



M
MINKA
AIRE

MESA 42"

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 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 question form found there.

Date Purchased _____ Store Purchased _____ Model Number _____ F566

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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-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 performing any maintenance or cleaning.

WARNING: To reduce the risk of fire, electric shock or injury to persons, do not use replacement parts that have not been recommended by the manufacturer (e.g. Parts made at home using a 3D printer).

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, DO NOT BEND THE BLADE HOLDERS WHILE INSTALLING, BALANCING THE BLADES OR CLEANING THE FAN. DO NOT INSERT FOREIGN OBJECTS BETWEEN ROTATING FAN BLADES.

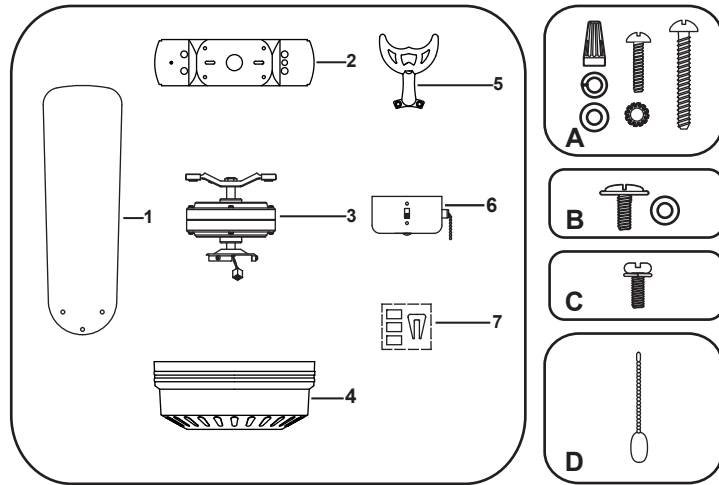
TO REDUCE THE RISK OF FIRE OR ELECTRONIC SHOCK, DO NOT USE THIS FAN WITH ANY SOLID-STATE SPEED CONTROL DEVICE.

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PACKAGE CONTENTS

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

1. Fan blades (5)
 2. Mounting bracket
 3. Fan motor assembly
 4. Decorative housing
 5. Blade holders (5)
 6. Switch housing
 7. Balancing kit
- A. Mounting hardware:
 #10 x 1.5" Wood screws (2 PCs.)
 #8 x 3/4" Machine screws (2 PCs.)
 Lock washers (2 PCs.)
 4mm star washers (2 PCs.)
 Wire nuts (3 PCs.), Washers (2 PCs.)
 - B. Blade attachment hardware:
 3/16" x 7.5 mm screws (16 PCs.)
 Fiber washers (16 PCs.)
 - C. Blade holder hardware:
 1/4" x 1/2" Screws with lock washers (11 PCs.)
 - D. Switch cup hardware:
 Pull chain fob



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

INSTALLING THE FAN

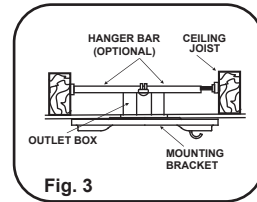
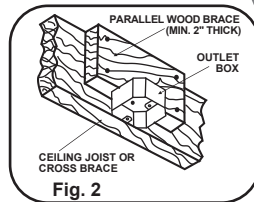
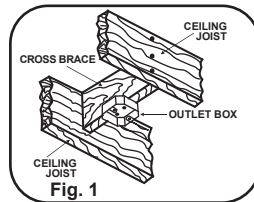
MOUNTING OPTIONS

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.

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. 3 (available at your Minka-Aire® dealer).



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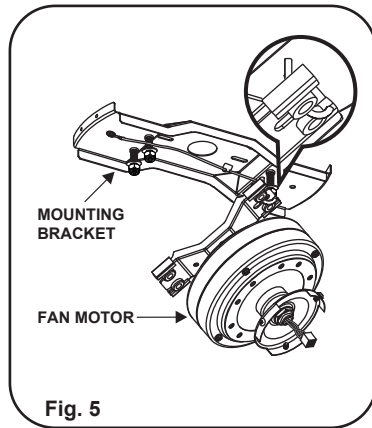
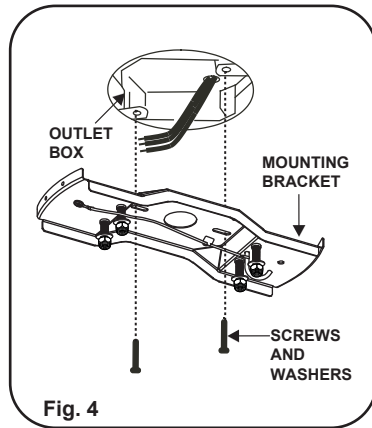
INSTALLING THE MOUNTING BRACKET

WARNING: All of the parts, hardware and components such as the mounting bracket 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. Attach the mounting bracket to the outlet box with two screws and washers provided. Make sure the bracket is tight and secured. (Fig. 4)

Step 2. Lift fan into position by hanging the motor assembly onto the hook from the ceiling mounting bracket allowing it to hang freely. (Fig. 5)



WARNING: The use of Dimming devices not compatible with ceiling fans will cause unwanted behavior including loud humming and will cause permanent damage to you fans electrical component.

REMEMBER to shut the power off at the circuit breaker or fuse box. Follow the steps below to connect the fan to your house supply wires. Use the wire nuts supplied with your fan. Secure the wire nuts by wrapping the connection with electrical tape.

Step 1. Connect the black (hot) wire from the ceiling to the black and the blue wires from the fan. Connect the white (Neutral) wire from the ceiling to the white wire from the fan. (Fig. 6)

Step 2. If your outlet has a ground wire (Green or Bare Copper) connect the fan ground wires (on hanger ball and hanger bracket) to it; otherwise connect the fan ground wire on hanger ball directly to the hanger bracket. (Fig. 6)

Step 3. Figure 12 & 13 Illustrate the wiring connections using optional wall unit. (Available at your Minka-Aire® Retailer.)

NOTE: If a light kit is not included with your fan, one can be purchased at your Minka-Aire® Retailer.

ELECTRICAL CONNECTIONS

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

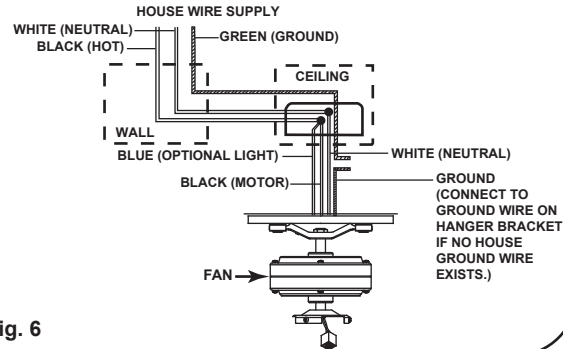
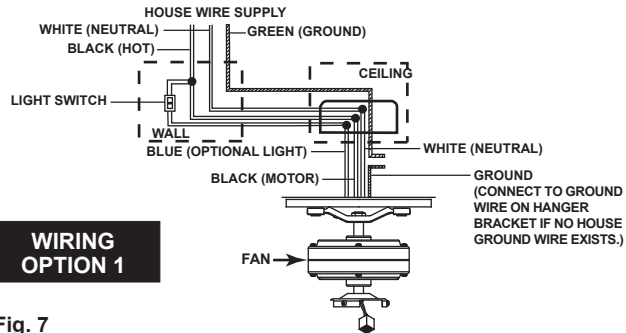


Fig. 6

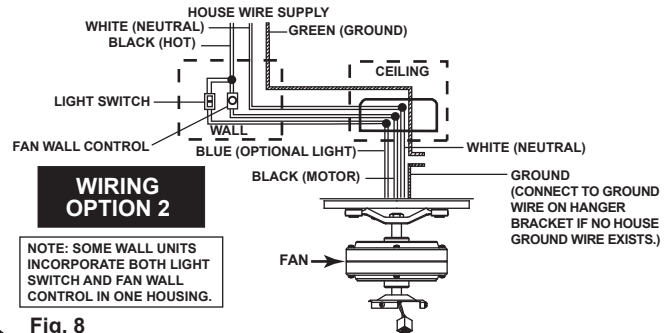
**FAN CONTROLLED BY PULL CHAIN,
LIGHT KIT CONTROLLED BY WALL SWITCH.**



**WIRING
OPTION 1**

Fig. 7

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



**WIRING
OPTION 2**

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

Fig. 8

FINISHING THE INSTALLATION

Step 1. Move fan into position over the four mounting studs and secure with the provided washers and nuts. (Fig. 9)

Step 2. Remove two of the four mounting bracket screws from the mounting bracket and loosen the other two screws. (Do not remove.) (Fig. 9)

Step 3. Install the decorative housing over the motor assembly and secure with the four mounting screws. (Fig. 10)

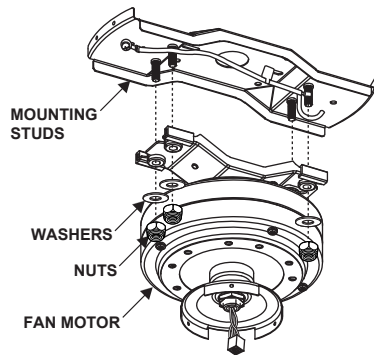


Fig. 9

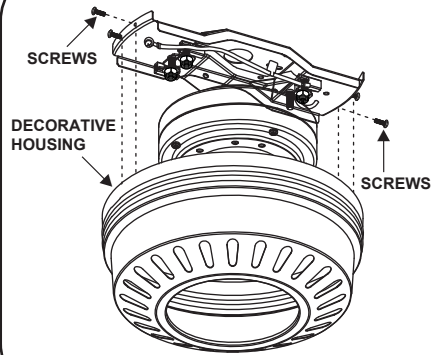


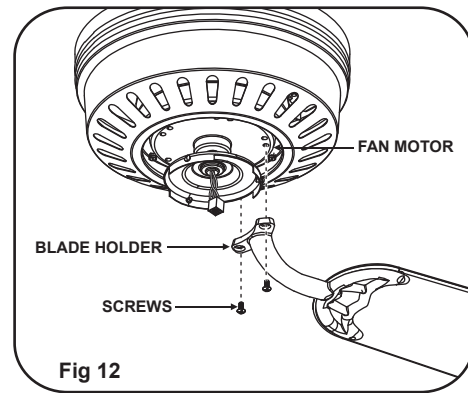
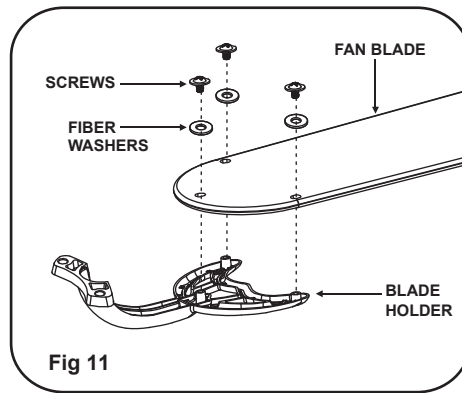
Fig. 10

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ATTACHING THE FAN BLADES

Step 1. Attach the fan blades to the blade holders using the screws and fiber washers provided, tighten screws securely. (Fig. 11)

Step 2. Align motor holes to blade holders and secure with screws provided, tighten screws securely. (Fig. 12)



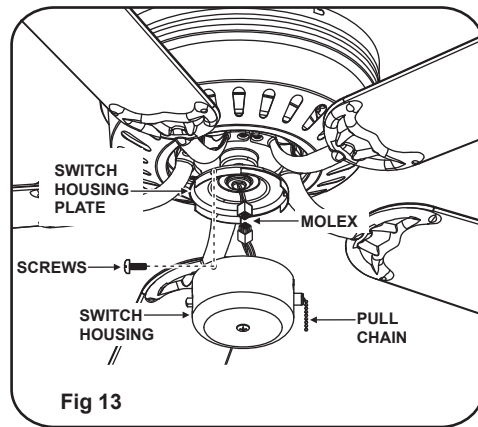
ATTACHING THE SWITCH HOUSING

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

Step 1. Remove the screws from the switch housing plate. While holding the switch housing, firmly snap the wire molexes together. Next, slide switch housing up against plate and rotate it until the screw holes are aligned. Secure switch housing to plate using the screws removed earlier. (Fig. 13)

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

Step 2. Attach the pull chain fob to the chain on the switch housing. (Fig. 13)



INSTALLATION OF OPTIONAL LIGHTS

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 housing from bottom of fan. (Fig.14)

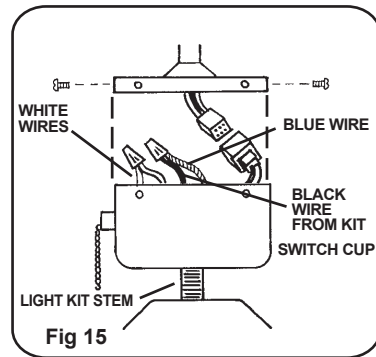
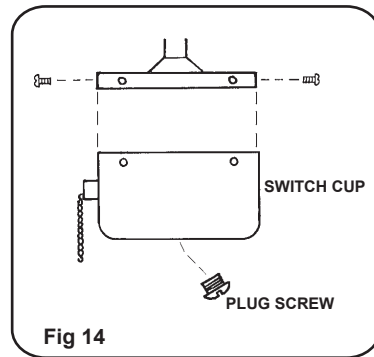
Step 2. Remove plug screw in bottom of switch housing. (Fig.14)

Step 3. Feed black and white wires from light kit through hole in bottom of switch housing and thread stem of light kit into same hole until snug. (Fig.14)

Step 4. Locate the Blue and White wires inside the switch housing 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.15)

Step 5. Tuck all wires into the switch housing and reinstall the switch cup onto the fan. (Fig.15)

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



OPERATING YOUR FAN

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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 housing. 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.

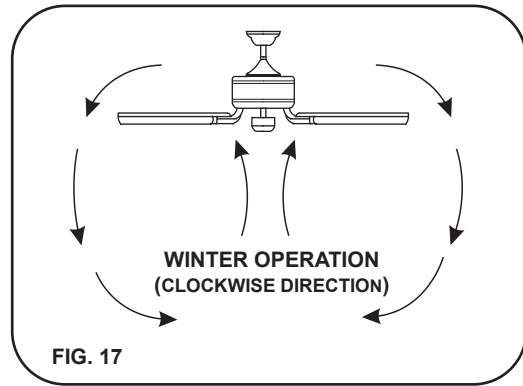
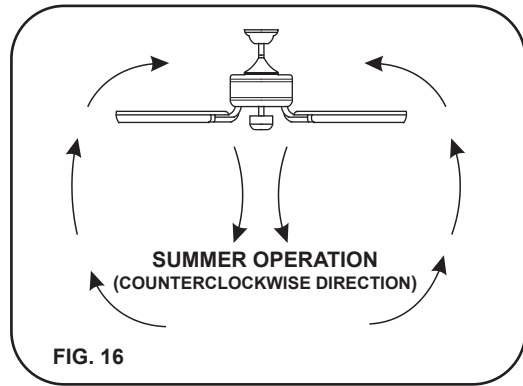
Warm weather - (Forward)

A downward airflow creates a cooling effect as shown in Fig. 16. 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. 17. This allows you to set your heating unit on a cooler setting without affecting your comfort.

The pull chain controls the fan speed as follows: 1st pull - High, 2nd pull - Med, 3rd pull - Low and 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

SYMPTOM

Fan will not start

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.
- 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).
- 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

Fans/Light Turn On and Off Unexpectedly

SOLUTION

- 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). (if applicable).

SYMPTOM

Fan will not start

SOLUTION

- 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.

SYMPTOM

Fan Wobble

SOLUTION

- 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

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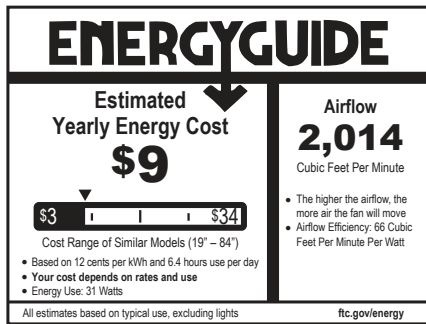
These are typical readings. Your actual fan may vary. They do not include amps and wattage used by the light(s).

Fan Size	Speed	Volts	Amps	Watts	RPM	N.W.	G.W.	C.F.
42"	Low	120	0.19	10.19	110	4.8	6.06	1.353'
	High	120	0.40	48.44	220	kgs	kgs	

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PERFORMANCE AND ENERGY INFORMATION



FAN SPEED	AIRFLOW (CFM)*	POWER USE (Watts)	AIRFLOW EFFICIENCY (CFM/Watt)
Low	1341	10.19	131.6
High	2780	48.44	57.39

**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® rated bulbs in your fan.
- Switch off your fan when you leave the room.

* Measure according to the DOE approved test method.

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

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