



Mesa™ 42"
Model No. F566



Instruction Manual

Please Read and Save Instructions



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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 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 write to: "Ask Mr. Minka" to answer any questions or if you require assistance.

Date Purchased _____

Store Purchased _____

Model No. _____ F566 _____

Serial No. _____

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-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 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 changing the fan direction.

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.

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 OR 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, 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, DO NOT USE THIS FAN WITH ANY SOLID-STATE SPEED CONTROL DEVICE.

INSTALLING THE FAN

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

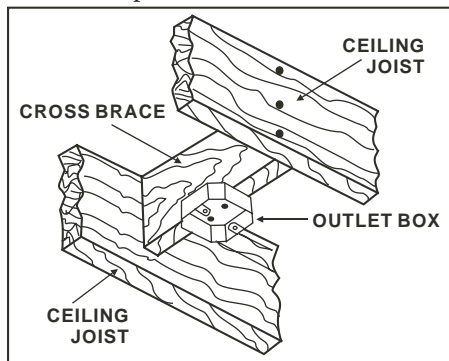


FIG. 1

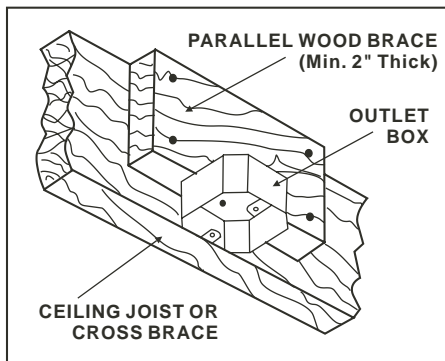


FIG. 2

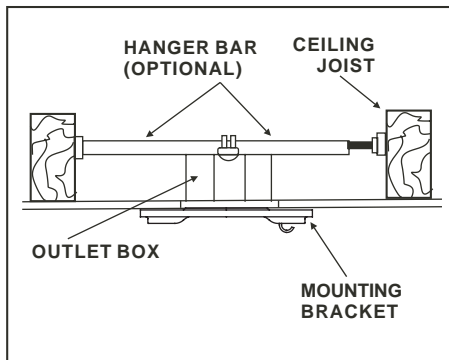


FIG. 3

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.

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).

FLUSH MOUNT CEILING FAN INSTALLATION

1. **DISCONNECT ELECTRICITY** to the existing fixture occupying the space where you would like to install the fan. After removing the old fixture, check the mounting and stability of the ceiling outlet box. If the outlet box is secure, then proceed with the installation procedure. If not, reinforce the outlet box for strength and safety, and then proceed.

2. **ATTACH THE MOUNTING BRACKET** to the outlet box with the screws and washers provided, making sure the bracket is tight and secure.

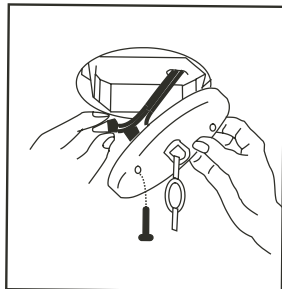
3. **LIFT FAN INTO POSITION** by hanging the motor assembly onto the hook of the ceiling mounting bracket allowing it to hang freely.

4. **MAKE THE ELECTRICAL CONNECTIONS** by connecting the black and blue wire from the fan to the black wire in the outlet box. Then, connect the white wire from the fan to the white wire from the outlet box. Last, connect the green wire from the fan to the green or ground wire from the outlet box.

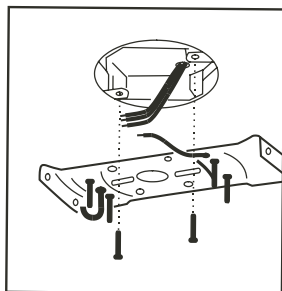
NOTE: This procedure is for hanging the fan only. For fans equipped with wall controls or light kits, please refer to insert "A"

5. **MOVE FAN INTO POSITION** over the four mounting studs and secure with the provided washers and nuts

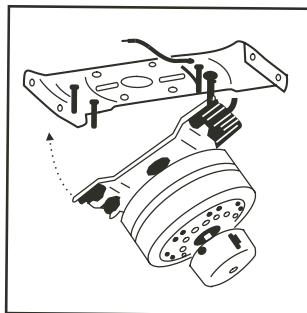
6. **INSTALL THE DECORATIVE HOUSING** over the motor assembly and secure with the four mounting screws.



1

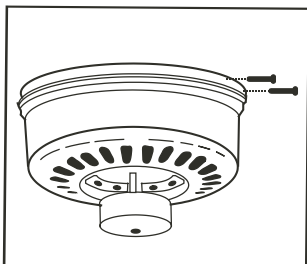


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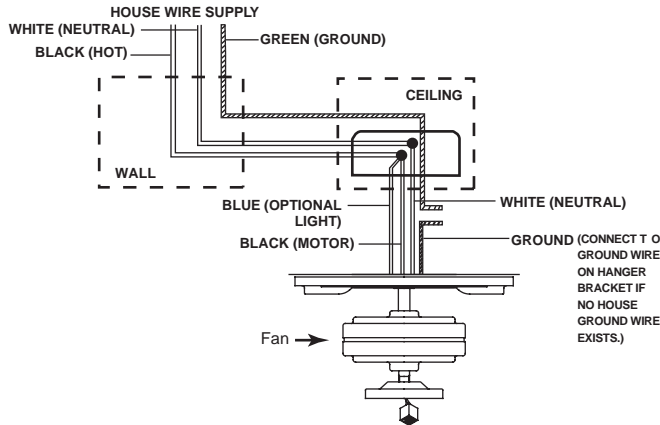
4 (See Insert "A")



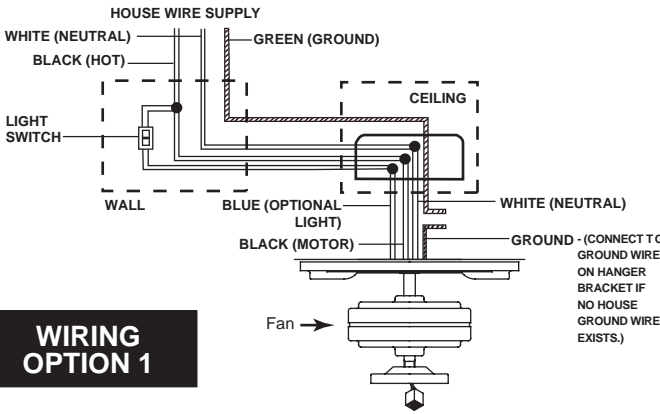
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INSERT "A" WIRING DIAGRAMS

FAN CONTROLLED BY PULL CHAIN, LIGHT KIT CONTROLLED BY PULL CHAIN.

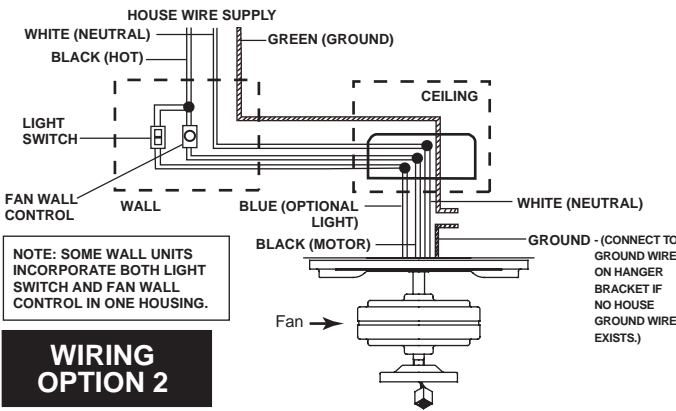


FAN CONTROLLED BY PULL CHAIN, LIGHT KIT CONTROLLED BY WALL SWITCH.



WIRING
OPTION 1

FAN CONTROLLED BY WALL CONTROL, LIGHT KIT CONTROLLED BY LIGHT SWITCH.



NOTE: SOME WALL UNITS
INCORPORATE BOTH LIGHT
SWITCH AND FAN WALL
CONTROL IN ONE HOUSING.

WIRING
OPTION 2

FLUSH MOUNT FAN BLADE INSTALLATION

Each set of blade holder has gone through stringent factory testing and is weighed and matched to within one gram. In addition to size and weight, grain color, and texture, and lacquer consistency have also been checked to insure long life in both performance and beauty.

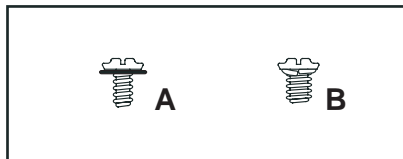
1. LAYOUT THE BLADES AND BLADE IRONS, and locate the proper screws for attaching the blades to the blade irons.

2. ATTACH BLADE IRONS TO THE BLADES by using screw (A) through the top of the blade and into the blade iron. Thread screw (B) through the bottom of the blade iron.

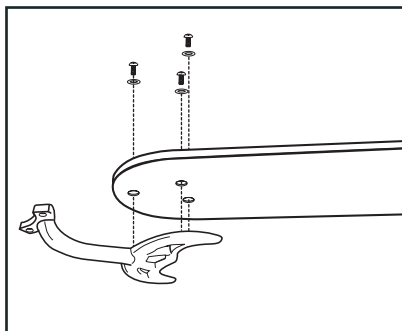
3. ATTACH THE BLADE ASSEMBLY TO THE FAN by tightening screw (B) to the fan motor.

4. ATTACH THE SWITCH CUP if not already attached by connecting the electrical connectors, sliding the cup into place and securing it with the provided screws.

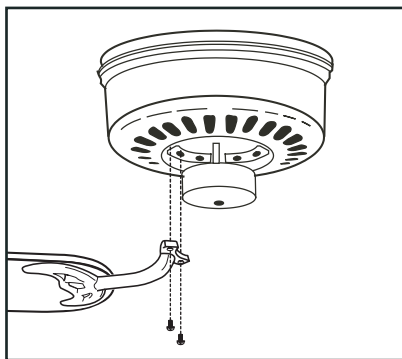
YOUR INSTALLATION IS COMPLETE.



1



2



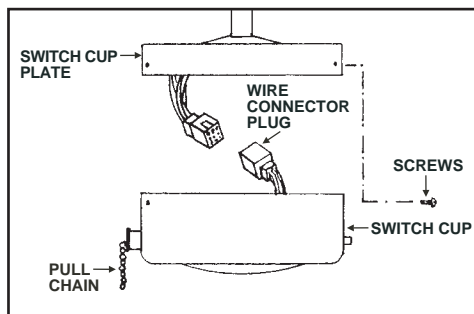
3

ATTACHING THE SWITCH CUP

Step 1. Remove the screws from the switch cup plate. While holding the switch cup, firmly snap the wire moxelles together. Next, slide switch cup up against plate and rotate it until the screw holes are aligned. Secure switch cup to plate using the screws removed earlier. (Fig. 1)

NOTE: DO NOT PINCH WIRES BETWEEN THE SWITCH HOUSING AND THE SWITCH CUP PLATE.

Step 2. Attach the pull chain fob to the chain on the switch cup. (Fig. 1)



1

CONNECTING A LIGHT FIXTURE

REMEMBER to disconnect the power. The fan blades must already be attached to the fan. The following instructions should help you install most light kits. Also refer to the instructions included with purchased kits.

Step 1. Remove existing switch cup from bottom of fan. (Fig.18)

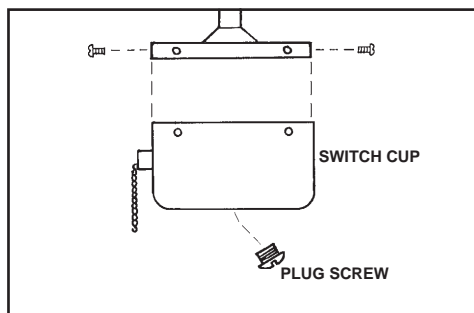
Step 2. Remove plug screw in bottom of switch cup. (Fig.18)

Step 3. Feed black and white wires from light kit through hole in bottom of switch cup and thread stem of light kit into same hole until snug. (Fig.18)

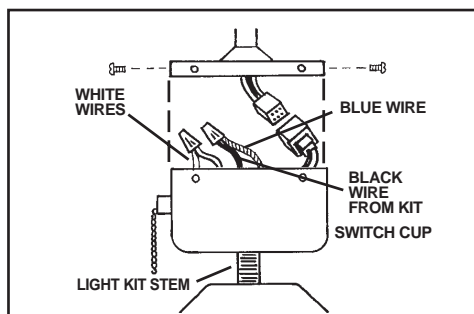
Step 4. Locate the Blue and White wires inside the switch cup marked "for light" and remove the plastic wire nuts. Connect the blue wire to the black wire from the light kit using the plastic wire nuts. Next connect the white wires together. (Fig.19)

Step 5. Tuck all wires into the switch cup and reinstall the switch cup onto the fan. (Fig.19)

Step 6. Attach the pull chain fob to the light kit.



2



3

OPERATING YOUR FAN

Restore power to ceiling fan and test for proper operation.

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

The Reverse switch is located on the switch cup. Slide the switch to the Left for warm weather operation. Slide the switch to the Right for cool weather operation.

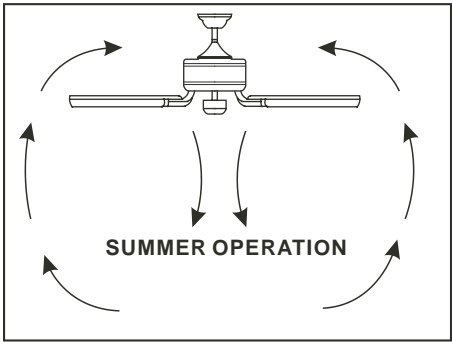
NOTE: Wait for fan to stop before changing the setting of the slide switch.

Warm weather - (Forward)

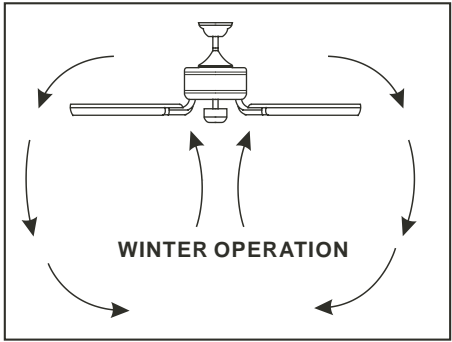
A downward airflow creates a cooling effect as shown in Fig. 1. This allows you to set your air conditioner on a warmer setting without affecting your comfort.

Cool weather - (Reverse)

An upward airflow moves warm air off the ceiling area as shown in Fig. 2. This allows you to set your heating unit on a cooler setting without affecting your comfort.



1



2

The pull chain controls the fan speed as follows:

1st pull	- High
2nd pull	- Med.
3rd pull	- Low
4th pull	- Off

CARE OF YOUR FAN

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".

TROUBLESHOOTING

Symptoms

Solution

Fan Will not Start

- 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.
- If using a remote controlled fan; check to see that the deep switches from transmitter and receiver are set to the same frequency code.
- Check wall control transmitter connections (if applicable).

Fans/Light Turn On and Off Unexpectedly

- This is caused by interference, change the code frequency from the transmitter and receiver. Any code combination will operate the fan or light (remote controlled fans only).

Fan Sounds Noisy

- Allow a 24-hour "break in" period. Most noises associated with a new fan will go away during this time.
- Make sure all blade attachment screws are 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

- **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.
- Make sure all blade attachment screws are 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.
- If a Balancing kit is provided follow the instructions included with the balancing kit to help correct any excessive wobble.

SPECIFICATIONS

Fan Size	Speed	Volts	Amps	Watts	RPM	CFM	N.W.	G.W.	C.F.
42"	Low	120	0.19	10	110	800	4.8 kgs	5.45 kgs	0.74'
	Medium	120	0.31	26	170	3000			
	High	120	0.40	46	220	4700			

These are typical readings. Your actual fan may vary. They do not included amps or wattage used by the light kit.

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



1151 W. Bradford Court, Corona, CA 92882

For Customer Assistance Call: 1-800-307-3267