the "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).

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

6. The receiver has now learn 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 (13

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

| Fan Size | Speed | Volts | Amps | Watts | RPM | N.W. | G.W. | C.F. |
|----------|-------|-------|-------|-------|-----|------|------|-------|
| 56" | Low | 120 | 0.244 | 13.46 | 82 | 12.2 | 13.6 | 1.923 |
| | High | 120 | 0.560 | 66.27 | 193 | kgs | kgs | |

PERFORMANCE AND ENERGY INFORMATION

EMERGYGUIDE

\$34

Featimated Yearly Energy Cost \$12

Cost Range of Similar Models (19" - 84")

- Based on 12 cents per kWh and 6.4 hours use per day
- . Your cost depends on rates and use
- . Energy Use: 44 Watts

\$3

Airflow
4,389
Cubic Feet Per Minute

- The higher the airflow, the more air the fan will move.
- Airflow Efficiency: 100 Cubic Feet Per Minute Per Watt

| • | | | | |
|----------------------------------|--|---------------|---------------------|----|
| • | airflow is measure s measured in wa | • | ` , | |
| Choose a fan | with high airflow efficiency | y (CFM/watt). | * Measure according | g |
| Use ENERGY | STAR® rated bulbs in you | ur fan. | to the DOE approve | ed |

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

Switch off your fan when you leave the room.

AIRFLOW

(CFM)*

2232

6342



FAN SPEED

Low

High

1151 W. Bradford Court, Corona, CA 92882 For Customer Assistance Call: 1-800-307-3267

POWER USE

(Watts)

13.46

66 27

AIRFLOW EFFICIENCY

(CFM/Watt)

166

96

test method

All estimates based on typical use, excluding lights

ftc.gov/energy