Hampton Bay Lifetime Limited Warranty

The retailer warrants the fan motor to be free from defects in workmanship and material present at time of shipment from the factory for a lifetime after the date of purchase by the original purchaser. The retailer also warrants that all other fan parts, excluding any glass or plexiglass blades, to be free from defects in workmanship and material at the time of shipment from the factory for a period of one year after the date of purchase by the original purchaser. We agree to correct such defects without charge or at our option replace with a comparable or superior model if the product is returned to the retailer. To obtain warranty service, you must present a copy of the receipt as proof of purchase. All costs of removing and reinstalling the product are your responsibility. Damage to any part such as by accident or misuse or improper installation or by affixing any accessories, is not covered by this warranty. Because of varying climatic conditions in the United States this warranty does not cover any changes in brass finish, including rusting, pitting, corroding, tarnishing or peeling. Brass finishes of this type give their longest useful life when protected from varying weather conditions. A certain amount of wobble is normal and should not be considered a defect. Servicing performed by unauthorized persons shall render the warranty invalid. **There is no other express warranty. The retailer hereby disclaims any and all warranties, including but not limited to. Those of merchantability and fitness for a particular purpose to the extent permitted by law.** The duration of any implied warranty which cannot be disclaimed is limited to the time period as specified in the express warranty. Some states do not allow limitation on how long an implied warranty lasts, so the above limitation may not apply to you. **The retailer shall not be liable for incidental, consequential, or special damages arising out of or in connection with product use or performance except as may otherwise be accorded by law.** Some states do not allow the exclusion of incidental or consequential damages, so the above exclusion or limitation may not apply to you. This warranty gives specific legal rights, and you may also have other rights which vary from state to state. This warranty supersedes all prior warranties.

Date Purchased _____

Store Purchased _____

Model No. _____ 553-295 _____

Serial No. _____

Vendor No. _____ 11289 _____

UPC _____ 792145351269 _____

Lifetime Limited Warranty

Table of Contents

1. To reduce the risk of electric shock, insure electricity has been turned off at the circuit breaker or fuse box before beginning.

2. All wiring must be in accordance with the National Electrical Code and local electrical codes. Electrical installation should be performed by a qualified licensed electrician.

3. **WARNING:** To reduce the risk of electrical shock and fire, do not use this fan with any solid-state fan speed control device.

4. **WARNING:** To reduce the risk of personal injury, use only the two steel screws (and lock washers) provided with the outlet box for mounting to the outlet box. Most outlet boxes commonly used for the support of lighting fixtures are not acceptable for fan support and may need to be replaced, consult a qualified electrician if in doubt.

WARNING
TO REDUCE THE RISK OF FIRE, ELECTRIC SHOCK OR PERSONAL INJURY, MOUNT FAN TO OUTLET BOX MARKED ACCEPTABLE FOR FAN SUPPORT.

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5. The outlet box and support structure must be securely mounted and capable of reliably supporting a minimum of 50 pounds. Use only UL Listed outlet boxes marked **FOR FAN SUPPORT.**

6. The fan must be mounted with a minimum of 7 feet clearance from the trailing edge of the blades to the floor.

7. Do not operate the reverse switch while the fan blades are in motion. The fan must be turned off and the blades stopped before reversing the blades direction.

8. Avoid placing objects in the path of the blades.

9. To avoid personal injury or damage to the fan and other items, be cautious when working around or cleaning the fan.

10. Do not use water or detergents when cleaning the fan or fan blades. A dry dust cloth or lightly dampened cloth will be suitable for most cleaning.

11. After making electrical connections, spliced conductors should be turned upward and pushed carefully up into the outlet box. The wires should be spread apart with the grounded conductor and the equipment-grounding conductor on one side of the outlet box.

12. Electrical diagrams are for reference only. Light kits that are not packed with the fan must be UL Listed and marked suitable for use with the model fan you are installing. Switches must be UL General Use Switches. Refer to the Instructions packaged with the light kits and switches for proper assembly.
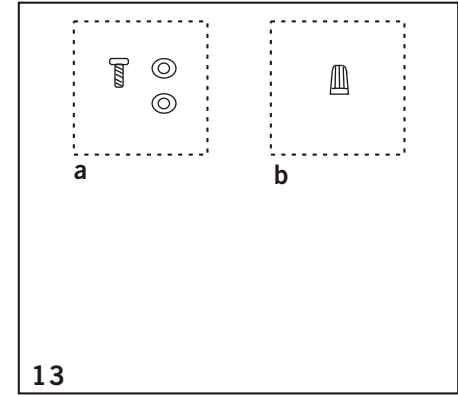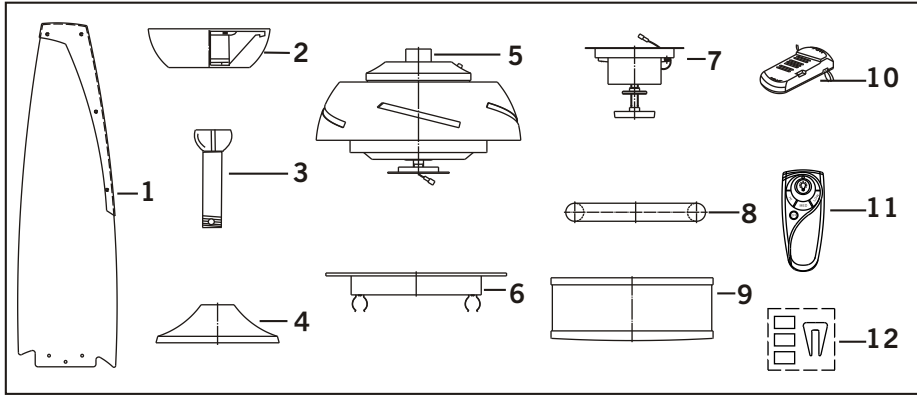

WARNING
TO REDUCE THE RISK OF PERSONAL INJURY, DO NOT BEND THE BLADE ARMS (ALSO REFERRED TO AS BRACKETS) DURING ASSEMBLY OR AFTER INSTALLATION. DO NOT INSERT OBJECTS IN THE PATH OF THE BLADES.

NOTE
READ AND SAVE ALL INSTRUCTIONS!

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1. Safety Rules

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

1. Fan blades (5)
2. Canopy assembly
3. Ball/downrod assembly
4. Coupling cover
5. Fan motor assembly
6. Light plate
7. Light holder
8. Fluorescent lamp
9. Glass shade
10. Receiver with 6 wire nuts
11. Transmitter+holder+2 mounting screws
12. Balancing kit

13. Loose parts bag containing:
    a. Blade attachment hardware
    (16 screws, 16 metal washers,
    16 fiber washers.)
    b. Mounting hardware
    (3 plastic wire connectors)
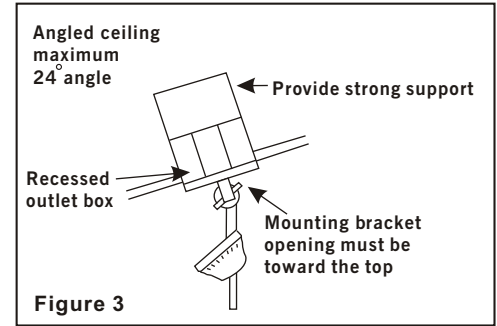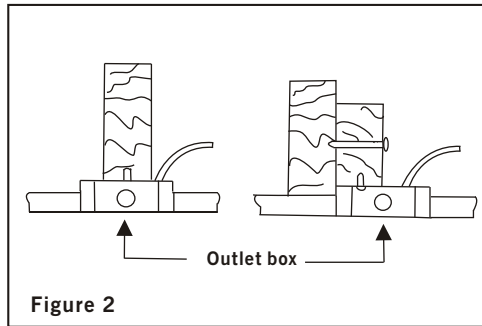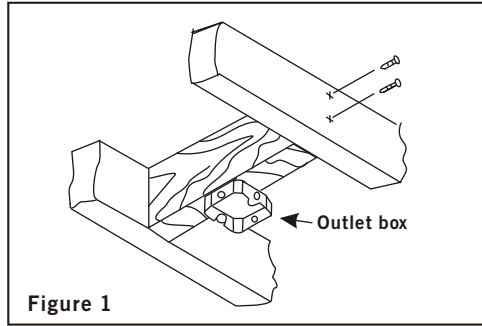
Unpacking Your Fan 2.

Tools Required

Phillips screwdriver, straight slot screwdriver, adjustable wrench, step ladder, and wire cutters.
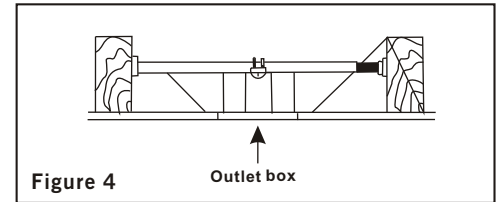
Mounting Options

If there isn't an existing UL listed 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). Do not use plastic outlet boxes.

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

Outlet box

Figure 1

Outlet box

Figure 2

Angled ceiling maximum 24° angle

Provide strong support

Recessed outlet box

Mounting bracket opening must be toward the top

Figure 3

Note: You may need a longer downrod to maintain proper blade clearance when installing on a steep, sloped ceiling.

Outlet box

Figure 4

To hang your fan where there is an existing fixture but no ceiling joist, you may need an installation hanger bar as shown in Figure 4 (available at your Hampton Bay Retailer).

3. Installing Your Fan

Hanging the Fan

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

Step 1. Remove the decorative canopy bottom cover from the canopy by turning the cover counter clockwise.(Fig. 5)

Step 2. Remove the hanger bracket from the canopy by loosening the two screws on the bottom of the hanging bracket a half turn from the screw head and turning the canopy counter clockwise.(Fig, 5)

Step 3. Pass the 120-volt supply wires through the center hole in the ceiling hanger bracket as shown in Fig. 6.

Step 4. Secure the hanger bracket to the ceiling outlet box with the screws and washers provided with your outlet box.

Step 5. Remove the hanger pin, lock pin and set screws from the top of the motor assembly.

Step 6. Route wires exiting from the top of the fan motor through the collar cover, canopy cover, canopy and then through the ball / downrod. (Fig. 7)
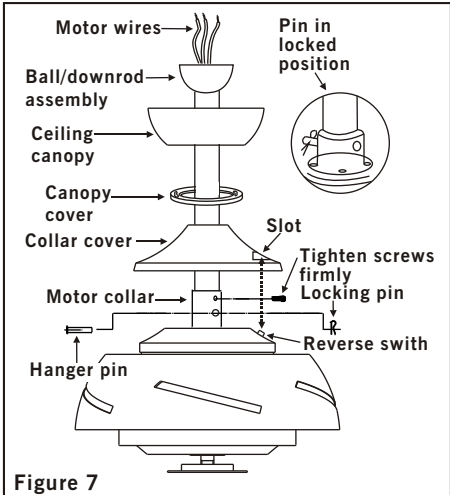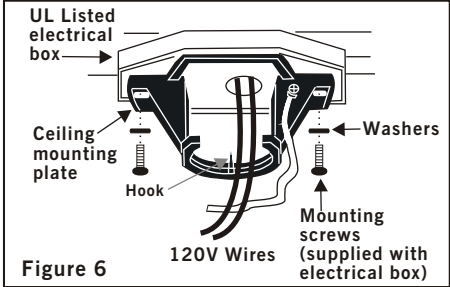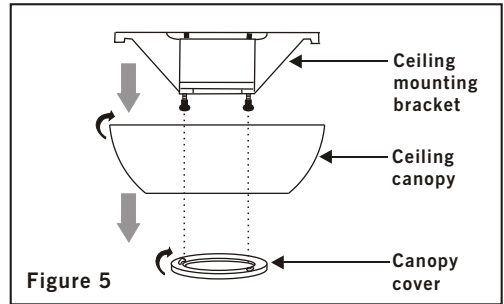**NOTE:** when installing the collar cover onto motor collar, be sure the slot on the collar cover and revise swith are aligned.

Step 7. Align the holes at the bottom of the downrod with the holes in the collar on top of the motor housing (Fig.7). Carefully insert the hanger pin through the holes in the collar and downrod. Be careful not to jam the pin against the wiring inside the downrod. Insert the locking pin through the hole near the end of the hanger pin until it snaps into its locked position, as noted in the circle inset of Fig. 7.

WARNING
FAILURE TO PROPERLY INSTALL LOCKING PIN AS NOTED IN STEP 7 COULD RESULT IN FAN LOOSENING AND POSSIBLY FALLING.

Step 8. Tighten two set screws on top of the fan motor firmly (Figure 7)
Step 9. Place the downrod ball into the hanger bracket socket.

Figure 5

Figure 6

Figure 7

4.

Make the Electric Connections

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

NOTE: This remote control unit is equipped with 16 code combinations to prevent possible interference from or to other remote units. The frequency switches on your receiver and transmitter have been preset at the factory. Please recheck to make sure the switches on the transmitter and the receiver are set to the same position, any combination of settings will operate the fan as long as the transmitter and receiver are set to the same position.(Figure 8)

Step 1. (Figure 9) Insert the receiver into the mounting bracket with the flat side of the receiver facing the ceiling.

Step 2. (Figure 10) Motor to Receiver Electrical Connections: Connect the black wire from the fan to black wire marked "TO MOTOR L". 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. Secure the wire connections with the plastic wire nuts provided.

Step 3. (Figure 10) Receiver to House Supply Wires Electrical Connections: Connect the black (hot) wire from the ceiling to the black wire marked "AC in L" from the receiver. Connect the white(neutral) wire from the ceiling to the white wire marked "AC in N" from the Receiver. Secure the wire connections with the plastic wire nuts provided.

Step 4. (Figure 10) If your outlet box has a ground wire (green or bare copper) connect it To the fan ground wires; otherwise connect the hanging bracket ground wire to the mounting bracket. Secure the wire connection with a plastic nut provided. After connecting the wires spread them apart so that the green and white wires are on one side of the outlet box and black and blue wires are on the other side. Carefully tuck the wire connections up into the outlet box.

Note: Fan must be installed at a maximum distance of 20 feet from the transmitting unit for proper signal transmission between the transmitting unit and the fan's receiving unit.

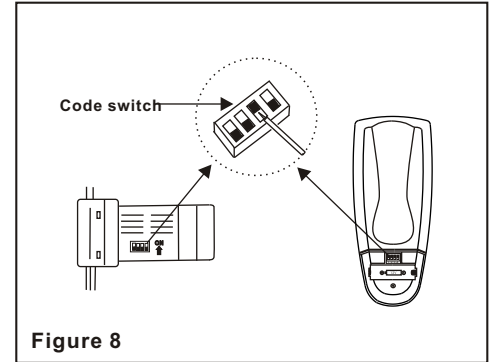**CAUTION:** Do not use with wall light dimmer switch.

Code switch

Figure 8

Receiver

Hanger bracket

Figure 9

SUPPLY CIRCUIT

Ground Conductor

BLACK

WHITE

Outlet Box

BLACK

Green Ground Lead

WHITE

GREEN

Ground to Downrod

WHITE   BLUE   BLACK

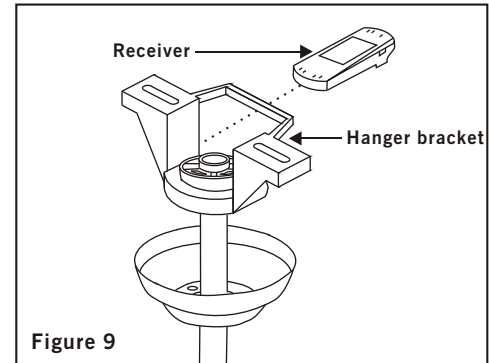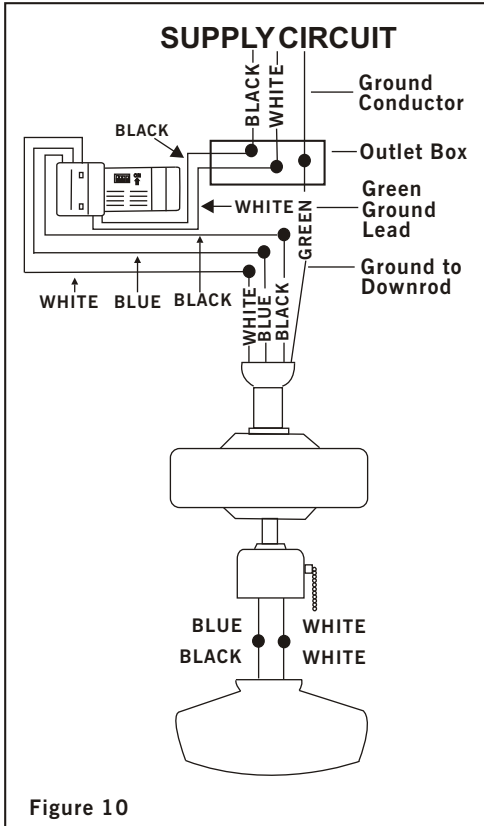WHITE
BLUE
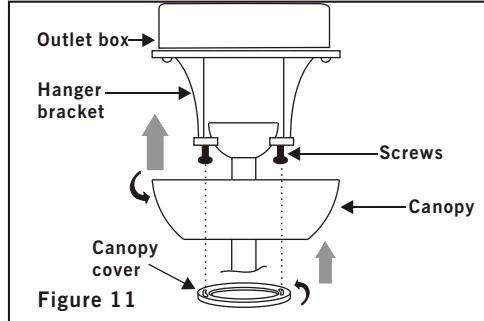BLACK

BLUE   WHITE
BLACK   WHITE

Figure 10

Finishing the Installation

Step 1. Tuck connections neatly into ceiling outlet box.

Step 2. Slide the canopy up to ceiling and over the 2 screws on the hanger bracket. Rotate canopy clockwise. Next, while holding the canopy with one hand, slide the canopy cover over the screws and rotate clockwise until tight. **Note:** adjust the canopy screws as necessary until the canopy and canopy cover are snug. (Fig. 11)

WARNING
Make sure the notch on the hanging bracket properly sits in the groove in the hanger ball before attaching the canopy to the bracket by turning the housing until it drops into place.
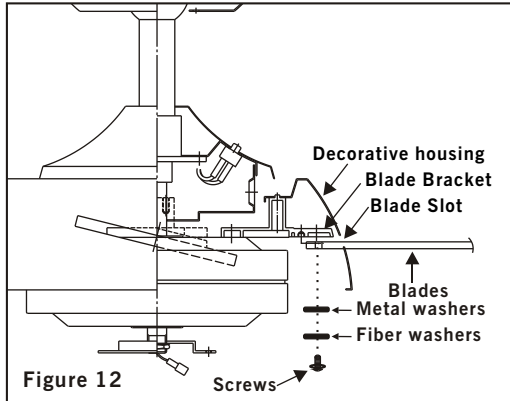

Outlet box

Hanger bracket

Screws

Canopy

Canopy cover

Figure 11

6.

Attaching the Fan Blades

THE FOLLOWING OPERATIONS MUST BE ACCOMPLISHED BEFORE INSTALLING THE LIGHT KIT

Step 1. Insert the blade through the slot in housing. Align holes in blade and motor and secure with the screws, fiber washers and metal washers provided. (Fig. 12)

Step 2. Repeat process with other blades.

Figure 12

Labels: Decorative housing, Blade Bracket, Blade Slot, Blades, Metal washers, Fiber washers, Screws

All blades are grouped by weight. Because natural woods very 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.

1. Check that all blade and blade bracket screws are secure.

2. Most fan wobble problems are caused when blade levels are unequal. Check this level by selecting a point on the ceiling above the tip of one of the blades. Measure this distance as shown in Figure 13. Rotate the fan until the next blade is Positioned for measurement. Repeat for each blade. The distance deviation should be equal within 1/8".

3. Use the enclosed Blade Balancing Kit if the blade wobble is still noticeable.

4. If the blade wobble is still noticeable, interchanging two adjacent (side by side) blades can redistribute the weight and possibly result in smoother operation.
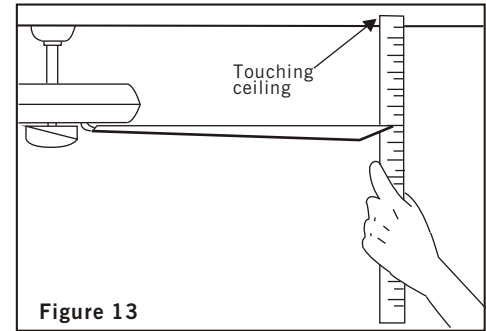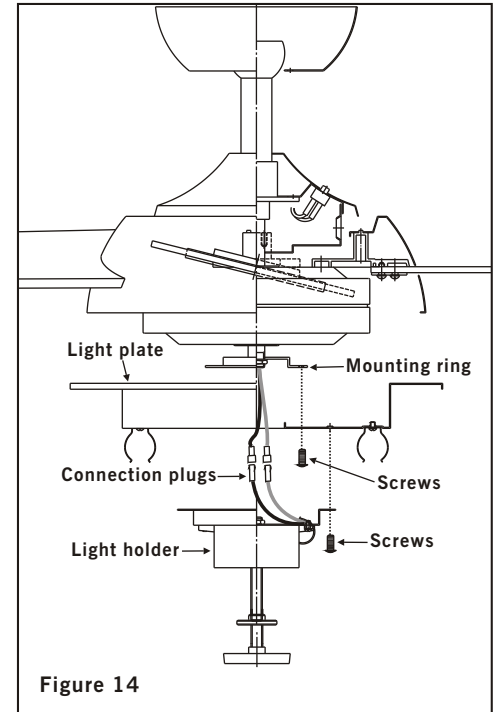
Touching ceiling

Figure 13

7.

NOTE: Before starting installation, disconnect the power by turning off the circuit breaker or removing the fuse at fuse box.
Turning power off using the fan switch is not sufficient to prevent electric shock.

1. Remove the 1 of 3 screws from the mounting ring and keep it for future use. Loosen the other 2 screws. (Do not remove)

2. Place the key holes on the light plate over the 2 screws previously loosened from the mounting ring, turn light plate until it locks in place at the narrow section of the key holes. Secure by tightening the 2 screws previously loosened and the one previously removed. (Figure 14)

3. Remove the 1 of 3 screws from the light plate and keep it for future use. Loosen the other 2 screws. (Do not remove)

4. While holding the light holder under your fan, make the polarized plug connections:
    - White to white
    - Blue to black

5. Place the key holes on the light holder over the 2 screws previously loosened from the light plate, turn light holder until it locks in place at the narrow section of the key holes. Secure by tightening the 2 screws previously loosened and the one previously removed. (Figure 14)
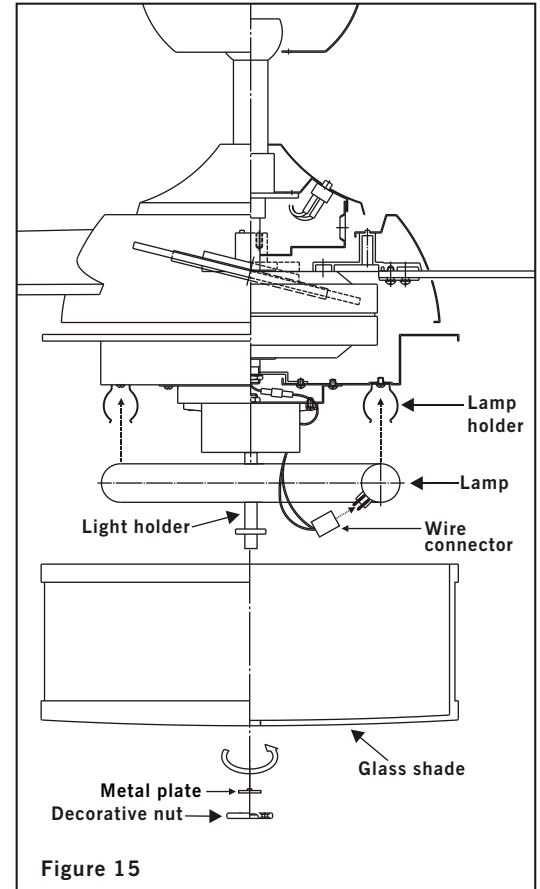

Figure 14

Installing the Light Kit 8.

Installing the light bulb & glass shade

WARNING: Shut off the power supply before removing or replacing lamp.
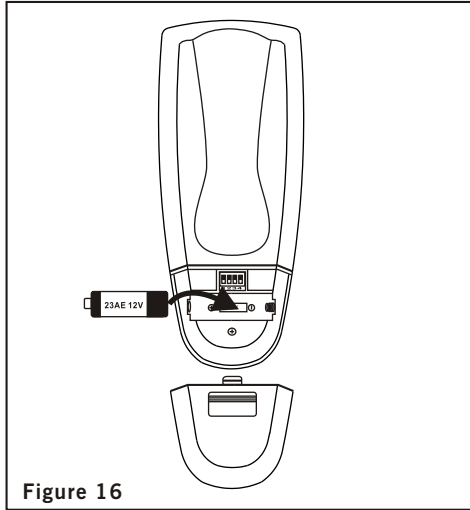
1. Remove the metal plate and decorative nut from the lightholder.

2. Connect the wire connector from the fan to the lamp, then install the lamp (22W) to the light plate using the 3 lamp holders to prop up the lamp. Be sure to pull the lamp holders out a little for installing the lamp easier.(Fig.15)

3. Raise the glass shade up against the light holder, place the metal plate with rubber on the top over the light holder and turn it clockwise until it locks up against the light holder. Do not over tighten. (Fig. 15) Secure the decorative nut provided.

> **NOTE:** Light bulbs have no warranty, can be purchased at local light bulb specialty store or from our service center.

9.

Lamp holder

Lamp

Light holder

Wire connector

Metal plate
Decorative nut

Glass shade

Figure 15

Installing the battery:

Install **12V MN21/A23** battery (not included), to prevent damage to transmitter, remove the battery if not used for long periods.

23AE 12V

Figure 16

Restore power to the ceiling fan and test for proper operation.
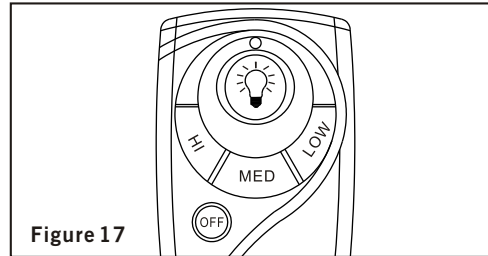
1. "**HI, MED, LOW**" buttons:
 These three buttons are used to set the fan speed as follows:
 LOW=Low speed **MED**= Medium speed
 HI=High speed

2. "**OFF**" button:
 This button turns the fan off.

3. The "☀" button turns the light ON or OFF.

Figure 17

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 top of the motor assembly. 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 air flow creates a cooling effect as shown in Figure 18. This allows you to set your air conditioner on a higher setting without affecting your comfort.

Cool weather - (Reverse) An upward airflow moves warm air off the ceiling area as shown in Figure 19. This allows you to set your heating unit on a lower setting without affecting your comfort.
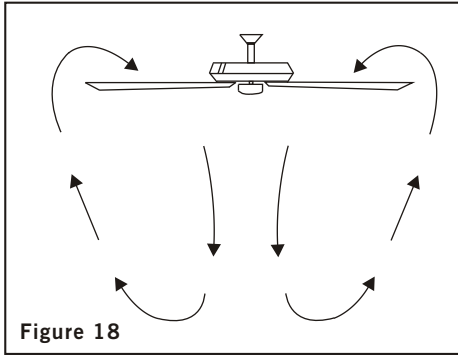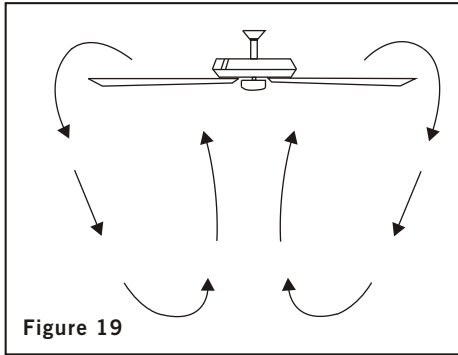
Operating the Transmitter 10.
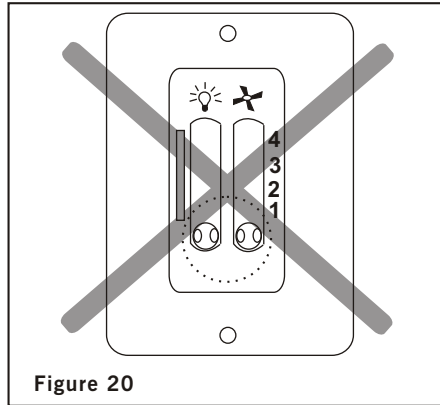
Figure 18

Figure 19

Figure 20

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. 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. Do not use water when cleaning. This could damage the motor, or the wood, or possibly cause an electrical shock.

3. You can apply a light coat of furniture polish to the wood blades for additional protection and enhanced beauty. Cover small scratches with a light application of shoe polish.

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

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

11.Care of Your Fan

Problem	Solution
Fan will not start.	1. Check circuit fuses or breakers.
	2. Check line wire connections to the fan and switch wire connections in the switch housing. **CAUTION**: Make sure main power is off.
	3. Check to make sure the dip switches from the transmitter and receiver are set to the same frequency.
Fan sounds noisy.	1. Make sure all motor housing screws are snug.
	2. Make sure the screws that attach the fan blade bracket to the motor hub is tight.
	3. Make sure wire nut connections are not rubbing against each other or the interior wall of the switch housing. **CAUTION**: Make sure main power is off.
	4. Allow a 24-hour "breaking-in" period. Most noise associated with a new fan disappear during this time.
	5. If using an optional light kit, make sure the screws securing the glassware are tight. Check that the light bulb is also secure.
	6. Do not connect the fan with a wall mounted variable speed control (s)
	7. Make sure the upper canopy is a short distance from the ceiling. **It should not touch the ceiling.**
Remote control malfunction:	1. Do not connect the fan with a wall mounted variable speed control (s)
	2. Make sure the dip switches are set correctly.

Troubleshooting 12.

Fan Size	Speed	Volts	Amps	Watts	RPM	CFM	N.W.	G.W.	C.F.
54"	Low	120	0.23	10	60	1510	Xxx kgs	Xxx kgs	2.87'
	Medium	120	0.42	35	110	2766			
	High	120	0.60	70	165	4150			

These are approximate measures. They do not include Amps and Wattage used by the light kit.

13. Specifications