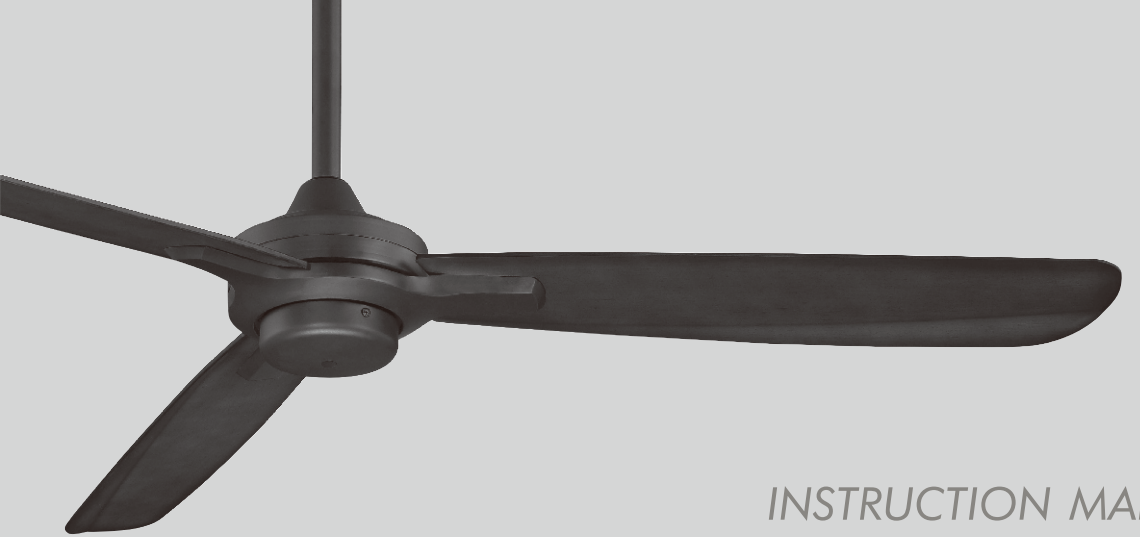

Rudolph

BY

minkaAire®

A Minka Group® Co.

INSTRUCTION MANUAL WARRANTY CERTIFICATE

©2019 Minka Lighting Inc. Manual design and all elements of manual design are protected by United States Federal and/or State Law including Patent, Trademark and/or Copyright Laws.

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 F727 Serial Number _____

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american lighting association

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1

SAFETY RULES

1. Before you begin installing the fan, shut power off 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, ordinance, or National Electrical Codes, ANSI/NFPA 70. 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 top 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.

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 cannot 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 BOXS COMMONLY USED FOR THE SUPPORT OF LIGHTING FIXTURES ARE NOT ACCEPTABLE FOR FAN SUPPORT AND MAY NEED TO BE REPLACED. CONSULT A QUALIFIDE 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 UC9020 SOLID-STATE SPEED CONTROL ONLY.

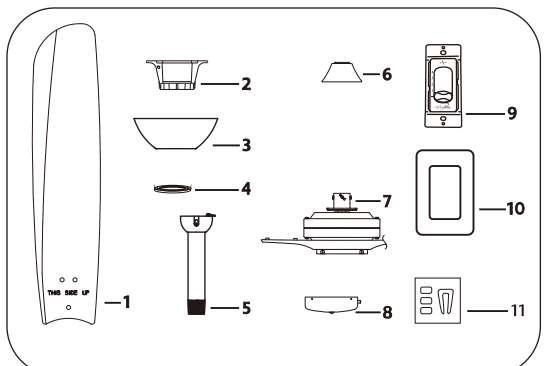
PACKAGE CONTENTS

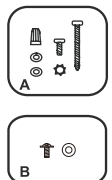
Unpack your fan and check the contents. You should have the following items:

1. Fan blades(3)
2. Hanger bracket
3. Canopy
4. Canopy cover
5. Standard downrod assembly(6")
6. Coupling cover
7. Fan motor/housing assembly
8. Switch cup
9. Wall control with 2 mounting screws and 3 wire nuts
10. Wall plate with 2 mounting screws
11. Balancing kit

A. Mounting hardware:
Wire nuts(3)
#8x3/4" Machine screws (2)
#10x1.5 Wood screws (2)
4mm Star washers (2)
Metal washers (2)
Lock washers (2)

B. Blade attachment hardware:
3/16"x8mm screws (10)
Fiber washers (10)





INSTALLING THE FAN

Tools Required: Philips screw driver, slotted screw driver, step-ladder, wire cutters, electrical tape.

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.

Figure1,2 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 or local hardware store).

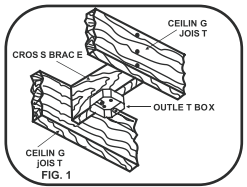


FIG. 1

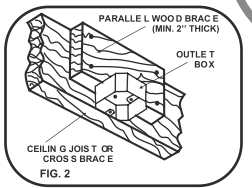


FIG. 2

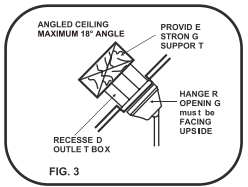


FIG. 3

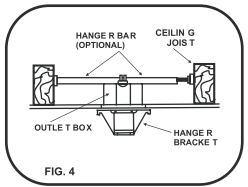


FIG. 4

4 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 and washers included with mounting hardware.(Fig.5)
Step 2.Lossen the two set screws and remove the hitch pin and lock pin from the top coupling of the motor assembly.(Fig 6)
Step 3.Remove hanger ball from downrod assembly by loosening set screw,removing the cross pin, and sliding ball off rod.(Fig 7)

Step 4.Carefully feed fan wires up through the downrod(Fig 8). Thread the rod into the coupling, next line up holes and replace lock pin and hitch pin. Tighten set screws.

Step5.Slip coupling cover, canopy cover, and canopy onto downrod (Fig.9).Carefully reinstall hanger ball onto rod being sure that cross pin is in the correct position, set screws are tighten and wires are not twisted.

Step 6. Now lift motor assembly into position and place hanger ball into hanger bracket. Rotate until the check groove has dropped into the registration slot and seats firmly.(Fig 10)Rod should not rotate if this is done correctly.

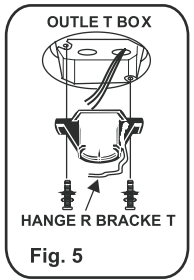


Fig. 5

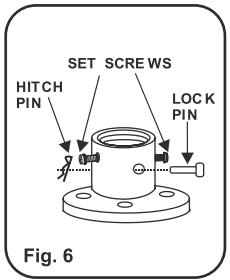


Fig. 6

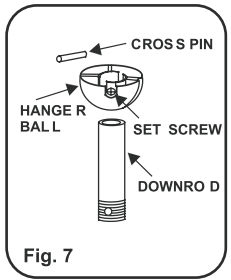


Fig. 7

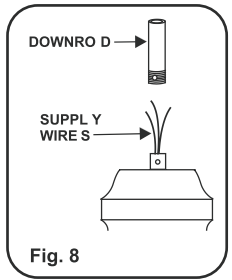


Fig. 8

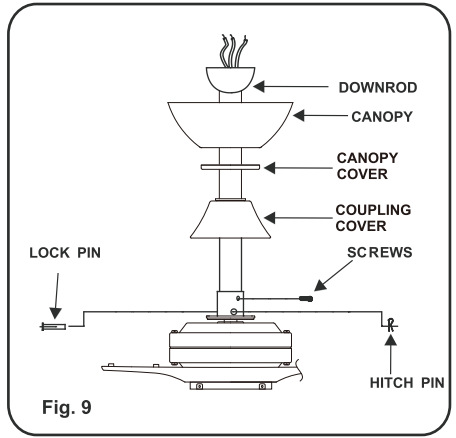


Fig. 9

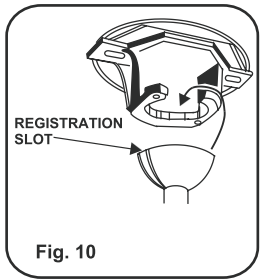


Fig. 10

5

ELECTRICAL CONNECTIONS

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. Disconnect the power and remove the existing wall plate and switch from the wall junction box.

Step 2. Set knobs on the wall control in the "—" position(Set to OFF).

Step 3. Make wire connections (Fig. 11) and secure with wire nuts supplied.

- Black wire from fan to black wire from wall control.
- Black wire from wall control to black wire from the A/C supply source.
- White wire from fan to white wire from the A/C supply source.
- Connect the fan ground wire (green) to the household ground wire.

If your outlet box has a ground wire (green or bare copper) connect the wall control's ground wire to it; otherwise connect the wall control's ground wire directly to one of the screws from the outlet box.

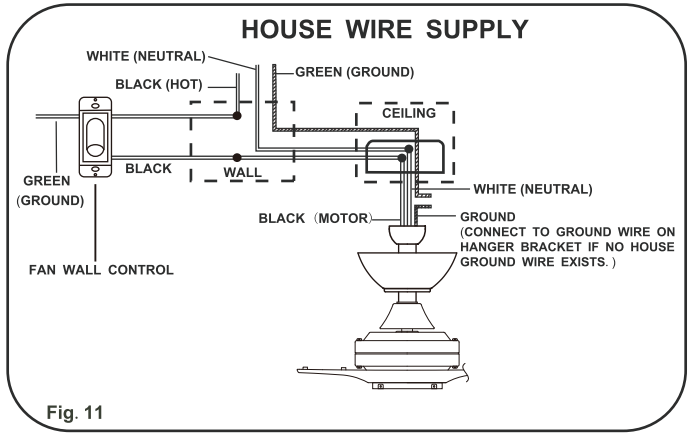


Fig. 11

INSTALLING THE WALL CONTROL

Remember to shut the power off at the circuit breaker or fuse box.

WARNING: HOOK UP IN "SERIES ONLY" DO NOT CONNECT THE HOT AND NEUTRAL WIRES OF ELECTRIC CIRCUIT TO THE WALL CONTROL - DAMAGE TO THE SWITCH AND POSSIBLE FIRE COULD OCCUR.

1. (Fig. 12) Carefully tuck the wire connections inside the outlet box. Secure the wall control with the two screws provided.

2. Attach the wall plate over the wall control and secure with the two screws provided.

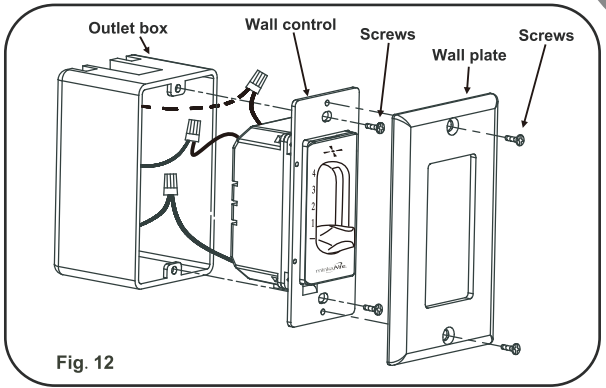


Fig. 12

7

FINISHING THE INSTALLATION

Step 1. Tuck connections neatly into ceiling outlet box.

Step 2. Remove one screw from the hanger bracket and loosen the other screw around 1/4".

Step 3. Align the canopy up to ceiling and over the loose screw. Place the canopy into key hole and rotate canopy clockwise. (Figure 13)

Step 4.Secure the canopy by use previous removed screw.

Step 5. Place the canopy cover to the canopy and rotate canopy cover clockwise until it is locked into right position. (Figure 13)

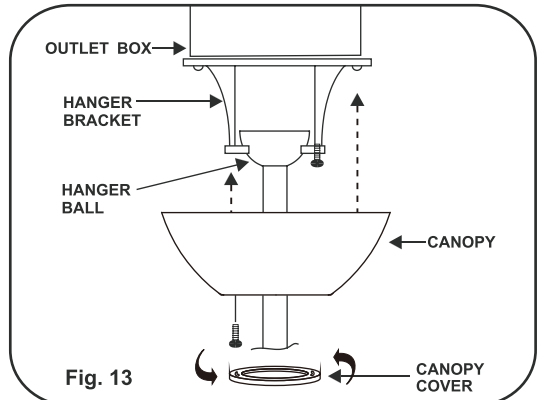


Fig. 13

BLADE INSTALLATION

Align the 3 holes from the blade to the fan motor.
Secure blade with 3 blade screws and fiber washers provided. Follow the same process for the remaining two blades. (Fig. 14)

All blade sets are grouped together by weight.

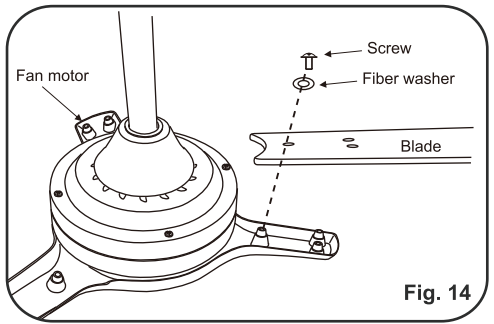


Fig. 14

9 INSTALLING THE SWITCH CUP

Step1. Remove three screws from the switch cup plate.
Step2.While holding the switch cup under your fan, firmly snap the wire molex's together.(Fig.15)
Step3.Align the holes in the switch cup with the holes in the switch box plate. Tighten the three screws removed in step1.(Fig. 15)

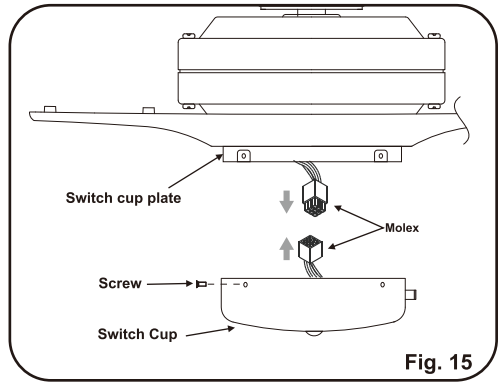


Fig. 15

Restore power to ceiling fan and test for proper operation.

The fan 4-speed control is used to set the fan speed as follows:

— = Turns the fan off
1= High Speed
2= Medium High Speed
3= Medium Speed
4= Low Speed

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 Figure 16. 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 17. This allows you to set your heating unit on a cooler setting without affecting your comfort.

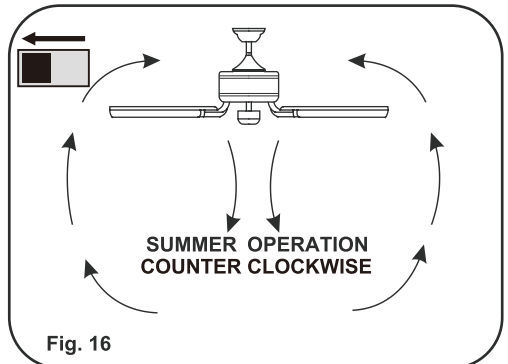


Fig. 16

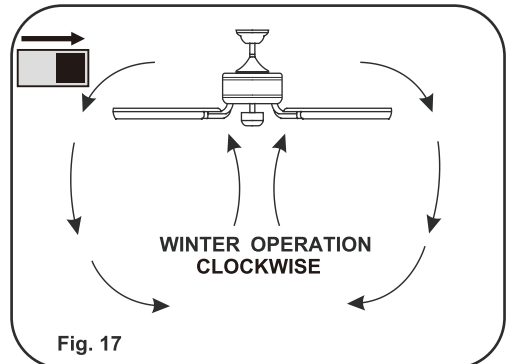


Fig. 17

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 attachment 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.Use a lint free lightly damp cloth or duster to remove dust from the blades.

4.There is no need to oil your fan. The motor has permanently lubricated bearings.
5.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".

12 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.
- 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.

SYMPTOM
Fan Wobble
SOLUTION

- NOTE: All blade sets are grouped by weight.
- 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.

13

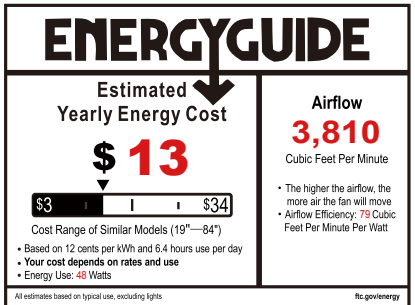
SPECIFICATIONS

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.
52″	Low	120	0.23	9.19	52	6.10 kgs	7.30 kgs	1.44′
	High	120	0.7	88.15	174			

PERFORMANCE AND ENERGY INFORMATION



FAN SPEED	AIRFLOW (CFM)*	POWER USE (watts)	AIRFLOW EFFICIENCY (CFM/watt)
Low	1554	9.19	169
High	5757	88.15	65

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

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