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._____ 460-922

Serial No._____

Vendor No._____ 14826

UPC _____ 792145351382

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 fan. 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 CUL 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 fan blades are in motion. Fan must be turned off and blades stopped before reversing blade 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 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 reference only. Light kits that are not packed with the fan must be CUL Listed and marked suitable for use with the model fan you are installing. Switches must be CUL General Use Switches. Refer to the Instructions packaged with the light kits and switches for proper assembly.
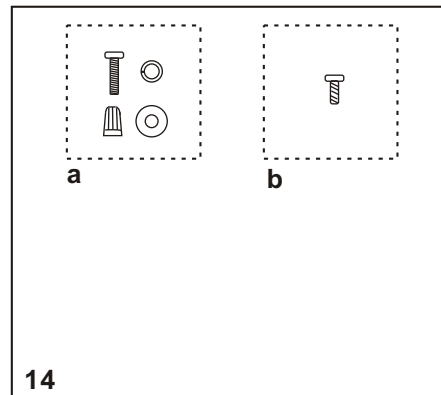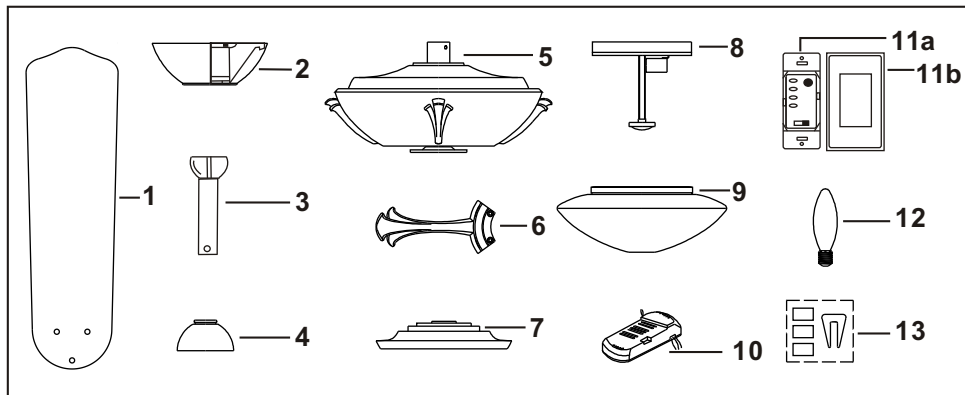

WARNING
TO REDUCE THE RISK OF PERSONAL INJURY, DO NOT BEND THE BLADE ARMS (ALSO REFERRED TO AS BRACKETS) DURING ASSEMBLY OR AFTER INSTALLATION. DO NOT INSERT OBJECTS IN THE PATH OF THE BLADES.

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. Blade arms (5)
7. Mounting plate

8. Light kit
9. Glass shade
10. Receiver
11a. Wall transmitter incl. 2 mounting screws and 6 wire nuts
11b. Wall plate w/2 mounting screws
12. 40 Watt candelabra bulbs (3)
13. Balancing kit

14. Loose parts bag containing:
   a. Mounting hardware
      Screws (2 PCs.)
      Lock washers (2 PCs.)
      Metal washers (2 PCs.)
      Plastic wire connectors (3 PCs.)
   b. Blade attachment hardware
      (16 screws)

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 CUL 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.
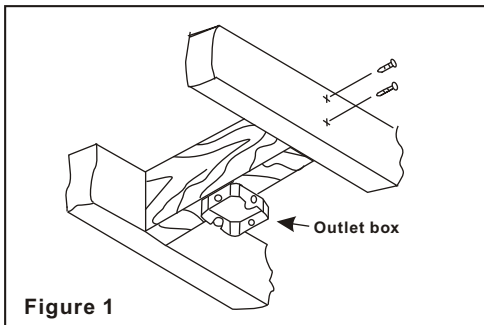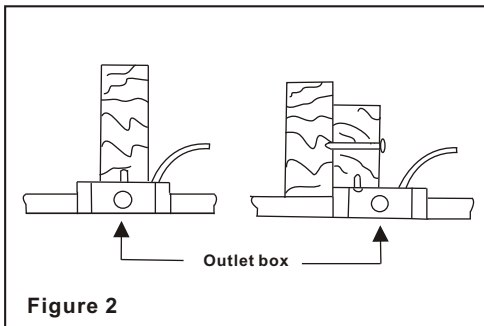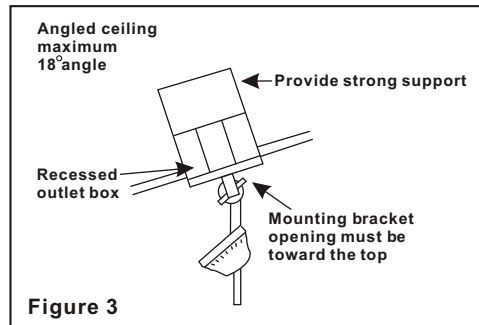
← Outlet box

Figure 1

Outlet box

Figure 2

Angled ceiling maximum 18°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.
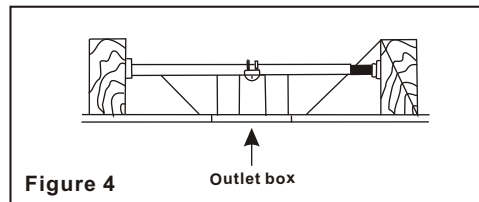
Outlet box

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:

CAUTION
REMOVE 3 RUBBER PACKING MOUNTS AND DISCARD BEFORE INSTALLATION.

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)

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)

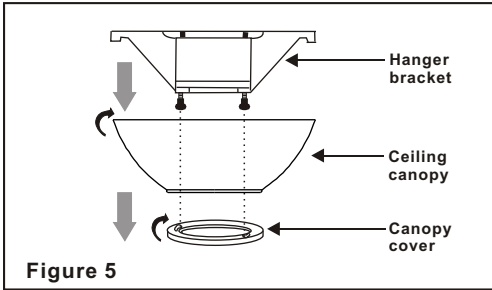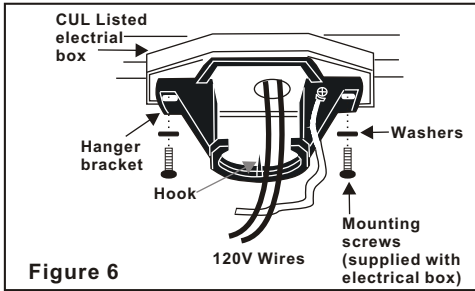**Step 9.** Place the downrod ball into the hanger bracket socket.
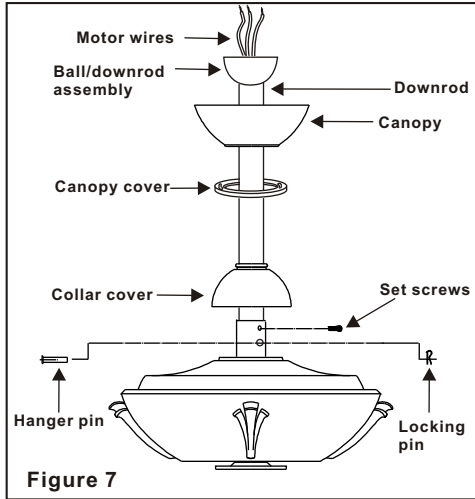

Figure 5

Figure 6

Figure 7

4.

Making the Electrical Connections

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

NOTE: (Fig. 8) 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 wall transmitter have been pre-set from the factory. Please recheck to make sure the switches from both units are set to the same positions. Any combination of settings will operate the fan as long as the wall transmitter and receiver are set to the same switch settings.

Step 1. (Fig. 9) Insert the receiver unit into the hanger bracket with the flat side of the receiver facing the ceiling.

Step 2. (Fig. 10 & 11) Motor to receiver Electrical Connections; Connect the Black wire from the fan to the Black wire marked "To Motor L" from the receiver. 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.

Step 3. (Fig. 10 & 11) Receiver to house supply wires Electrical Connections; Connect the Black (Hot) wire from the outlet box to the Black wire marked "AC in L" from the receiver. Connect the White (neutral) wire from the outlet box to the white wire marked "AC in N" from the receiver. Secure all wire connections with the plastic wire nuts provided.

Step 4. (Fig. 10 & 11) If your outlet box has a ground wire (green or bare copper) connect the fan ground wire from hanger ball and hanger bracket to it; otherwise connect the fan ground wire from the hanger ball and hanger bracket together.

Step 5. After the splices are made, secure connectors with electrical tape. Spread the wires apart so that the green and white wires are on one side of the outlet box and the black and blue wires are on the other. Make sure there are no loose strands or connections. Turn wire connectors upward and push the wiring 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.
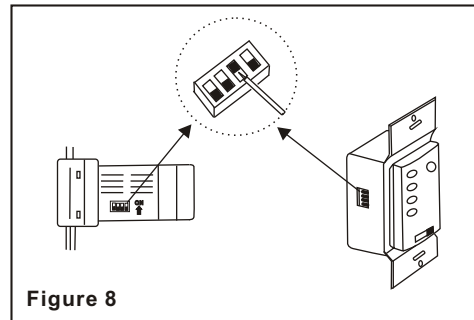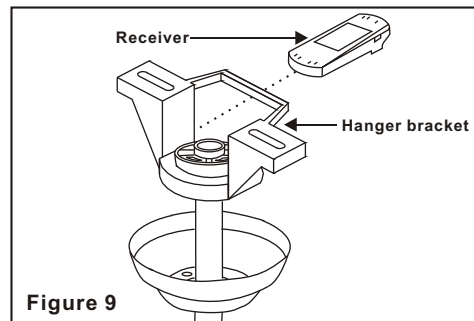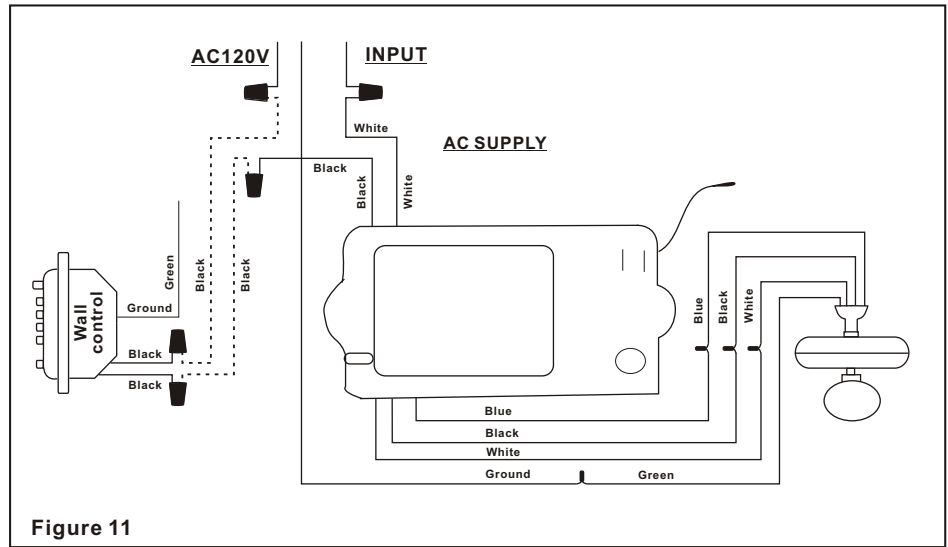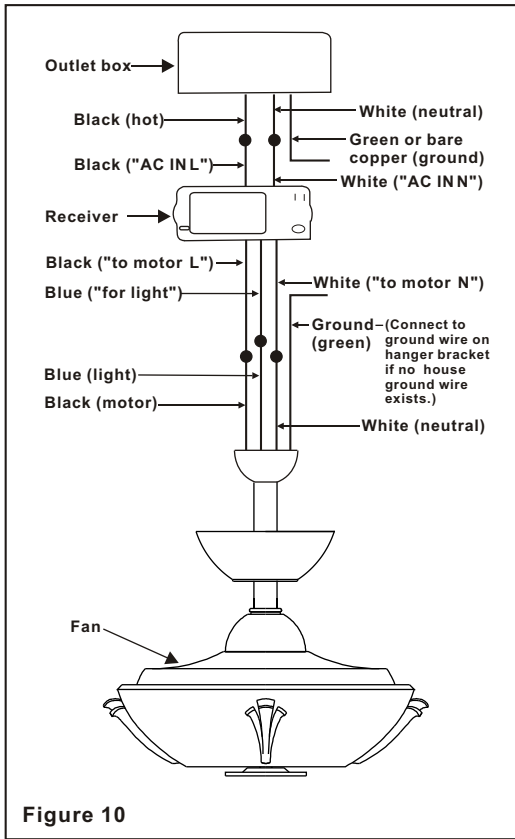
Figure 8

Figure 9

Receiver

Hanger bracket

5.

Figure 10

Outlet box

Black (hot)

Black ("AC IN L")

Receiver

Black ("to motor L")

Blue ("for light")

Blue (light)

Black (motor)

White (neutral)

Green or bare copper (ground)

White ("AC IN N")

White ("to motor N")

Ground – (Connect to
(green) ground wire on
hanger bracket
if no house
ground wire
exists.)

White (neutral)

Fan

Figure 11

AC120V

INPUT

White

AC SUPPLY

Black

Black

White

Wall control

Green

Ground

Black

Black

Black

Black

Blue

Black

White

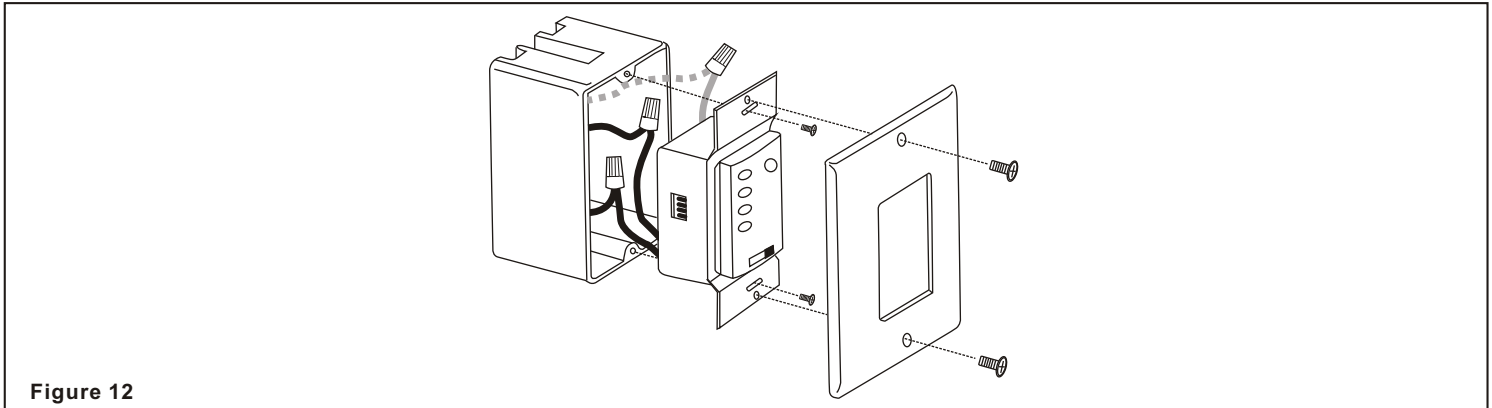Blue

Black

White

Ground

Green

6.

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 TRANSMITTER WALL SWITCH - DAMAGE TO THE SWITCH AND POSSIBLE FIRE COULD OCCUR.

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

Step 2. Make the electrical connections as shown in (Fig. 10&11). If your outlet box has a ground wire (green or bare copper) connect the wall transmitter's ground wire to it; otherwise connect the wall transmitter's ground wire directly to one of the screws from the outlet box.
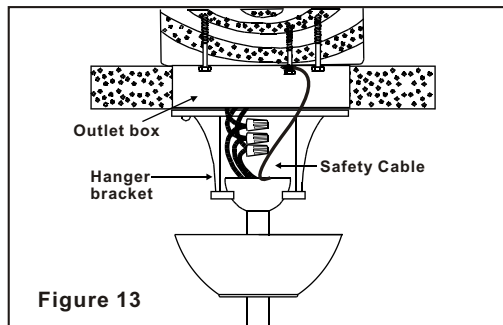
Step 3. (Fig. 12) Carefully tuck the wire connections inside the junction box. Secure the wall transmitter with the two screws provided. Attach the wall plate over the wall transmitter and secure with the two screws provided.

Figure 12

7. Installing the Wall Transmitter

Installation of Safety Support

An additional safety support is provided to prevent the fan from falling. Secure the safety cable to the ceiling joist with screw and washer, as illustrated in Figure 13.
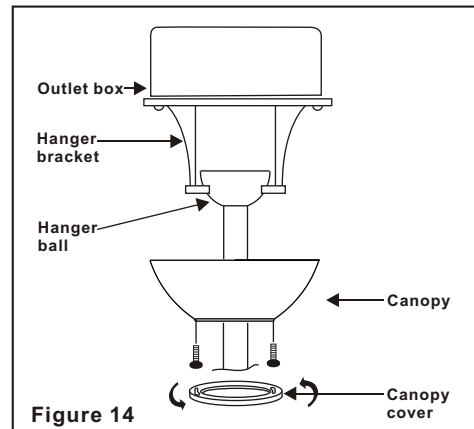

Outlet box

Hanger bracket

Safety Cable

Figure 13

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. 13)

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.
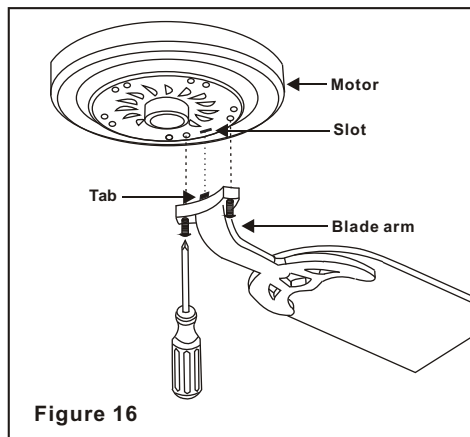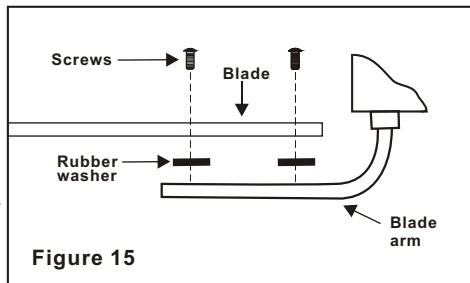

Outlet box

Hanger bracket

Hanger ball

Canopy

Figure 14

Canopy cover

8.

Attaching the Fan Blades

Step 1 Attach blades to blade arms using three screws and rubber washers as shown in Figure 15. Start a screw into the bracket, do not tighten. Repeat for the 2 remaining screws and washers.

Step 2 Tighten each screw securely starting with the center screw. Make sure the blade is straight.

Step 3 Fasten the blade arms to the motor by inserting the tab from the blade arms to the slot in the bottom motor housing, then tighten the two screws and washers already installed in the blade arms (Figure 16).

Step 4 Install an optional light kit if you wish. Follow the instructions included with the kit.
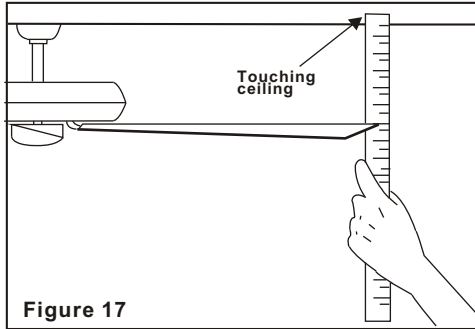
Figure 15

Figure 16

All blades are grouped by weight. Because natural woods very in density, the fan may wobble even though the blades are weighed equally.

The following procedure should correct most fan wobbling problems. Check after each step.

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

2. Most fan wobbling 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 17. 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.
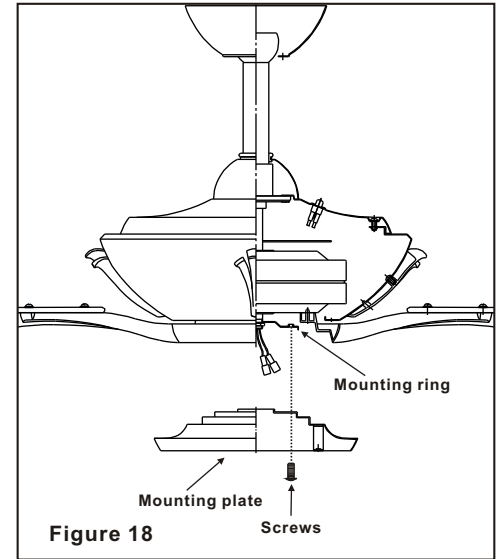
9.

Figure 17

Touching
ceiling

Installing the Mounting Plate

Step 1. Remove 1 of the 3 screws from the mounting ring and loosen the other 2 screws. (Do not remove)

Step 2. Place the key holes on the mounting plate over the 2 screws previously loosened from the mounting ring, turn mounting 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. (Fig. 18)

Mounting ring

Mounting plate

Screws

Figure 18

10.

REMEMBER: To disconnect the power. The fan blades must be already attached to the fan.

Your fan and light kit though pre-wired have been disassembled at the factory to ease in shipping. Please follow these steps to complete the installation of your fan and light. **TO REDUCE THE RISK OF FIRE DO NOT EXCEED MAXIMUM WATTAGE RATING.**
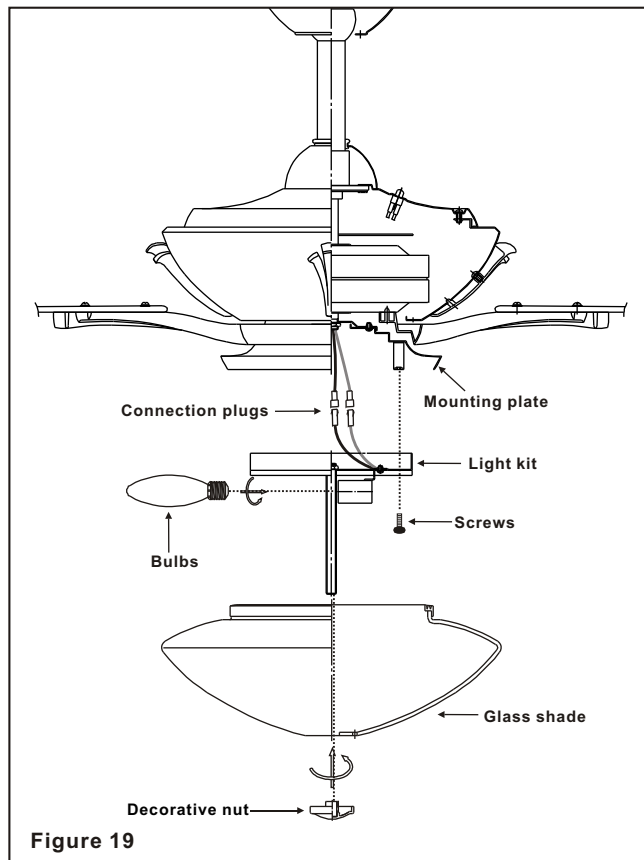
Step 1. Remove the 1 of 3 screws from the mounting plate and keep it for future use. Loosen the other 2 screws (Do not remove)

Step 2. Raise and hold the light kit close to the mounting plate and proceed to do the wire connections. Connect the white wire connectors from the light kit and fan, follow the same procedure with the black wire connectors. (Fig. 19)

Step 3. Tuck connections neatly into mounting plate, place the key holes on the light kit over the 2 screws previously loosened from the mounting plate, turn light kit 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. (Fig. 19)

Step 4. Install 3 x 40W candelabra bulbs (included). (Fig. 19)

Step 5. Place glass shade over the light kit and secure it with the decorative nut provided. DO NOT OVER TIGHTEN. (Fig. 19)

Connection plugs

Mounting plate

Light kit

Screws

Bulbs

Glass shade

Decorative nut

Figure 19

11. Installing the Light Kit

Restore power to the ceiling fan and test for proper operation.

1. **"HI, MED, LOW"** buttons:
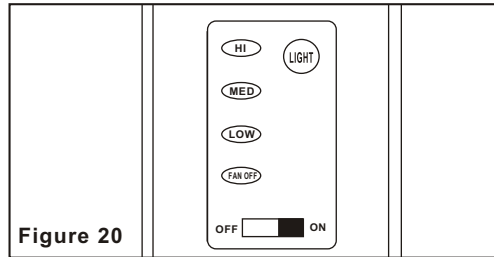   These three buttons are used to set the fan speed as follows:
   LOW=Low speed **MED**= Medium speed
   HI=High speed

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

3. The **"LIGHT"** button turns the light ON or OFF and also controls the brightness setting. Press and release the button to turn the light ON or OFF. Press and hold the button to set the desired brightness. The light key has an auto-resume, it will stay at the same brightness as the last time it was turned off.

Figure 20

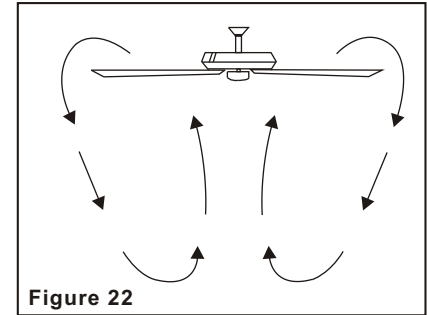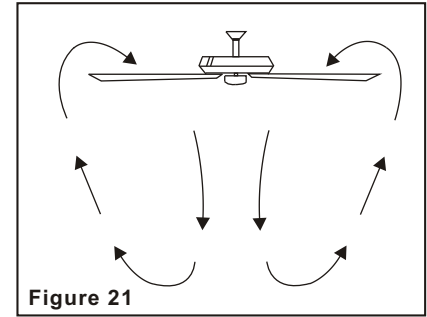4. The Slide **"OFF-ON"** button turns all power off-on to fan and light.

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 top of 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 21. 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 22. This allows you to set your heating unit on a lower setting without affecting your comfort.

Figure 21

Figure 22

Operating the Transmitter 12.

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"

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13. 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 14.

Fan Size	Speed	Volts	Amps	Watts	RPM	CFM	N.W.	G.W.	C.F.
52"	Low	120				XXX			
	Medium	120					XXX Kgs	XXX Kgs	XX'
	High	120							

These are typical readings. Your actual fan may vary. They do not include Amps and Wattage used by the light kit.

15. Specifications