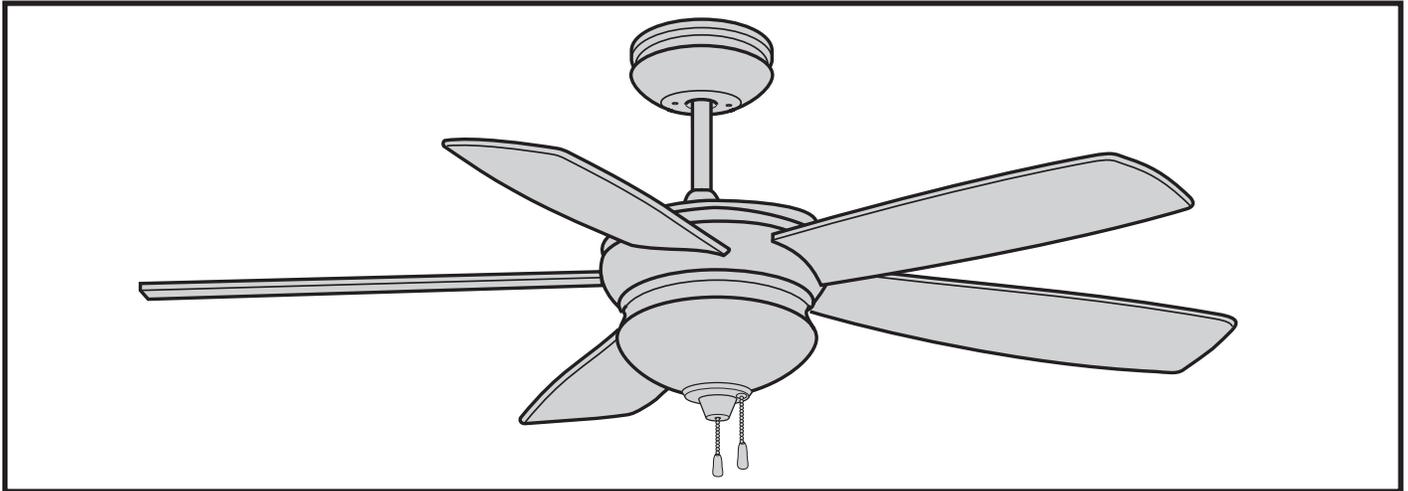


READ AND SAVE THESE INSTRUCTIONS



EMERSON™

INDOOR/OUTDOOR



SUMMERHAVEN LED™

**52" Wet Location Ceiling Fan
Owner's Manual**

Model Numbers

CF850SW01 - Satin White

CF850GES01 - Golden Espresso

CF850VNB01 - Venetian Bronze



Net Weight: 23.8 Lbs.

Questions, problems, missing parts: Before returning to the store call
Emerson Electric Customer Service
8 a.m. - 6 p.m., Eastern, Monday-Friday

1-800-654-3545

www.emersonfans.com

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READ AND SAVE THESE INSTRUCTIONS

Safety Instructions

WARNING

TO REDUCE THE RISK OF FIRE, ELECTRICAL SHOCK, OR INJURY TO PERSONS, OBSERVE THE FOLLOWING:

- Use this unit only in a manner intended by the manufacturer. If you have questions, contact the manufacturer.
- Before servicing or cleaning unit, switch power off at service panel and lock service panel disconnecting means to prevent power from being switched on accidentally. When the service disconnecting means cannot be locked, securely fasten a warning device, such as a tag, to the service panel.

- Read your owner's manual carefully and keep it for future reference.
- Be careful of the fan and blades when cleaning, painting, or working near the fan. Always turn off the power to the ceiling fan before servicing.
- Do not put anything into the fan blades while they are turning.
- Do not operate reversing switch until fan blades have come to a complete stop.

Additional Safety Instructions for Installation

- To avoid possible shock, be sure electricity is turned off at the fuse box before wiring, and do not operate fan without blades.
- All wiring must be in accordance with the National Electrical Code "ANSI/NFPA 70-2017" and Local Electrical Codes. Use the National Electrical Code if Local Codes do not exist. The ceiling fan must be grounded as a precaution against possible electrical shock. Electrical installation should be made or approved by a licensed electrician.

- The outlet box and joist must be securely mounted and capable of reliably supporting at least 50 pounds. Use only U.L. outlet boxes listed as "Acceptable for Fan Support of 22.7kg. (50 lbs.) or less", and use the mounting screws provided with the outlet box. Most outlet boxes commonly used for support of light fixtures are not acceptable for fan support and may need to be replaced. Consult a qualified electrician if in doubt.
- The downrod furnished with the fan provides the minimum recommended floor to fan blade clearance for an 8 foot ceiling.
- The fan must be mounted with the fan blades at least 7 feet from the floor to prevent accidental contact with the fan blades.
- Follow the recommended instructions for the proper method of wiring your ceiling fan. If you do not know enough about electrical wiring, have your fan installed by a licensed electrician.

NOTE: This product is suitable for use in wet locations when installed in a GFCI protection branch circuit.

NOTE: This fan is suitable for use with solid-state speed controls.

NOTE: All set screws must be checked and re-tightened where necessary before installation.

WARNING

To reduce the risk of electrical shock, this fan must be installed with an isolating wall control/switch.

To avoid fire, shock or injury, do not use an Emerson or any other brand of control not specifically approved for this fan.

This product is designed to use only those parts supplied with this product and/or any accessories designated specifically for use this product by Emerson Electric Co. Substitution of parts or accessories not designated for use with this product by Emerson could result in personal injury or property damage.

To reduce the risk of personal injury, do not bend the blade flange when installing the blade flanges, balancing the blades or cleaning the fan. Do not insert foreign objects in between rotating fan blades.

1. Unpacking Instructions

⚠ WARNING

Do not install or use fan if any part is damaged or missing. Call Toll-Free for replacement parts:

1-800-654-3545

⚠ WARNING

This product is designed to use only those parts supplied with this product and/or any accessories designated specifically for use with this product by Emerson Electric Co. Substitution of parts or accessories not designated for use with this product by Emerson Electric Co. could result in personal injury or property damage.

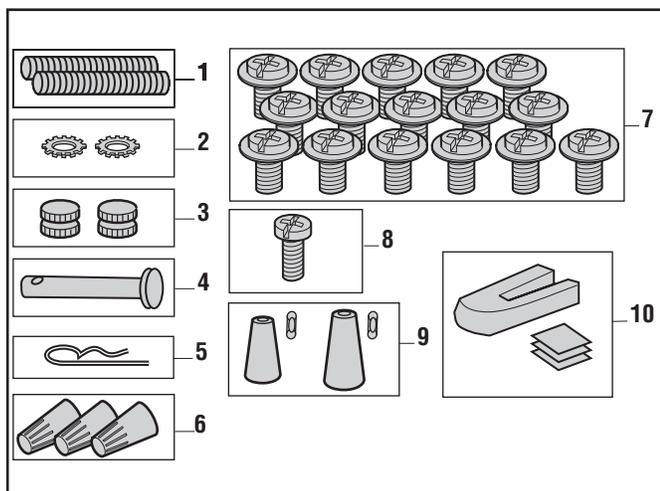
1.1

Check to see that you have received the following parts:

NOTE: If you are uncertain of part description, refer to exploded view illustration below.

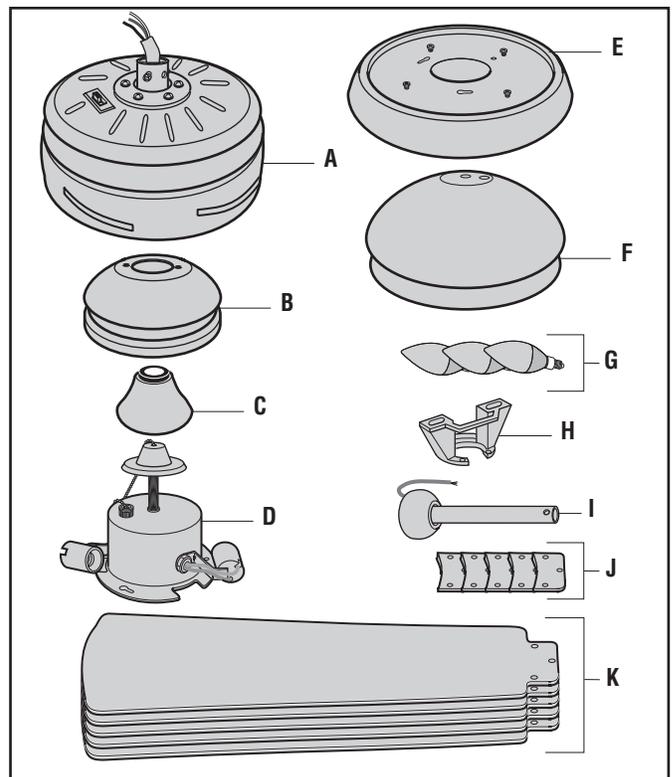
HARDWARE BAG CONTENTS

Part	Description	Quantity
1	Threaded Studs, #8-32 x 1-1/4"	2
2	Lockwashers, External Tooth #8	2
3	Knurled Knobs, #8-32	2
4	Clevis Pin	1
5	Hairpin Clip	1
6	Wire Connectors, 12 Ga.	3
7	#10 - 24 x 15mm Washer Head Blade Screws	16
8	#8 - 32 x 10mm Pan Head Screw (spare)	1
9	Wood Pendants and Couplers	2 sets
10	Blade Balance Kit	1



PACKAGE CONTENTS

Part	Description	Quantity
A	Fan Motor Assembly	1
B	Ceiling Cover	1
C	Coupler Cover	1
D	Light Kit Assembly (bowl cap & finial nut)	1 set
E	Lower Housing	1
F	Lower Glass	1
G	5.5-Watt Candelabra LED Light Bulbs	3
H	Hanger Bracket	1
I	Hanger Ball / 4.5" Downrod Assembly	1
J	Fan Blade Support Plates	5
K	Fan Blades	5



NOTE: Place the parts from the loose parts bags in a small container to keep them from being lost. If any parts are missing, call 1-800-654-3545 for replacement parts before proceeding.

1.2

Remove the Fan Motor Assembly from the protective plastic bag. Place the Fan Assembly into the upper styrofoam with the top of the Motor facing up.

The upper styrofoam serves as a holder for the Fan during the first stages of assembly.

1. Unpacking Instructions (Continued)

THIS FAN IS SUITABLE FOR WET LOCATIONS SUCH AS PORCHES, PATIOS, AND DECKS. USE ONLY WITH LIGHT KITS MARKED SUITABLE FOR USE IN WET LOCATIONS.

This Manual Is Designed to Make it as Easy as Possible for You to Assemble, Install, Operate and Maintain Your Ceiling Fan

Tools Needed for Assembly

One Phillips Head Screwdriver One Stepladder
One 1/4" Blade Screwdriver One Wire Stripper

Materials

Wiring outlet box and box connectors must be of type required by the local code. The minimum wire would be a 3-conductor (2-wire with ground) of following size:

<u>Installed Wire Length</u>	<u>Wire Size A.W.G.</u>
Up to 50 ft.	14
50-100 ft.	12

WARNING

Before assembling your ceiling fan, refer to section on proper method of wiring your fan (page 11). If you feel you do not have enough wiring knowledge or experience, have your fan installed by a licensed electrician.

2. Electrical Requirements

Your new Ceiling Fan will require a grounded electrical supply line of 120 Volts AC, 60 Hz, 15 Amp Circuit.

WARNING

To reduce the risk of fire, electric shock, or personal injury, mount fan to outlet box marked "Acceptable for Fan Support of 22.7 kg. (50 lbs.) or less", and use screws supplied with outlet box. Most outlet boxes commonly used for support of light fixtures are not acceptable for fan support and may need to be replaced. Consult a qualified electrician if in doubt.

WARNING

Turning off wall switch is not sufficient. To avoid possible electrical shock, be sure electricity is turned off at the main fuse box before wiring. All wiring must be in accordance with National and Local codes and the ceiling fan must be properly grounded as a precaution against possible electrical shock.

The Outlet Box must be securely anchored and capable of withstanding a load of at least 50 Pounds.

If your Fan is to replace an existing Ceiling Light Fixture, turn electricity off at the Main Fuse Box at this time and remove the existing Light Fixture.

WARNING

To avoid fire or shock, follow all wiring instructions carefully.

Any electrical work not described in these instructions should be done or approved by a licensed electrician.

Please call Emerson Technical Support at 1-800-654-3545 if you have any questions about installation and operation of this Ceiling Fan.

3. Ceiling Fan Assembly

3.1

Remove and discard the Two Cardboard Shipping Retainers securing the Motor Hub in the Motor Housing Assembly (Figure 1).

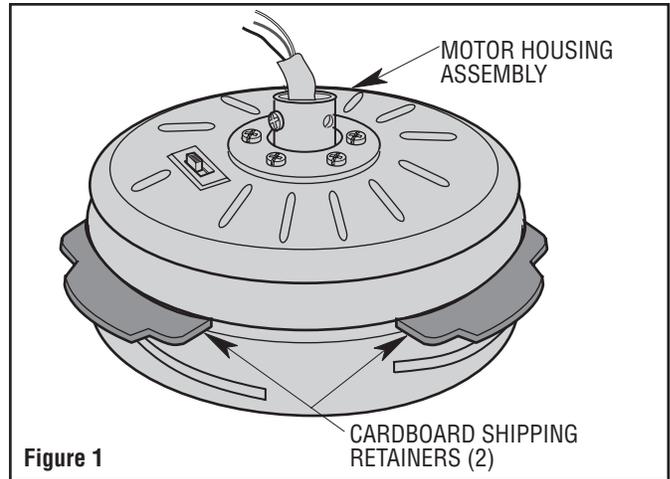


Figure 1

3.2

Remove the Hanger Ball from the 4.5" Downrod by loosening the Set Screw in the Hanger Ball until the Ball falls freely down the Downrod (Figure 2).

Remove the Pin from the Downrod, then remove the Hanger Ball.

Retain the Pin and Hanger Ball for reinstallation in Step 3.18.

NOTE: Do not loosen the screw holding the green ground wire.

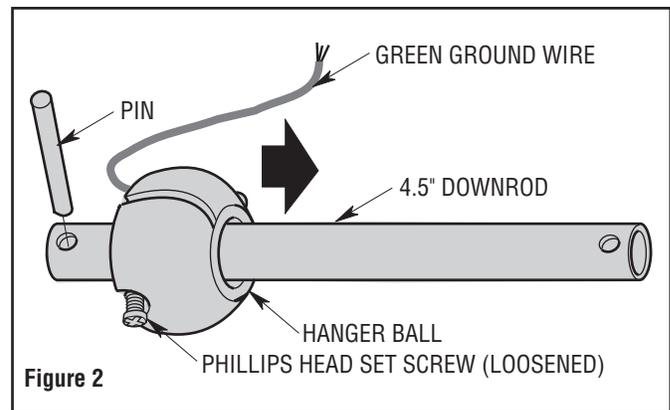


Figure 2

3.3

Separate, untwist and unkink the Three 80" Motor Wires.

Route the 80" Black, Blue and White Motor Wires through the 4.5" Downrod (Figure 3).

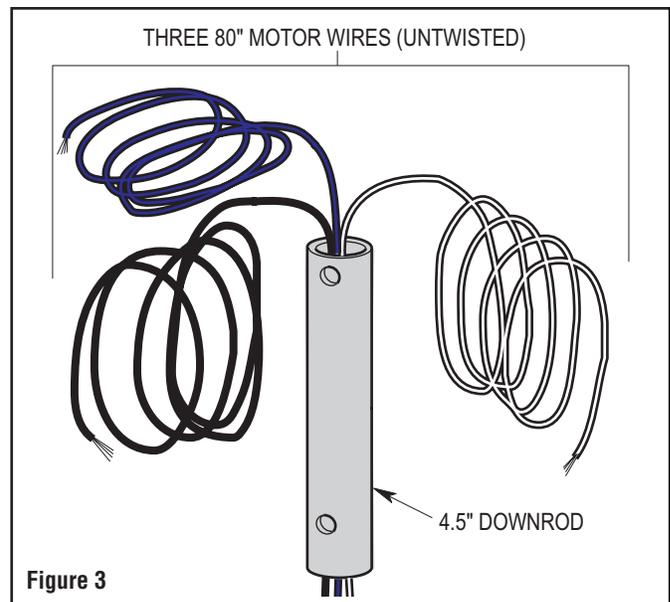


Figure 3

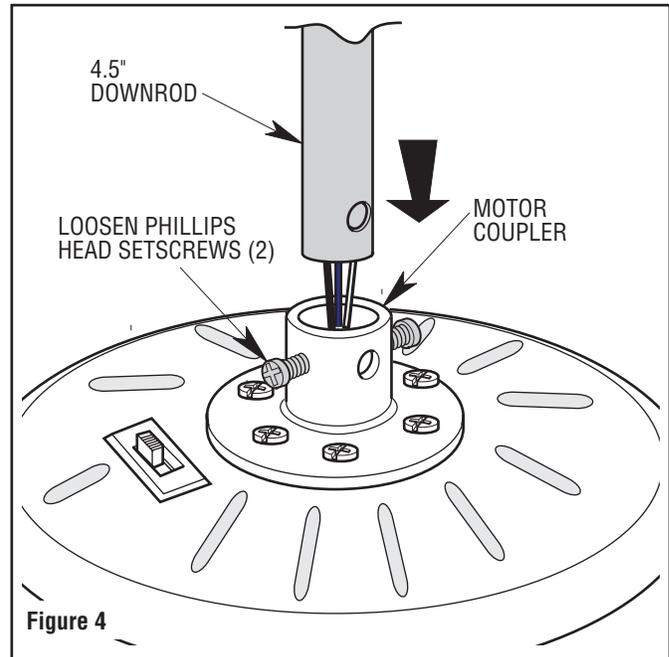
3. Ceiling Fan Assembly (continued)

3.4

Loosen the Two Phillips Head Set Screws in the Motor Coupler for installation of the 4.5" Downrod (Figure 4).

Seat the 4.5" Downrod in the Motor Coupler (Figure 4).

Rotate and align the 4.5" Downrod holes with the Two Holes in the Motor Coupler (Figure 4).



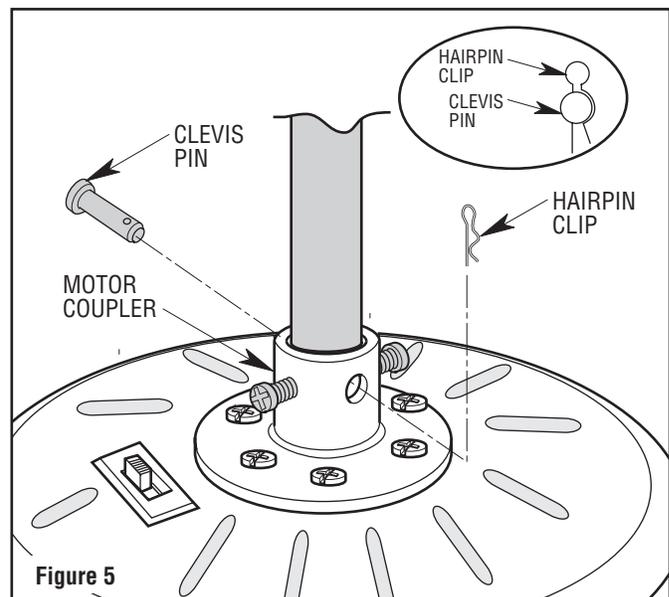
3.5

Install the Clevis Pin and secure with the Hairpin Clip (Figure 5).

The Clevis Pin must go through the Motor Coupler Holes. It is critical that the Clevis Pin in the Motor Coupler is properly installed and securely tightened.

⚠ WARNING

It is critical that the clevis pin in the motor coupler is properly installed. Failure to verify that the clevis pin is properly installed could result in the fan falling.



3. Ceiling Fan Assembly (continued)

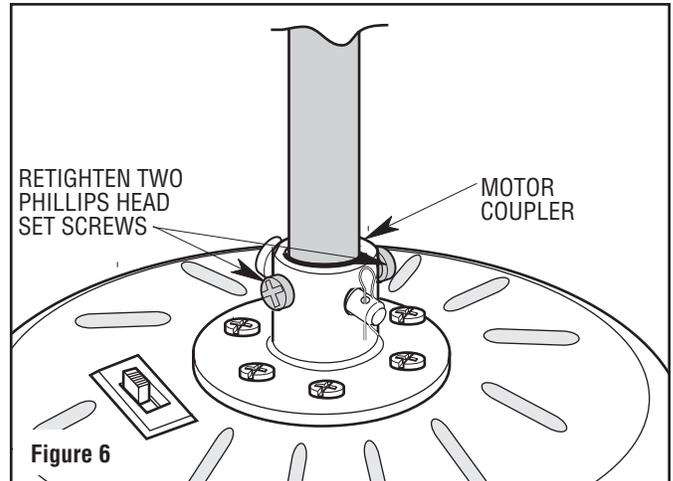
3.6

While pulling up on the 4.5" Downrod, retighten the Two Set Screws (previously loosened) in the Motor Coupler to secure the Downrod into place (Figure 6).

NOTE: The set screws must be properly installed as described above, or fan wobble could result.

WARNING

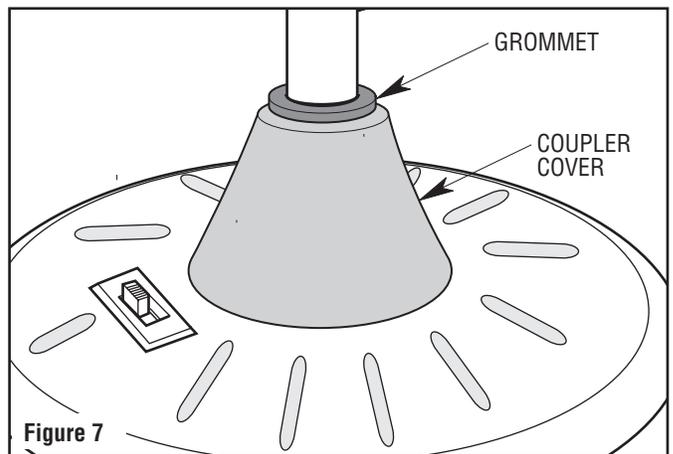
It is critical that the set screws in the motor coupler are properly installed and securely tightened. Failure to verify that the set screws are properly installed could result in the fan falling.



3.7

Make sure the Grommet is properly installed in the Motor Coupler Cover then slide the Motor Coupler Cover on the Downrod until it rests on the Motor Housing.

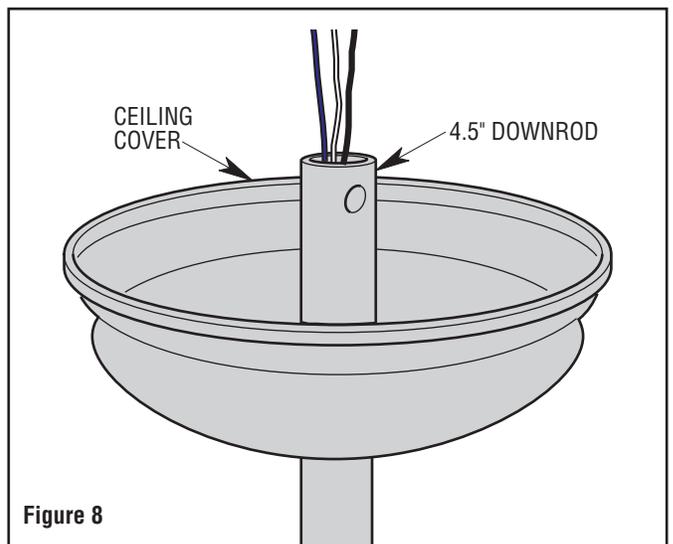
Be sure the Motor Coupler Cover is oriented correctly (Figure 7).



3.8

Place the Ceiling Cover over the Downrod.

Be sure the Ceiling Cover is oriented correctly (Figure 8).



3. Ceiling Fan Assembly (continued)

3.9

Route the Two 80" Motor Leads through the Hanger Ball.

Reinstall the Hanger Ball (Figure 9) on the Downrod as follows:

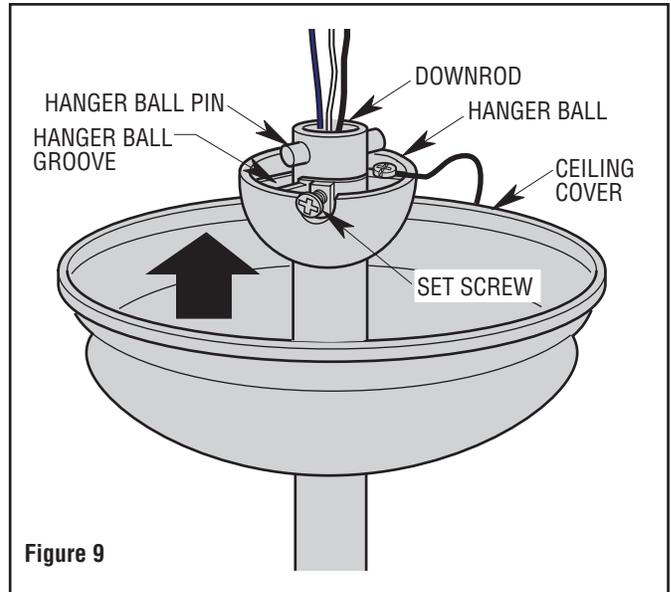
Position the Hanger Ball Pin through the two Holes in the Downrod and align the Ball so the Pin is captured in the Groove in the top of the Hanger Ball.

Pull the Hanger Ball up tight against the Pin and securely tighten the Set Screw in the Hanger Ball.

NOTE: A loose set screw could create fan wobble.

WARNING

It is critical that the pin in the hanger ball is properly installed and the set screw securely tightened. Failure to verify that the pin and set screw are properly installed could result in the fan falling.

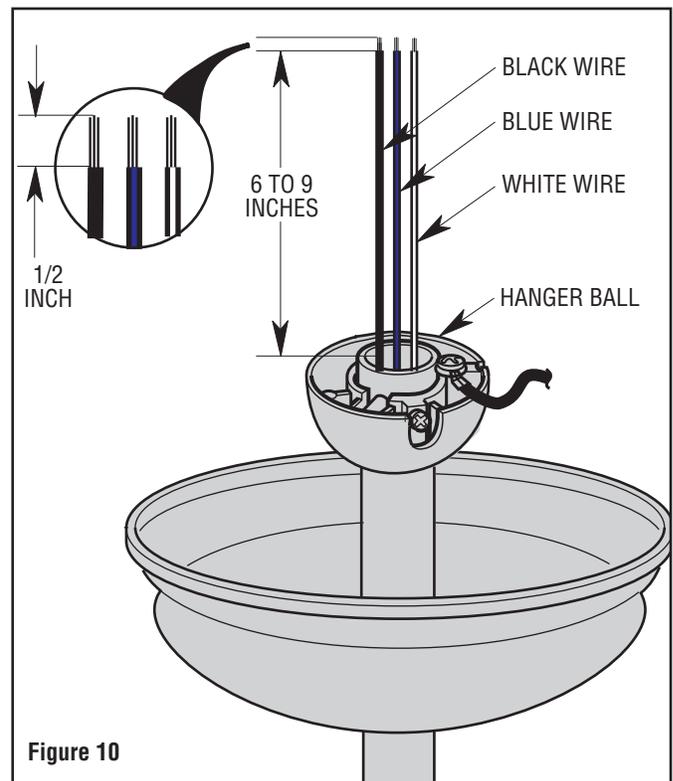


3.10

The Fan comes with Black, Blue and White Wires that are 80-inches long.

Before installing the Fan, measure up approximately 6 to 9-inches above top of Hanger Ball/Downrod Assembly (Figure 10).

Cut off excess Wires and strip back insulation 1/2-inch from end of Wires.



4. How to Hang Your Ceiling Fan

⚠ WARNING

The fan must be hung with at least 7' of clearance from floor to blades (Figure 11).

⚠ WARNING

The outlet box and joist must be securely mounted and capable of supporting at least 50 lbs. Use only a U.L. outlet box listed as "Acceptable for Fan Support of 22.7 kg. (50 lbs.) or less".

⚠ WARNING

To reduce the risk of fire, electric shock, or personal injury, mount fan to outlet box marked "Acceptable for Fan Support of 22.7 kg. (50 lbs.) or less", and use screws supplied with outlet box. Most outlet boxes commonly used for support of light fixtures are not acceptable for fan support and may need to be replaced. Consult a qualified electrician if in doubt.

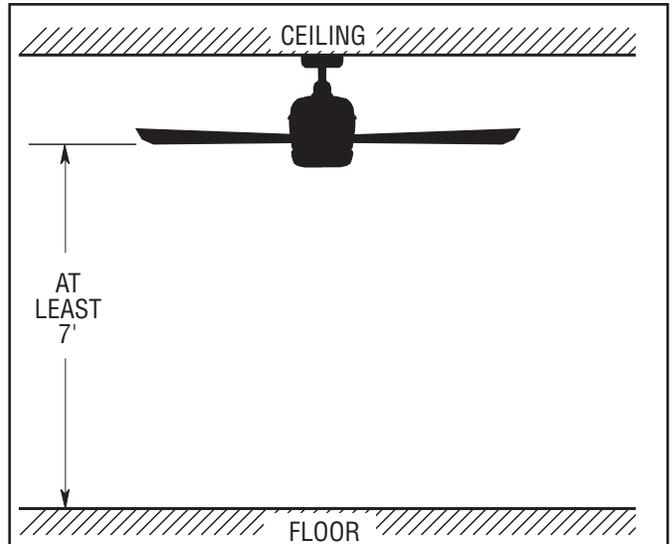


Figure 11

4.1

Securely attach the Hanger Bracket to the Outlet Box using the Two Screws supplied with the Outlet Box (Figure 12).

⚠ WARNING

Hanger bracket must seat firmly against outlet box. If the outlet box is recessed, remove wall board until bracket contacts box. If bracket and/or outlet box are not securely attached, the fan could wobble or fall.

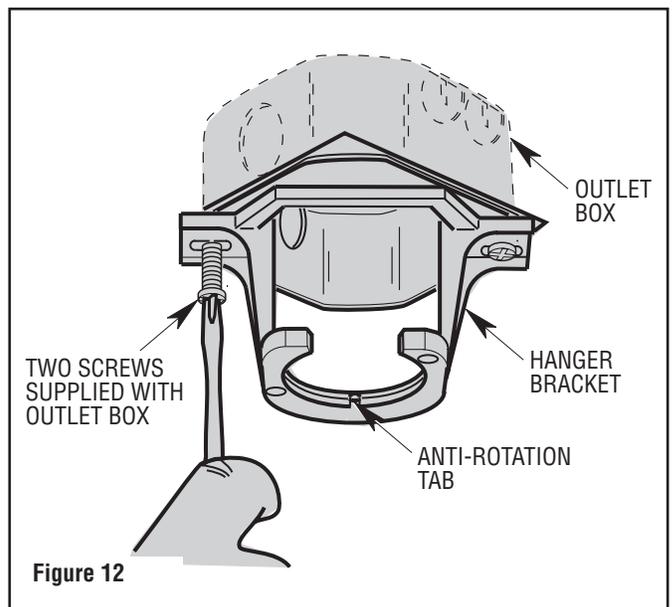


Figure 12

4. How to Hang Your Ceiling Fan (continued)

4.2

Carefully lift the Fan and seat the Hanger Ball/Downrod Assembly into the Hanger Bracket that was just attached to the Outlet Box (Figure 13).

Be sure the Groove in the Ball is lined up with Anti-Rotation Tab on the Hanger Bracket (Figure 13).

⚠ WARNING

Failure to seat anti-rotation tab in groove could cause damage to electrical wires and possible shock or fire hazard.

⚠ WARNING

To avoid possible fire or shock, do not pinch wires between the hanger ball/downrod assembly and hanger bracket.

NOTE: CEILING COVER, SUPPLY WIRES AND FAN WIRES OMITTED FOR CLARITY.

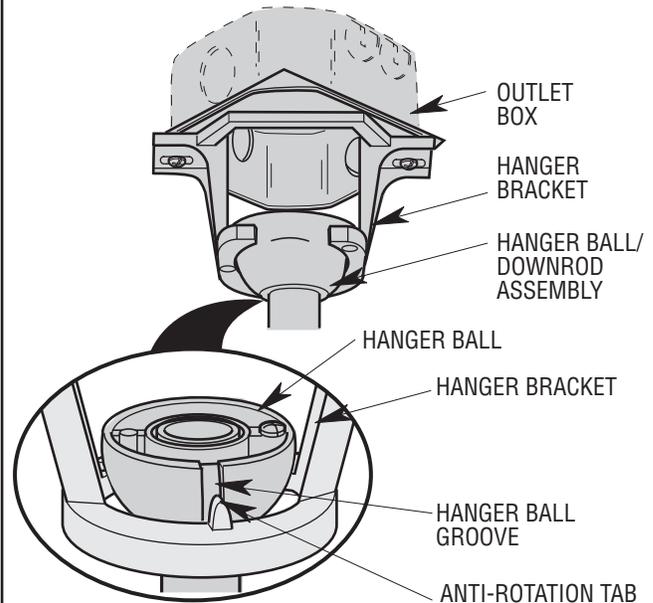


Figure 13

5. How to Wire Your Ceiling Fan

If you feel that you do not have enough electrical wiring knowledge or experience, have your fan installed by a licensed electrician.

⚠ WARNING

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

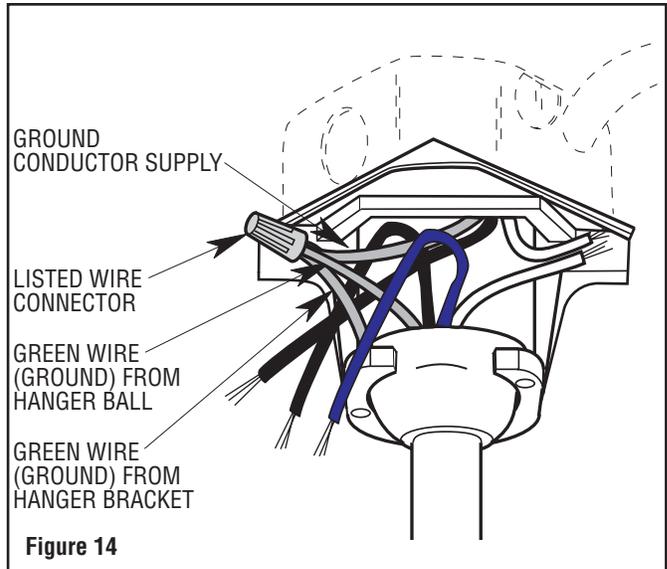
NOTE: If you are not sure if the outlet box is grounded, contact a licensed electrician for advice, as it must be grounded for safe operation.

5.1

Connect the Green Grounding Lead from the Hanger Ball and the Green Grounding Lead from the Hanger Bracket to the Grounding Conductor of Supply (this may be a bare wire or wire with green colored insulation). Securely connect Wires with Wire Connectors (supplied) (Figure 14).

⚠ WARNING

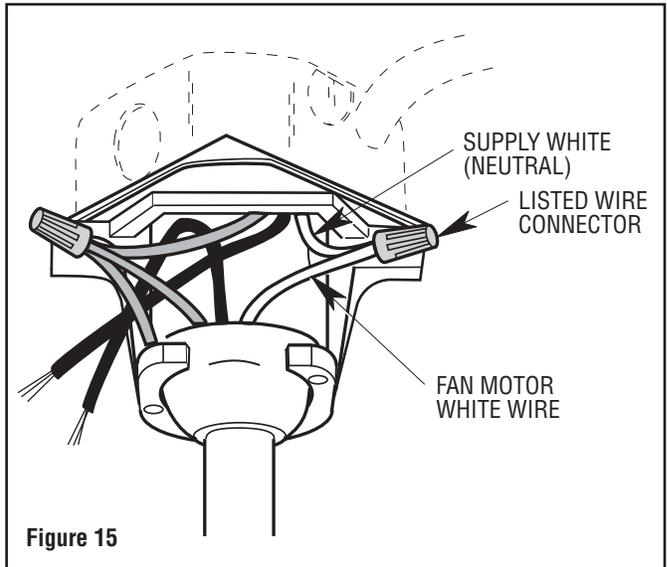
This product is designed to use only those parts supplied with this product and/or any accessories designated specifically for use with this product by Emerson Electric Co. Substitution of parts or accessories not designated for use with this product by Emerson Electric Co. could result in personal injury or property damage.



5.2

NOTE: If you are using an Emerson Light Fixture with your Fan, see Light Fixture Owner's Manual for wiring.

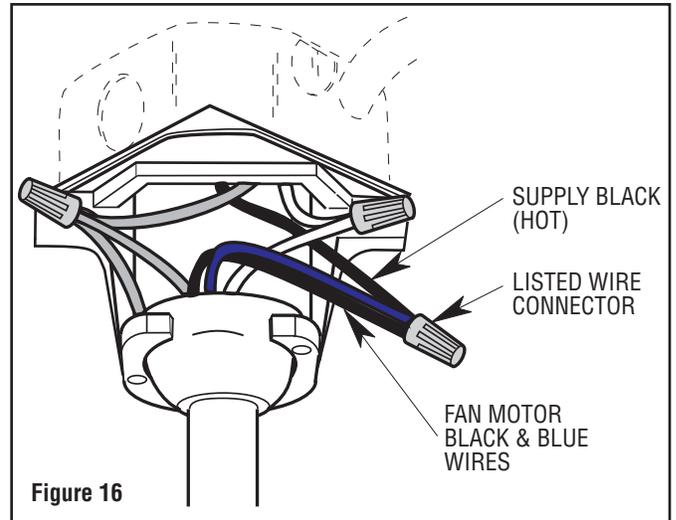
Securely connect the Fan Motor White Wire to the Supply White (neutral Wire using Wire Connector (supplied) (Figure 15).



5. How to Wire Your Ceiling Fan (continued)

5.3

Securely connect the Fan Motor Black and Blue Wires to the Supply Black (hot) Wire using Wire Connector (supplied) (Figure 16).

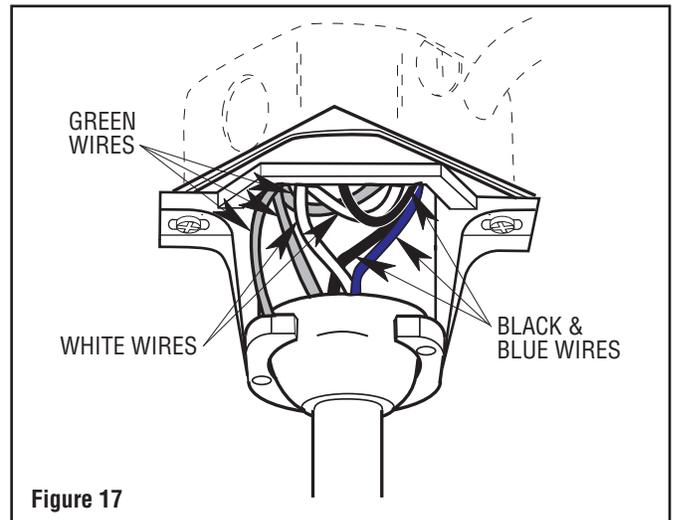


5.4

After Connections have been made, turn Wires upward and carefully push Wires into the Outlet Box, with the White and Green Wires on one side of the Outlet Box and position the Black/Black/Blue Wires on the other side of the Outlet Box (Figure 17).

⚠ WARNING

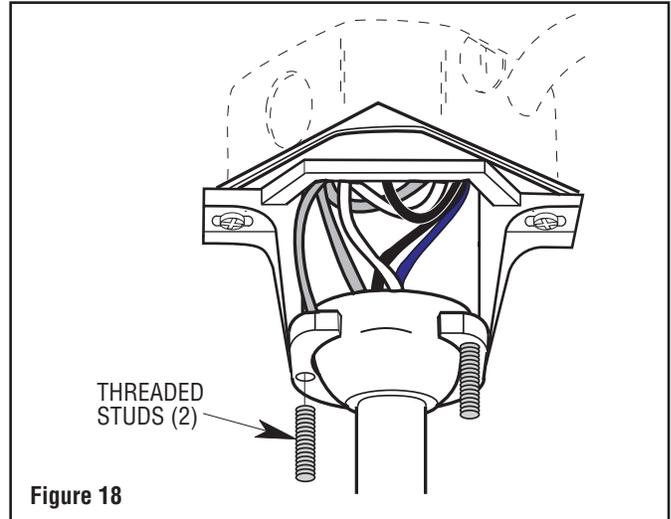
Check to see that all connections are tight, including ground, and that no bare wire is visible at the wire connectors, except for the ground wire. Do not operate fan until blades are in place. Noise and fan damage could result.



6. Final Assembly

6.1

Screw the Two Threaded Studs (supplied) into the Tapped Holes in the Hanger Bracket (Figure 18).



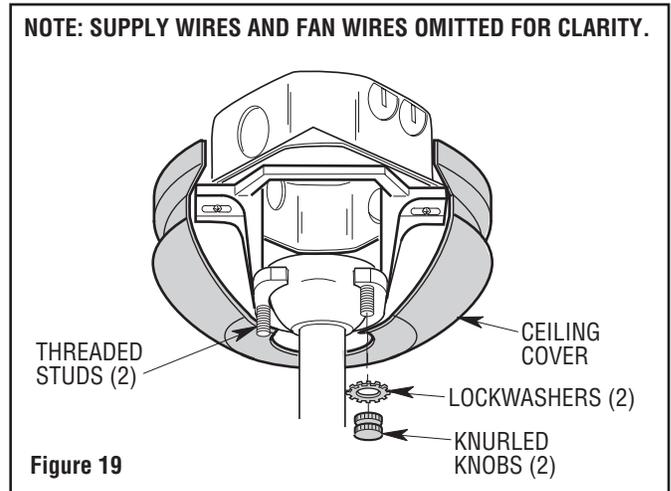
6.2

Lift the Ceiling Cover up to the Threaded Studs and turn until Studs protrude through the Holes in the Ceiling Cover (Figure 19).

Secure the Ceiling Cover in place by sliding Lockwashers over the Threaded Studs and installing the Two Knurled Knobs (supplied) (Figure 19).

Tighten the Knurled Knobs securely until the Ceiling Cover fits snugly against the Ceiling and the Hole in the Ceiling Cover is clear of the Downrod.

NOTE: SUPPLY WIRES AND FAN WIRES OMITTED FOR CLARITY.



⚠ WARNING

To avoid possible fire or shock, make sure that the electrical wires are completely inside the outlet box and not pinched between the ceiling cover and the ceiling.

6. Final Assembly (continued)

6.3

Slide Blade through Center Slot in Fan Housing.

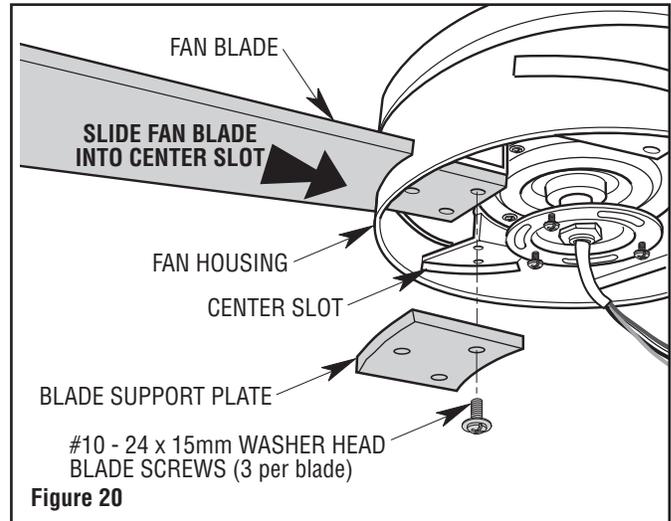
Position One Blade Support Plate onto Blade.

Mount Blade to Fan Housing using One Blade Support Plate and secure using Three #10 - 24 x 15mm Washer Head Blade Screws (supplied) (Figure 20).

NOTE: Take care not to scratch fan housing when installing blades.

WARNING

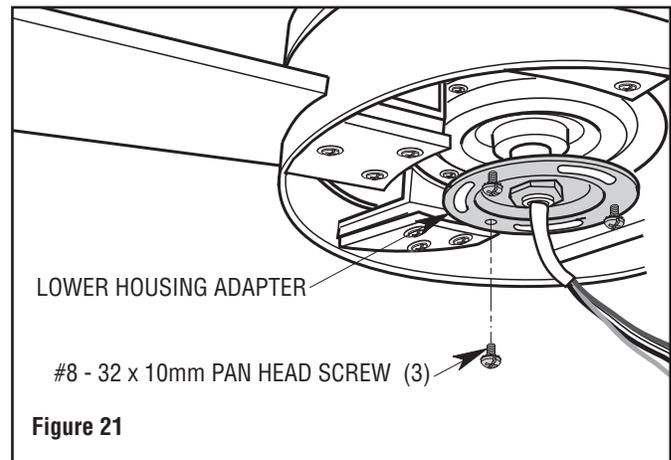
To reduce the risk of personal injury, do not bend the blades during installation, balancing the blades or cleaning the fan. Do not insert foreign objects in between rotating fan blades.



6.4

Remove One #8 - 32 x 10mm Pan Head Screw from the Lower Housing Adapter (retain for later use).

Loosen the other Two Screws to assemble the Lower Housing to the Lower Housing Adapter (Figure 21).



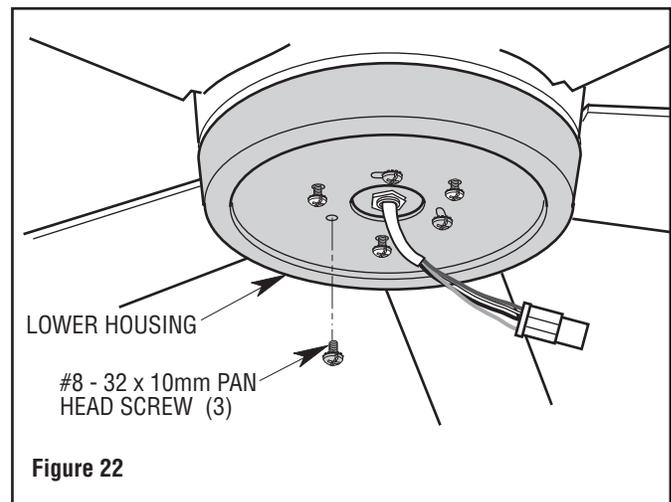
6.5

Position the Lower Housing onto the Fan Motor Assembly, aligning each of the the Three Holes.

Rotate the Lower Housing to engage the Two Loosened Screws in the Two Key Hole Slots.

Replace the previously removed #8 - 32 x 10mm Pan Head Screw and tighten all Three Screws to secure the Lower Housing to the Lower Housing Adapter (Figure 22).

NOTE: Make sure wires are not pinched between fan motor assembly and lower housing.



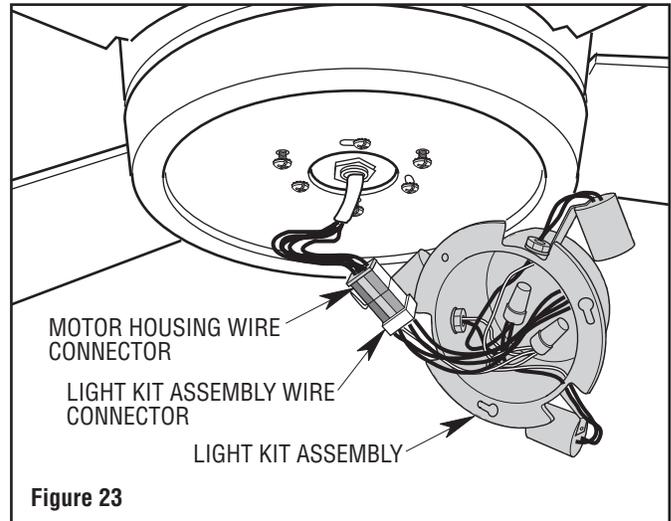
6. Final Assembly (continued)

6.6

Engage the Light Kit Assembly Connector to the Motor Connector (Figure 23).

The Two Connectors are Keyed and Color-Coded and must be mated correctly (color-to-color) before they can be engaged. Make sure the Connector Latch closes properly.

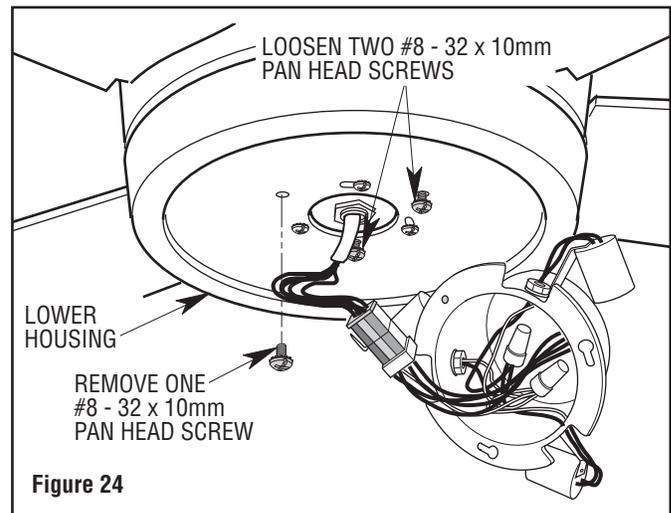
NOTE: Make sure all wires and connector are tucked under the light kit assembly and not pinched between light kit assembly and lower housing.



6.7

Remove One #8 - 32 x 10mm Pan Head Screw from the Lower Housing (retain for later use).

Loosen the other Two Screws to assemble the Light Kit Assembly to the Lower Housing (Figure 24).

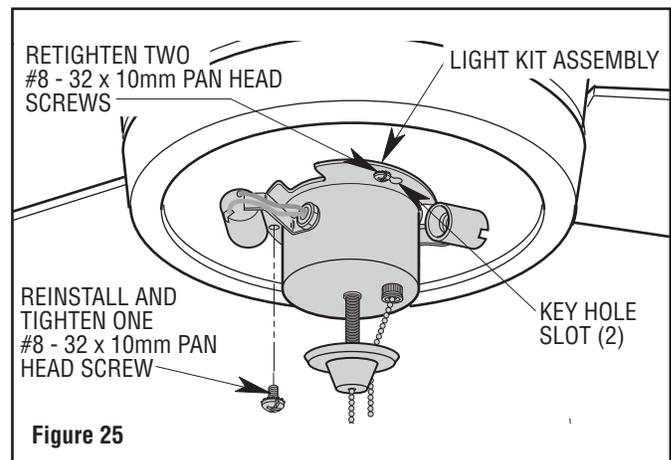


6.8

Position the Light Kit Assembly onto the Lower Housing, aligning each of the the Three Holes.

Rotate the Light Kit Assembly to engage the Two Loosened Screws in the Two Key Hole Slots.

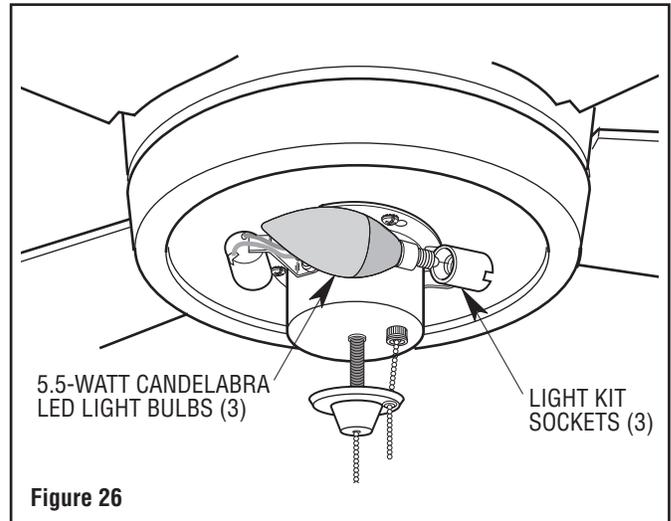
Replace the previously removed #8 - 32 x 10mm Pan Head Screw and tighten all Three Screws to secure the Light Kit Assembly to the Lower Housing (Figure 25).



6. Final Assembly (continued)

6.9

Screw Three 5.5-Watt Candelabra LED Light Bulbs (supplied) into the Light Kit Assembly Sockets (Figure 26).



6.10

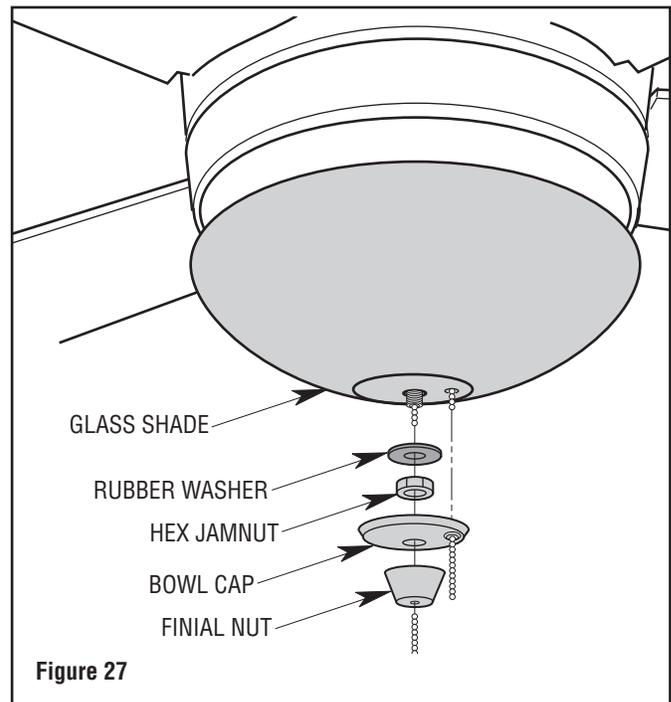
Unscrew the Finial Nut, Bowl Cap, Hex Jamnut and Rubber Washer from the Light Kit Threaded Nipple (Figure 27).

Position the Glass Shade over the Threaded Nipple in the Light Kit Plate Assembly.

Reinstall the Rubber Washer, Hex Jamnut, Bowl Cap and Finial Nut onto the Threaded Nipple (Figure 27).

NOTE: Periodically check that the glass bowl is seated correctly in the light kit assembly and the hex jamnut and finial nut are tightly fastened.

Restore Electrical Power to the branch circuit at the fuse box or breaker panel.



6. Final Assembly (continued)

6.11

Check the operation of the Fan by gently pulling on the Pull Chain Switch (off-center pull chain).

Cut the 3-speed switch pull chain to a desired length (optional).

Connect the Small Wood Pendant (supplied) to the 3-speed switch center Pull Chain by sliding the Wood Pendant (small hole first) onto the Pull Chain (Figure 28). Attach the Chain Coupler to the end of the Chain and allow the Wood Pendant to fall down over the Coupler.

Connect the Large Wood Pendant (supplied) to the off-center Pull Chain (fan light) by sliding the Wood Pendant (small hole first) onto the Pull Chain (Figure 28). Attach the Chain Coupler to the end of the Chain and allow the Wood Pendant to fall down over the Coupler.

Assembly of the Ceiling Fan is now complete.

Your fan model is equipped with a 4-position, 3-speed pull chain switch (Figure 28). The operating sequence is as follows:

Three-Speed

1st Pull — HIGH	3rd Pull — LOW
2nd Pull — MEDIUM	4th Pull — OFF

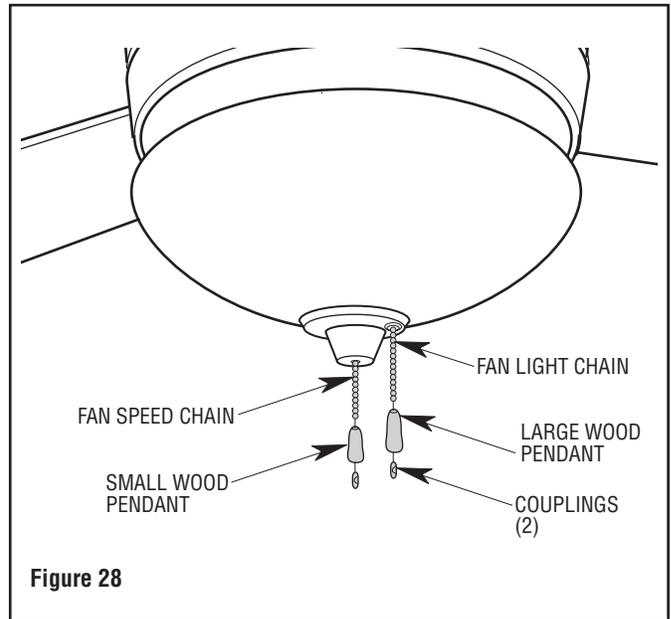


Figure 28

6.12

Restore Electrical Power to the Outlet Box by turning the Electricity on at the Main Fuse Box.

During Summer Months, run the Fan Counter-Clockwise, as you look up at it, to direct airflow downward.

During the Winter Months, run the Fan Clockwise, as you look up at it, to direct airflow upward.

If airflow is desired in the opposite direction, turn the Ceiling Fan off and wait for the Blades to stop turning.

Slide the Reverse Switch (located on the top of the Switch Housing Assembly) to the opposite position, and turn the Ceiling Fan on again (Figure 29).

The Fan Blades will turn in the opposite direction and reverse the airflow.

Reverse Switch Information

Season	Rotation Direction
Summer	Counter-Clockwise
Winter	Clockwise

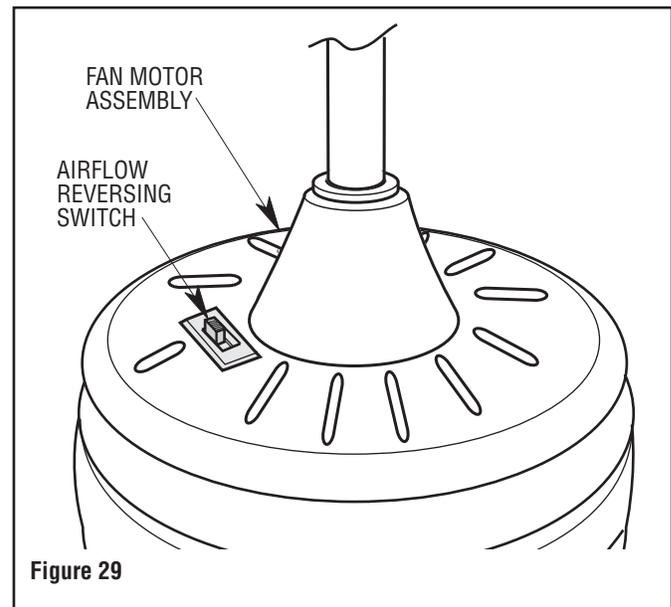


Figure 29

7. Maintenance

IMPORTANT CARE INSTRUCTIONS for your Ceiling Fan

Periodic cleaning of your new ceiling fan is the only maintenance that is needed.

When cleaning, use only a soft brush or lint free cloth to avoid scratching the finish.

Abrasive cleaning agents are not required and should be avoided to prevent damage to finish.

WARNING

Do not use water when cleaning your ceiling fan. It could damage the motor or the blades and create the possibility of an electrical shock.

8. Accessories

See your local Emerson dealer, www.emersonfans.com or the Emerson Ceiling Fan catalog for these accessories:

- Ceiling Fan Wall Controls
- Downrod Extension Kits

WARNING

The use of any other control not specifically approved for this fan could result in fire, shock and personal injury.

WARNING

This product is designed to use only those parts supplied with this product and/or any accessories designated specifically for use with this product by Emerson Electric Co. Substitution of parts or accessories not designated for use with this product by Emerson Electric Co. could result in personal injury or property damage.

9. Energy Efficient Use of Ceiling Fans

Ceiling fan performance and energy savings rely heavily on the proper installation and use of the ceiling fan. Here are a few tips to ensure quality and product performance.

Choosing the Appropriate Mounting Location.

Ceiling fans should be installed, or mounted, in the middle of the room and at least 7 feet above the floor and 18 inches from the walls. If ceiling height allows, install the fan 8 - 9 feet above the floor for optimal airflow. Consult your Emerson Retailer for optional mounting accessories.

Using the Ceiling Fan Year Round. In the summer, use the ceiling fan in the counter-clockwise direction. The airflow produced by the ceiling fan creates a wind-chill effect, making you “feel” cooler. Select a fan speed that provides a comfortable breeze, lower speeds consume less energy. In the winter, reverse the motor and operate the ceiling fan at low speed in the clockwise direction. This produces a gentle updraft, which forces warm air near the ceiling down into the occupied space. Remember to adjust your thermostat when using your ceiling fan - additional energy and dollar savings could be realized with this simple step!

Turn Off When Not in the Room. Ceiling fans cool people, not rooms. If the room is unoccupied, turn off the ceiling fan to save energy.

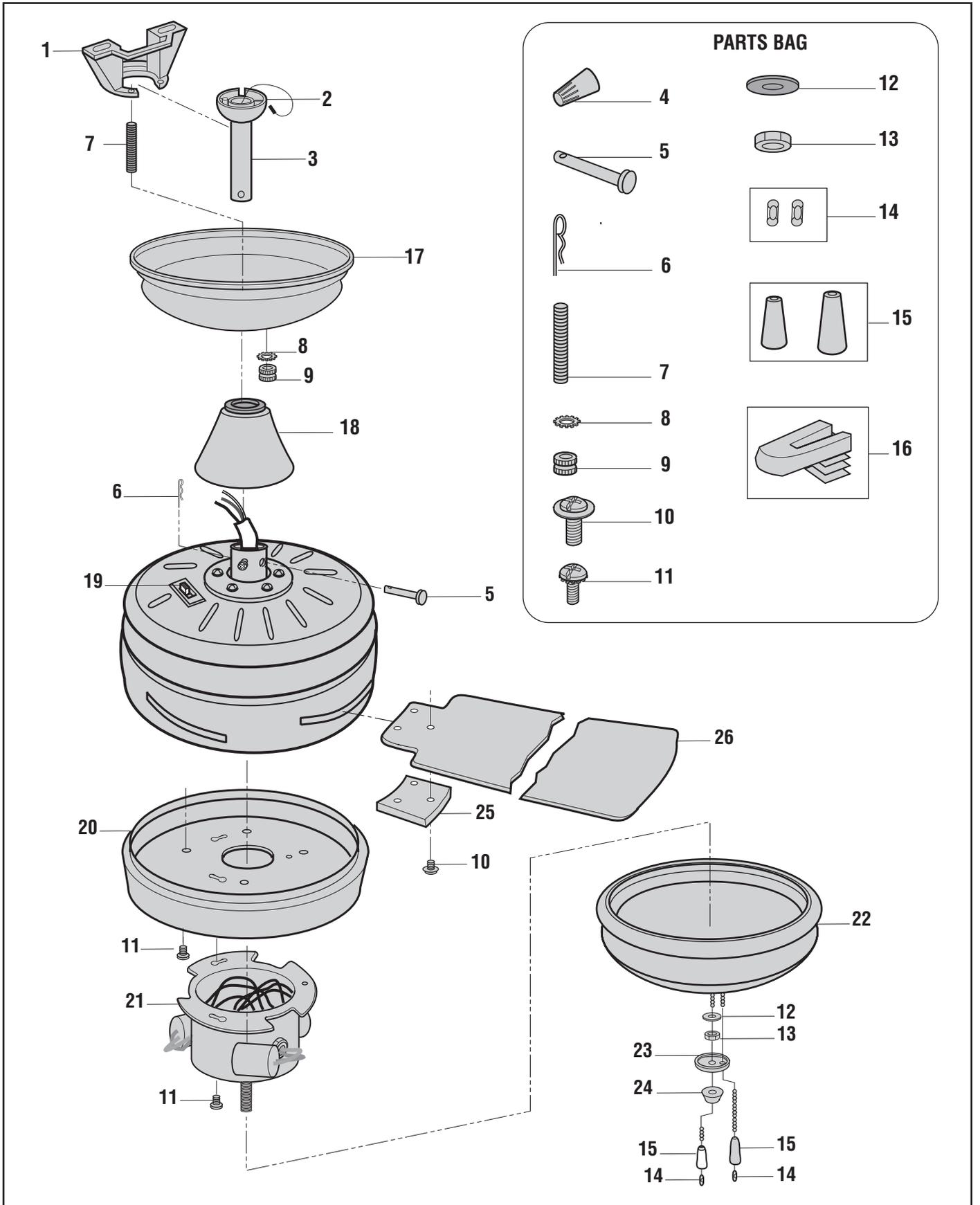
10. Troubleshooting

WARNING

FOR YOUR OWN SAFETY TURN OFF POWER AT FUSE BOX OR CIRCUIT BREAKER BEFORE TROUBLESHOOTING YOUR FAN.

TROUBLE	PROBABLE CAUSE	SUGGESTED REMEDY
1. Fan will not start.	<ol style="list-style-type: none"> 1. Fuse or circuit breaker blown. 2. Loose power line connections to the fan, or loose switch wire connections in the switch housing. 3. Reverse switch in neutral position. 	<ol style="list-style-type: none"> 1. Check main and branch circuit fuses or circuit breakers. 2. Check line wire connections to fan and switch wire connections in the switch housing. <div style="border: 1px solid black; padding: 5px; text-align: center;"> <p> WARNING</p> <p>Make sure main power is turned OFF.</p> </div> <ol style="list-style-type: none"> 3. Make sure reverse switch position is all the way to one side.
2. Fan sounds noisy.	<ol style="list-style-type: none"> 1. Blades not attached to fan. 2. Loose screws in motor housing. 3. Screws securing the flanges to motor hub are loose. 4. Wire connectors inside switch housing rattling. 5. Screws holding blades to flanges are loose. 	<ol style="list-style-type: none"> 1. Attach blades to fan before operating. 2. Check to make sure all screws in motor housing are snug (not over-tight). 3. Check to make sure the screws which attach the flanges to the motor hub are tight. 4. Check to make sure wire connectors in switch housing are not rattling against each other or against the interior wall of the switch housing. 5. Tighten screws securely. <div style="border: 1px solid black; padding: 5px; text-align: center;"> <p> WARNING</p> <p>Make sure main power is turned OFF.</p> </div>
3. Fan wobbles excessively.	<ol style="list-style-type: none"> 1. Set screw in motor coupler is loose. 2. Set screw in hanger ball / downrod assembly is loose. 3. Screws securing fan blade flanges to motor are loose. 4. Screws securing fan blades to motor hub are loose. 5. Hanger bracket and / or ceiling outlet box is not securely fastened. 6. Fan blades out of balance. 	<ol style="list-style-type: none"> 1. Tighten both set screws securely in the motor coupler. 2. Tighten the set screw in the hanger ball / downrod assembly. 3. Check to be sure screws which attach the fan blade flanges to the motor are tight. 4. Check to be sure screws which attach the fan blades to the motor are tight. If blades are seated incorrectly, loosen the blade screws and retighten according to the procedure in the section on "Ceiling Fan Assembly". 5. Tighten the hanger bracket screws to the outlet box, and / or secure outlet box. 6. Interchanging an adjacent (side-by-side) blade pair can redistribute the weight and result in smoother operation.

11. Repair Parts



11. Repair Parts Listing

Key No.	Description	Part Numbers		
		Model Number CF850GES01	Model Number CF850SW01	Model Number CF850VNB01
*	Hanger Pack Consisting of:	761655-35	761655-92	761655-89
1	Hanger Bracket Assembly (1)	—	—	—
2	Hanger Ball (1)	—	—	—
3	Downrod, 10" (1)	—	—	—
*	Parts Bag, Containing:	764183	764183-2	764183
4	Connector, Wire, 12 Ga. (3)	—	—	—
5	Pin, Clevis (1)	—	—	—
6	Clip, Hairpin (1)	—	—	—
7	Stud, Threaded #8-32 x 1-1/4" (2)	—	—	—
8	Lockwasher, External Tooth #8 (2)	—	—	—
9	Knob, Knurled #8-32 (2)	—	—	—
10	Screws, Washer Head Blade, #10 - 24 x 15mm (16)	—	—	—
11	Screw, Pan Head, #8 - 32 x 10mm (1)	—	—	—
12	Rubber Washer (1)	—	—	—
13	Hex Jam Nut (1)	—	—	—
14	Pull Chain Coupler (2)	—	—	—
15	Wood Pendants (Large & Small) (2)	—	—	—
16	Kit, Balancing (1)	—	—	—
17	Ceiling Cover (1)	764167-GES	764167-SW	764167-VNB
18	Motor Coupler Cover (1)	764100-GES	764100-SW	764100-VNB
19	Wiring Harness (1)	765098	765098	765098
20	Lower Housing Assembly (1)	764176-GES	764176-SW	764176-VNB
21	Light Kit Assembly (1) (Includes Switch Harness Assembly)	765099	765099	765099
22	Light Kit Glass (1)	764180-GES	764180-SW	764180-VNB
23	Bowl Cap (1)	764181-GES	764181-SW	764181-VNB
24	Finial Nut (1)	764182-GES	764182-SW	764182-VNB
25	Blade Support Plates (set of 5)	764174-GES	764174-SW	764174-VNB
26	Blades (set of 5)	764172-GES	764172-SW	764172-VNB
—	Owner's Manual	BP7443-1	BP7443-1	BP7443-1

Before discarding packaging material, be certain all parts have been removed.

HOW TO ORDER REPAIR PARTS

WHEN ORDERING REPAIR PARTS, ALWAYS GIVE THE FOLLOWING INFORMATION:

- PART NUMBER
- NAME OF ITEM
- PART DESCRIPTION
- MODEL NUMBER

The model number of your Fan will be found on a label attached to the top housing.

For repair parts, phone 1-800-654-3545.

Notes

Emerson Ceiling Fan Product Limited Warranty

What The Limited Warranty Covers:

This limited warranty is offered by Air Comfort Products, a division of Emerson Electric Co. ("Emerson" or "our" or "we" or "us") to the original purchaser ("you" or "your") of a consumer or industrial Emerson ceiling fan product including its motor and the other components, and accessories of a consumer or industrial Emerson ceiling fan product sold separately ("Emerson Ceiling Fan Product(s)") against defects in workmanship and materials, subject to the exclusions described below.

What The Limited Warranty Period Of Coverage Is:

All limited warranty periods herein begin on the date of original Emerson Ceiling Fan Product purchased by You.

This limited warranty covers the Emerson consumer Ceiling Fan Product motor for the lifetime of the original purchaser's ownership when operated in accordance with Your Emerson Ceiling Fan Product Owner's Manual or other instructions provided by Emerson to You with the Emerson consumer Ceiling Fan Product.

This limited warranty covers the Emerson industrial Ceiling Fan Product motor for five years from the date of purchase of Your Emerson industrial Ceiling Fan Product (when operated in accordance with Your Emerson Ceiling Fan Product Owner's Manual or other instructions provided by Emerson to You with the Emerson industrial Ceiling Fan Product).

This limited warranty covers the Emerson Ceiling Fan Product LED drivers and LED arrays component or accessory LED drivers and LED arrays for a period of five (5) years. All other components of the Emerson Ceiling Fan Product certified as ENERGY STAR® including motor electronics are covered by this limited warranty for a period of three (3) years. All other components and accessories of the Emerson Ceiling Fan Product including motor electronics are covered by this limited warranty for a period of one (1) year.

No Other Express or Implied Warranty Applies:

THE LIMITED WARRANTIES PROVIDED ABOVE ARE THE SOLE AND EXCLUSIVE WARRANTIES PROVIDED BY EMERSON TO YOU FOR YOUR Emerson Ceiling Fan Product, AND ARE IN LIEU OF ALL OTHER WARRANTIES, WRITTEN OR ORAL, EXPRESS OR IMPLIED, WHETHER ARISING BY OPERATION OF LAW OR OTHERWISE, WHETHER OR NOT THE PURPOSE HAS BEEN DISCLOSED AND WHETHER OR NOT THE Emerson Ceiling Fan Product HAS BEEN SPECIFICALLY DESIGNED OR MANUFACTURED FOR YOUR USE OR PURPOSE. EMERSON HEREBY DISCLAIMS ANY AND ALL IMPLIED WARRANTIES, INCLUDING WITHOUT LIMITATION, IMPLIED WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE.

How You Can Receive Warranty Service:

You must be the original purchaser and have proof of Your purchase of Emerson Ceiling Fan Product from an authorized Emerson Air Comfort Products Dealer to obtain Your remedy under this limited warranty. You can return Your Emerson Ceiling Fan Product to an authorized Emerson Air Comfort Products Dealer, or You can call Emerson Customer Service at 1-800-237-6511 to obtain a return authorization and service identification tag. In order for Us to confirm that Your Emerson Ceiling Fan Product is still under warranty, please retain Your receipt or other proof of purchase and have that information readily available when returning Your Emerson Ceiling Fan Product to Your place of purchase, or upon calling Emerson Customer Service. If You call Emerson Customer Service, prior to Your call please be prepared to provide all model numbers shown on Your Emerson Ceiling Fan Product. Once We have processed your return authorization request, We will provide You with a postage paid return label which should be affixed to the Emerson Ceiling Fan Product package You ship. The return label will be sent to the mailing address You provide to Us by phone.

What We Will Do To Correct Problems:

If the defect is covered by this limited warranty, Emerson will repair or replace the applicable Emerson Ceiling Fan Product at no charge to You. If repair of the Emerson Ceiling Fan Product is not practical or possible within a reasonable time and no replacement Emerson Ceiling Fan Product can be provided, Emerson will refund You the actual purchase price of Your Emerson Ceiling Fan Product. We will ship the repaired or the replacement Emerson Ceiling Fan Product to You at no charge, but You are responsible for all costs of removal and reinstallation of Your Emerson Ceiling Fan Product.

What Is Not Covered under the Limited Warranty:

This limited warranty does not extend to and expressly excludes:

- The glass globes and light bulbs of Your Emerson Ceiling Fan Product,
- Any costs or fees associated with the labor, including electrician's fees, required to install, remove, repair or replace a fan or any fan components or accessories.
- Loss or damage to the Emerson Ceiling Fan Product motor or any Emerson Ceiling Fan Product component or Emerson Ceiling Fan Product accessory caused by normal wear and tear, rather than due to defects in materials or workmanship,
- Loss or damage resulting from conditions beyond our reasonable control, including without limitation, unforeseeable operating environmental conditions, repairs not made at Our factory or authorized service center, use of parts or accessories not provided to You as part of this warranty by Our factory or authorized service center, mishandling, unreasonable use, misuse, abuse, modifications or other damage caused by You or a third party to your Emerson Ceiling Fan Product while not in Our possession,
- Loss or damage resulting from improper installation, or other failure to comply with instructions in Your Owner's Manual including but not limited to Emerson Ceiling Fan Products installed in unintended industrial or residential applications.
- Emerson Ceiling Fan Product purchases from unauthorized Emerson Air Comfort Products Dealers.

This limited warranty is deemed null and void upon the occurrence of either of the following events:

- You as the original purchaser cease to own the Emerson Ceiling Fan Product, or
- The Emerson Ceiling Fan Product is moved from its original point of installation.

This limited warranty is only valid within the 50 United States, the District of Columbia, and Canada. No other written or oral warranties apply, and no employee, agent, dealer or other person is authorized to give any warranties on behalf of Us.

Limitation of Liability:

REPAIR, REPLACEMENT OR A REFUND ARE THE EXCLUSIVE REMEDIES AVAILABLE TO YOU UNDER THIS LIMITED WARRANTY. TO THE EXTENT PERMITTED BY LAW, IN NO EVENT SHALL EMERSON OR ANY EMERSON AUTHORIZED DEALER BE LIABLE FOR ANY INCIDENTAL, SPECIAL, INDIRECT, OR CONSEQUENTIAL DAMAGES, INCLUDING ANY ECONOMIC LOSS, WHETHER RESULTING FROM NONPERFORMANCE, USE, MISUSE OR INABILITY TO USE THE Emerson Ceiling Fan Product OR FOR THE NEGLIGENCE OF EMERSON OR AN EMERSON AUTHORIZED DEALER. EMERSON SHALL NOT BE LIABLE FOR DAMAGES CAUSED BY DELAY IN PERFORMANCE AND IN NO EVENT, REGARDLESS OF THE FORM OF THE CLAIM OR CAUSE OF ACTION (WHETHER BASED IN CONTRACT, INFRINGEMENT, NEGLIGENCE, STRICT LIABILITY, OTHER TORT OR OTHERWISE), SHALL EMERSON'S OR ANY EMERSON AUTHORIZED AGENT'S LIABILITY TO YOU OR ANY INDIVIDUAL USING THE Emerson Ceiling Fan Product EXCEED THE PRICE PAID BY THE ORIGINAL OWNER FOR THE Emerson Ceiling Fan Product. The term "consequential damages" shall include, but not be limited to, loss of anticipated profits, business interruption, loss of use or revenue, cost of capital or loss or damage to property or equipment.

Dispute Resolution:

In the event of any dispute INCLUDING, BUT NOT LIMITED TO, BREACH OF CONTRACT, BREACH OF WARRANTY, CLAIMS BASED IN TORT, NEGLIGENCE, PRODUCT LIABILITY, FRAUD, MARKETING, STATE OR FEDERAL REGULATIONS, ANY CLAIMS REGARDING THE ENFORCEABILITY OF THIS LIMITED WARRANTY, AND THE WAIVER OF CLASS ACTION TRIALS between You and Emerson, either party may choose to resolve the dispute by binding arbitration, as described below, instead of in court. THIS MEANS IF EITHER YOU OR EMERSON CHOOSE BINDING ARBITRATION, NEITHER PARTY SHALL HAVE THE RIGHT TO LITIGATE SUCH CLAIM IN COURT OR HAVE A JURY TRIAL. DISCOVERY AND APPEAL RIGHTS ARE LIMITED IN BINDING ARBITRATION. You and Emerson agree that the proper venue if Arbitration is not so chosen by You or Emerson of all actions arising in connection herewith shall be only in the state of Missouri and the parties agree to such jurisdiction.

CLASS ACTION WAIVER: BINDING ARBITRATION MUST BE ON AN INDIVIDUAL BASIS. THIS MEANS NEITHER YOU NOR EMERSON MAY JOIN OR CONSOLIDATE CLAIMS IN ARBITRATION BY OR AGAINST OTHERS, OR LITIGATE IN COURT OR ARBITRATE ANY CLAIMS AS A REPRESENTATIVE OR MEMBER OF A CLASS OR IN A PRIVATE ATTORNEY GENERAL CAPACITY.

ADMINISTRATION OF ARBITRATION: The binding arbitration must be administered by the American Arbitration Association ("AAA") in accordance with its Commercial Arbitration Rules and/or Supplementary Procedures for Consumer-Related Disputes (including proceedings to mitigate costs of travel). This binding arbitration is governed by the Federal Arbitration Act ("FAA") (9 USC §1, et. seq.) and will govern the interpretation and enforcement. The binding arbitration shall be held at a location determined by AAA or at such other location as mutually agreed. In addition to the terms stated above, the following will apply to the binding arbitration: (1) the arbitrator, and not any federal, state, or local court or agency, will have exclusive authority to resolve any dispute relating to the interpretation applicability, enforceability or formation of this agreement including any claim that all or any part of this agreement is void or voidable; (2) the arbitrator shall apply Missouri law consistent with the FAA.

How State and Provincial Law Relates To The Warranty:

Some states and provinces do not allow the exclusion or limitation of incidental or consequential damages so the above exclusion or limitation may not apply to You. This limited warranty gives you specific legal rights, and You may also have other rights which vary from state to state or province to province.

emersonfans.com

Please contact 1-800-654-3545 for further assistance

U.L. Model No.: CF850

SERIAL NUMBER: _____ **DATE CODE:** _____

The serial number of this fan can be found on the nameplate on top of the fan housing. The date code can be found on the carton and on top of the fan housing, stamped in ink on a white label. You should record this data above and keep it in a safe place for future use.



EMERSON™

Air Comfort Products

DIVISION OF EMERSON ELECTRIC CO.
8100 W. Florissant • St. Louis, MO 63136

Questions, problems, missing parts: Before returning to the store call
Emerson Electric Customer Service
8 a.m. - 6 p.m., Eastern, Monday-Friday

1-800-654-3545

www.emersonfans.com

Retain this manual for future use.