READ AND SAVE THESE INSTRUCTIONS
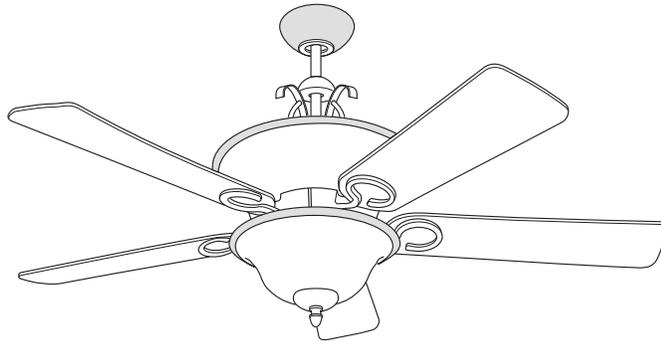
EMERSON™

RUSTICO™
Ceiling Fan
Owner's Manual

Model Number

CF160RTI00

Rustic Iron with
Washed Oak/Honey Maple Blades

Net Weight: 30.6 Lbs.

Part No. F40BP73580001

Form No. BP7358-1
U.L. Model No.: CF160

⚠ WARNING

WARNING: To avoid fire, shock, and serious personal injury, follow these instructions.

Safety Instructions

1. **Read your owner's manual carefully and keep it for future reference.**

2. **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.**

3. **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.**

4. **Do not put anything into the fan blades while they are turning.**

5. **Do not operate reversing switch until fan blades have come to a complete stop.**

Additional Safety Instructions for Installation

1. **To avoid possible shock, be sure electricity is turned off at the fuse box before wiring, and do not operate fan without blades.**

2. **The installation is to be in accordance with the National Electrical Code, "ANSI/NFPA 70-1999" 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.**

3. **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", 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.**

4. **The longer downrod furnished with the fan provides the minimum recommended floor to fan blade clearance for a 9 foot ceiling. The shorter downrod must be used for an 8 foot ceiling.**

5. **The fan must be mounted with the fan blades at least 7 feet from the floor to prevent accidental contact with the fan blades.**

6. **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 fan is suitable for use with solid-state speed controls.

WARNING: To reduce the risk of fire or electric shock, this fan should only be used with fan speed control Model No. UC7067RC, manufactured by Rhine Electric Co., Ltd.

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.

WARNING: 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.

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

DATE CODE:

The date code of this fan may be found on the box, stamped in ink on a white label. You should record this data above and keep it in a safe place for future use.

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 wire stripper
One stepladder
Six wire connectors (supplied)
Three 60-watt (max.) candelabra base bulbs
Three 40-watt (max.) cnadelabra
base round bulbs

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 the following sizes:

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

Unpacking Instructions

For your convenience, check-off boxes are provided next to each step. As each step is completed, place a check mark in the box. This will insure that all steps have been completed and will be helpful in finding your place should you be interrupted.

⚠ WARNING

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

## 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.** Open styrofoam unit containing fan. Remove top half of styrofoam unit. Remove parts and check to see that you have received the following parts:

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

a. Fan motor housing assembly
b. One upper glass
c. One ceiling cover
d. One decorative cover
e. Five fan blades
f. Five blade flanges
g. One hanger bracket
h. One hanger ball/downrod assembly
i. One 3-1/2" downrod
j. One decorative cap
k. One finial nut
l. One lower glass
m. One decorative scroll assembly
n. One light fitter adapter
o. One light fitter assembly
p. One remote control transmitter
q. One remote control receiver
r. One loose parts bag, containing:
   1. Two 1-1/4" threaded studs
   2. Two knurled knobs
   3. Two lockwashers
   4. Seven wire connectors
   5. One hairpin clip
   6. One clevis pin
   7. Eleven 1/4-20 x 11mm pan head screws with lockwashers
   8. Sixteen 10-24 x 9mm truss head screws
   9. Sixteen fiber washers
  10. Four 8-32 x 12mm pan head screws
  11. Three 8-32 x 15mm pan head screws
  12. Three #8 flat washers
  13. Three #8 rubber washers
  14. One nut 1/8 - 27NPS
  15. One lockwasher 1/8 - 27NPS

NOTE: Place the parts from the loose parts bags in a small container to keep them from being lost. If any parts are missing, contact your local retailer or catalog outlet for replacement before proceeding.

U.L. Model No.: CF160
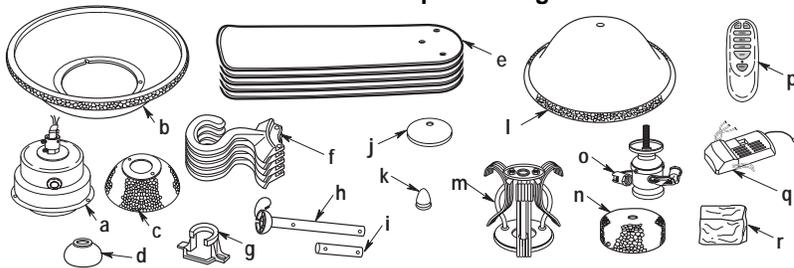
General

Your Emerson ceiling fan comes equipped with a remote control transmitter and a remote control receiver. This remote control systems is designed to control your ceiling fan speed, airflow direction, and light intensity.

NOTE: An optional SW115 Wall Control (not supplied) may also be used with the remote control receiver supplied with your ceiling fan.

IMPORTANT

This Owner's Manual is divided into two sections. The first section, REMOTE CONTROL PROCEDURES, describes how to install the four alkaline batteries (not supplied) in the remote control transmitter, and how to set the operating frequency of the transmitter and receiver. These instructions must be performed prior to the installation of the ceiling fan as described in the second section, CEILING FAN PROCEDURES.

REMOTE CONTROL PROCEDURES

General

The remote control system is designed to separately control your ceiling fan and light intensity. There are four push buttons on the transmitter (HIGH, MED, LOW, OFF) to set the fan speed and turn the fan off. The REV push button changes the airflow direction of the fan blades. The UP (uplight) and DN (downlight) push buttons turn the lights on and off and controls the light intensities. The red indicator light will illuminate while any button is pressed, indicating that the battery is good.

Preset Memory Feature

Your remote control receiver is equipped with a preset memory feature. The receiver will remember the light intensity and fan speed when the light and fan are turned off from the wall switch. When the wall switch is turned back on, the lights and fan will resume operation as they were prior to the switch being turned off.

Installation of Battery

☐ **1.** Remove the battery cover and install four AAA alkaline batteries (not supplied), oriented as shown in the diagram in the battery compartment. (Figure 1).
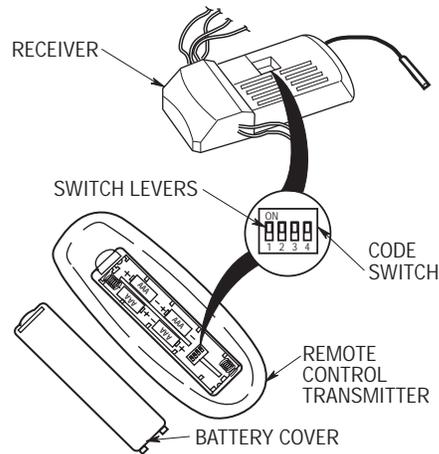

RECEIVER

SWITCH LEVERS

CODE SWITCH

REMOTE CONTROL TRANSMITTER

BATTERY COVER

Figure 1

Setting Operating Frequency of Transmitter and Receiver

Your remote control transmitter and receiver have code switches which must be set on one of 16 possible code combinations. The four levers (numbered 1, 2, 3, and 4) on the switches are factory-set in the ON (up) position. Do not use this setting. Change the switch settings as follows:

☐ **1.** On the remote control transmitter, locate the code switch just above the battery compartment (Figure 1).

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☐ **2.** Slide the four switch levers on the code switch to your choice of ON (up) or down positions. Use a ball-point pen or small screwdriver and slide the levers firmly up or down.

☐ **3.** In the receiver (Figure 1), slide the four switch levers to the same positions as set in the transmitter. Make sure the levers on both switches are in the same positions, otherwise the fan will not operate.

☐ **4.** Position the battery in the transmitter battery compartment and replace the battery cover.

CEILING FAN PROCEDURES

Electrical Requirements

Your new ceiling fan will require a grounded electrical supply line of 120 volts AC, 60 Hz, 15 amp circuit.

The outlet box must be securely anchored and capable of withstanding a load of at least 50 pounds.

⚠ WARNING

To reduce the risk of fire, electric shock, or personal injury, mount fan to outlet box marked "Acceptable for Fan Support", 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

To avoid possible 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.

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

Turning off wall switch is not sufficient. To avoid possible electrical shock, be sure electricity is turned off at the main fuse or circuit breaker 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.

How to Assemble Your Ceiling Fan

☐ **1.** Place the motor housing assembly on a flat surface with the top of the motor facing upwards. Place the upper glass over the motor housing assembly, aligning the slots in the upper glass with the mounting holes in the housing flange (Figure 2). Install three 8-32 x 15mm screws, flat washers, and rubber washers (supplied) to secure the assembly.

☐ **2.** Place the motor housing/upper glass assembly onto the lower foam pad with the bottom of the motor facing you. The lower pad serves as a holder for the fan during the first stages of assembly.
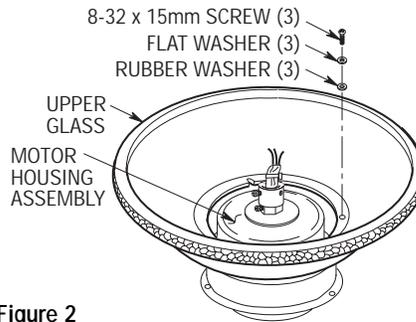

8-32 x 15mm SCREW (3)
FLAT WASHER (3)
RUBBER WASHER (3)
UPPER GLASS
MOTOR HOUSING ASSEMBLY

Figure 2

☐ **3.** Mount the fan blades to the blade flanges using three 10-24 x 9mm truss head screws and three fiber washers (supplied) (Figure 3).

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⚠ **WARNING**

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.
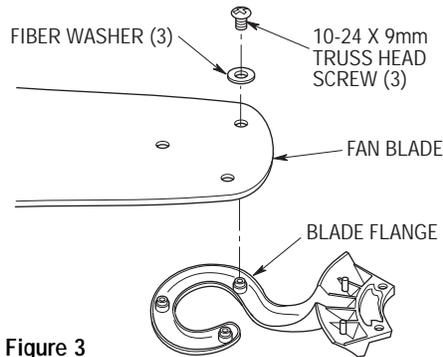

FIBER WASHER (3)

10-24 X 9mm TRUSS HEAD SCREW (3)

FAN BLADE

BLADE FLANGE

Figure 3

☐ **4.** Remove and discard the three shipping retainers securing the motor hub in the motor housing.

NOTE: Take care not to scratch the fan housing when installing the blade assemblies.

☐ **5.** Insert a 1/4-20 x 11mm pan head screw with lockwashers into each of the two recessed holes in one of the blade flanges.

☐ **6.** Align two of the threaded holes in the motor with the two cutouts in the adapter plate (Figure 4). Position the blade flange on the motor hub so that the screws in the blade flange align with the two threaded holes in the motor hub. Tighten the two screws securely. Repeat this procedure for the remaining four blade assemblies.
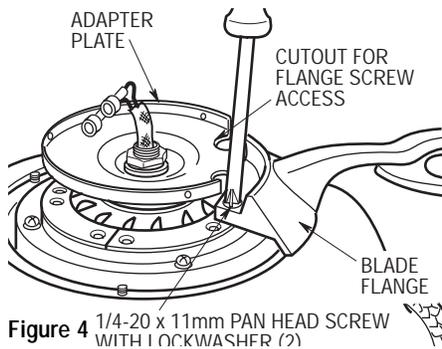

ADAPTER PLATE

CUTOUT FOR FLANGE SCREW ACCESS

BLADE FLANGE

Figure 4 1/4-20 x 11mm PAN HEAD SCREW WITH LOCKWASHER (2)

☐ **7.** Carefully remove the fan motor housing assembly from the lower foam pad. Turn the housing assembly over and position it on the lower foam pad with the fan blades resting on the pad so that the top of the motor faces up.

☐ **8.** Remove the hanger ball by loosening the setscrew in the hanger ball until the ball falls freely down the downrod (Figure 5). Remove the pin from the downrod, then remove the hanger ball. Retain the pin and hanger ball for reinstallation in step 12.
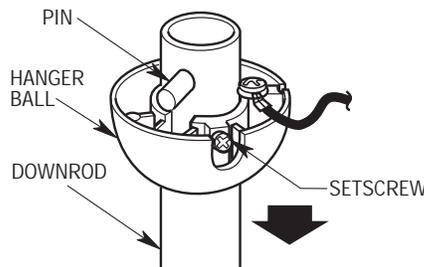

PIN

HANGER BALL

DOWNROD

SETSCREW

Figure 5

NOTE: If you have an eight-foot ceiling, you will have to use the 3-1/2" downrod (supplied) in order to maintain the necessary blade-to-floor clearance of seven feet.

☐ **9.** Unscrew the two upper setscrews (Figure 6) until they clear the inside of the motor coupling. Then separate, untwist and unkink the four 80" motor leads. Route the motor lead wires through the downrod. Align the clevis pin holes in the downrod with the holes in the motor coupling. Install the clevis pin and secure with the hairpin clip (Figure 6). The clevis pin must go through the holes in the motor coupling and the holes in the downrod. Be sure to push the straight leg of the hairpin clip through the hole near the end of the clevis pin until the curved portion of the hairpin clip snaps around the clevis pin. The hairpin clip must be properly installed to prevent the clevis pin from working loose. Pull up on the downrod to make sure the clevis pin is properly installed.

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Figure 6

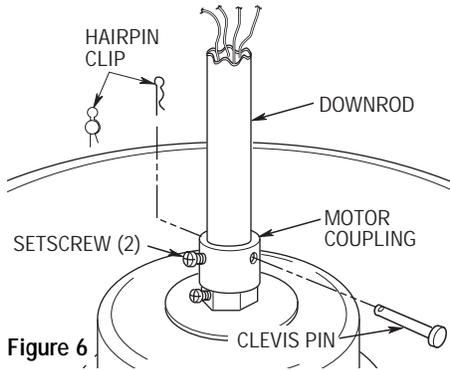☐ **10.** Tighten the setscrews (Figure 6) securely while pulling up on the downrod.

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

NOTE: If you installed the 3-1/2" downrod, the decorative scroll assembly and decorative cover will not be installed. Disregard the next step.

☐ **11.** Make sure the grommets are properly installed in the decorative scroll assembly and in the decorative cover. Slide the decorative scroll over the downrod until it rests on the motor housing. (Figure 7). Then slide the decorative cover over the downrod until it rests on the top of the decorative scroll.

☐ **12.** Place the ceiling cover over the downrod. Then reinstall the hanger ball (Figure 8) on the downrod as follows. Route the four 80" motor leads through the hanger ball and slide the hanger ball over the downrod. Position the pin through the two holes in the downrod and align the hanger 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 setscrew in the hanger ball. A loose setscrew could create fan wobble.
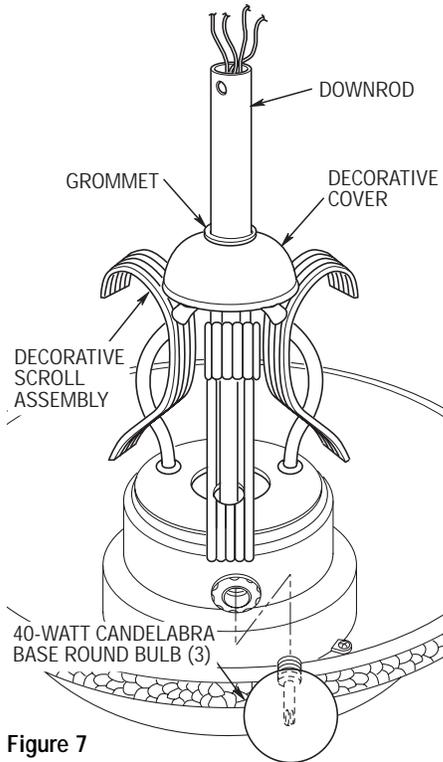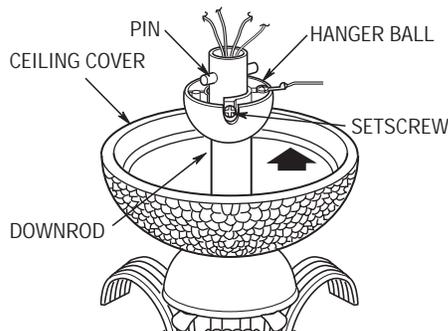
Figure 7

Figure 8

7

U.L. Model No.: CF160

☐ **13.** The fan comes with blue, orange, black and white leads that are 80" long. Before installing the fan, measure up approximately 6 to 9-inches above top of hanger ball/downrod assembly. Cut off excess leads and strip back insulation 1/2" from end of leads.

☐ **14.** Screw the three 40-watt (maximum) candelabra base round bulbs into the sockets in the motor housing (Figure 7).

☐ **15.** You have now completed the initial assembly of your new ceiling fan. You can now proceed with hanging and wiring your fan.

How to Hang Your Ceiling Fan

⚠ WARNING

The fan must be hung with at least 7' of clearance from floor to blades (Figure 9).
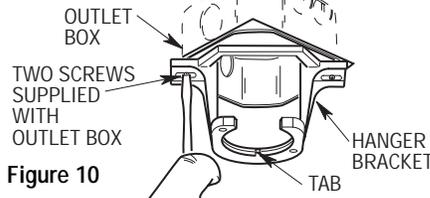

Figure 9
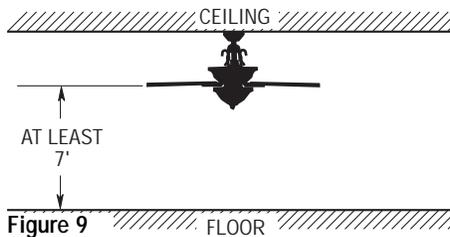
⚠ WARNING

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".

⚠ WARNING

To reduce the risk of fire, electric shock, or personal injury, mount fan to outlet box marked "Acceptable for Fan Support", 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.

☐ **1.** Securely attach the hanger bracket to the outlet box using the two screws supplied with the outlet box (Figure 10).

⚠ 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 10

☐ **2.** Carefully lift the fan and seat the hanger ball/downrod assembly on the hanger bracket that was just attached to the outlet box (Figure 11). Be sure the groove in the ball is lined up with the tab on the hanger bracket (Figure 10).

⚠ WARNING

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

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

Figure 11
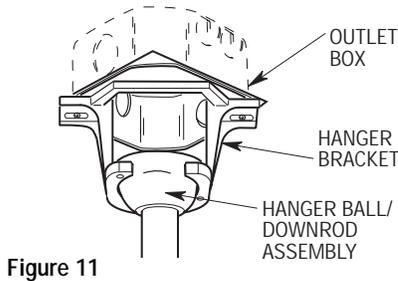
⚠ WARNING

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

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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

Turning off wall switch is not sufficient. To avoid possible electrical shock, be sure electricity is turned off at the main fuse or circuit breaker 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.

CAUTION: To reduce the risk of electrical shock, disconnect the electrical supply circuit before installing the fan, light kit or receiver.

☐ **1.** Position the supply wires to the left side of the outlet box (Figure 12); position the fan wires to the right side. Partially insert the remote control receiver (flat side up) until one end rests on the hanger ball as shown in Figure 12.

NOTE: Make all wiring connections using wire connectors (supplied). Make sure that all connections are tight, including ground, and that no bare wire is visible at the wire connectors, except for the ground wire.

☐ **2.** Refer to Figure 12 and 13 and connect the receiver wires to the supply wires and the fan motor wires as follows:

a. Securely connect the green grounding wires from the hanger ball and the hanger bracket to the supply grounding conductor (this may be a bare wire or a wire with green insulation).

b. Securely connect the supply white (neutral) wire to the receiver white (AC IN N) wire.

c. Securely connect the supply black wire (hot) wire to the receiver black (AC IN L) wire.

d. Securely connect the fan motor white wire to the receiver white (TO MOTOR N) wire.

e. Securely connect the fan motor black wire to the receiver black (TO MOTOR L) wire.

f. Securely connect the fan motor blue wire to the receiver blue (FOR BOTTOM LIGHT) wire.

g. Securely connect the fan motor orange wire to the receiver orange (FOR UPPER LIGHT) wire.

⚠ 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.

SUPPLY WHITE WIRE (NEUTRAL)
RECEIVER WHITE WIRE
RECEIVER BLACK WIRE
SUPPLY BLACK WIRE (HOT)
RECEIVER BLACK WIRE
RECEIVER BLUE WIRE
GROUND WIRE
AC IN N
AC IN L
TO MOTOR N
FOR BOTTOM LIGHT
TO MOTOR L
FOR UPPER LIGHT
GREEN GROUND WIRE FROM HANGER BALL
ANTENNA
RECEIVER ORANGE WIRE
GREEN GROUND WIRE FROM HANGER BRACKET
FAN BLACK WIRE
FAN ORANGE WIRE
1-1/4" THREADED STUD (2)
FAN BLUE WIRE
FAN WHITE WIRE
RECEIVER WHITE WIRE

Figure 12

U.L. Model No.: CF160

STANDARD ON-OFF WALL
SWITCH OR OPTIONAL SW115
WALL CONTROL
BLACK

BLACK
(HOT)

TO
120-
VOLT
SUPPLY

WHITE

GROUND

BLACK

WHITE

WHITE

TWO-CONDUCTOR
CABLE (WITH
GROUND)

BLACK

BLUE
BLACK
BLUE
WHITE
ORANGE

WHITE   ORANGE

GREEN WIRE (GROUND)
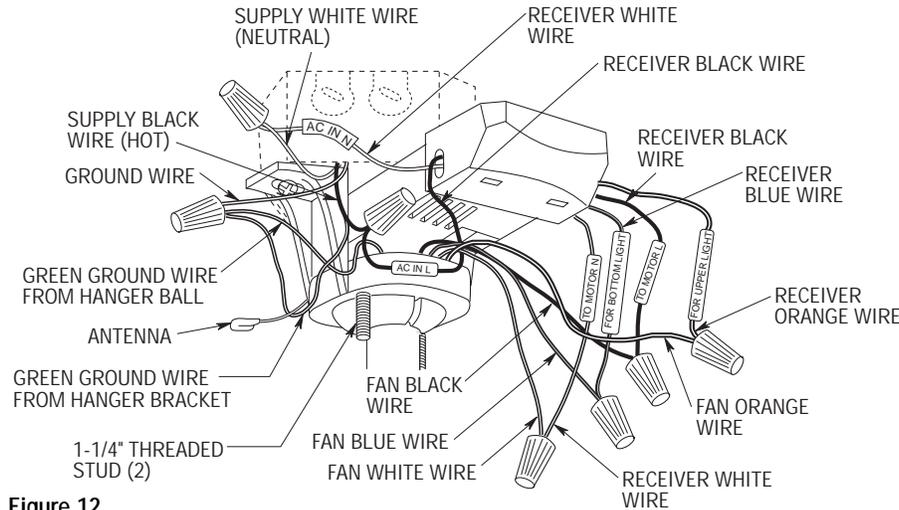FROM HANGER BALL AND
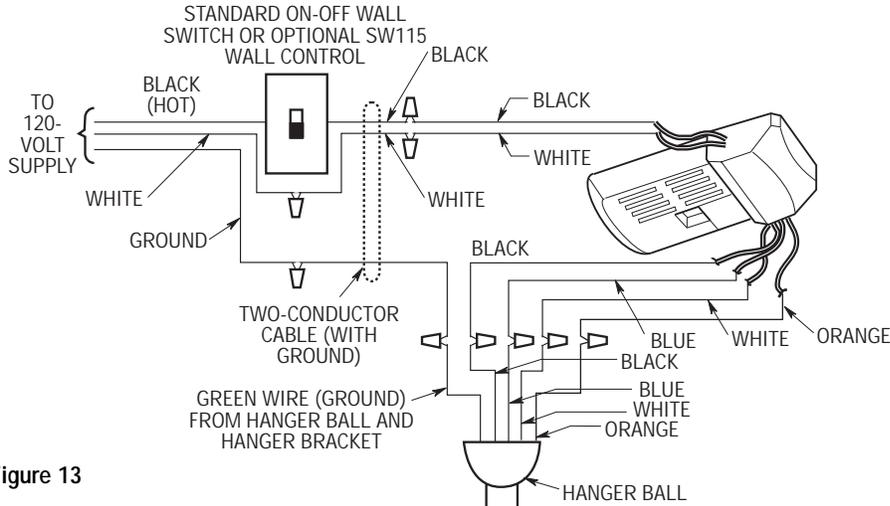HANGER BRACKET

HANGER BALL

Figure 13

☐ **3.** Push the wires and connectors up into the outlet box while inserting the receiver fully into the hanger bracket. Position the antenna wire on top of the receiver.

☐ **4.** Screw the two 1-1/4" threaded studs (supplied) into the tapped holes in the hanger bracket (Figure 12).

☐ **5.** Lift the ceiling cover up to the threaded studs and turn until the studs protrude through the holes in the ceiling cover (Figure 13).

☐ **6.** Secure the ceiling cover in place by sliding lockwashers (supplied) over the threaded studs and installing the two knurled knobs (supplied). (Figure 14). Tighten the knurled knobs securely until the ceiling cover fits snugly against the ceiling.

CEILING
COVER

LOCKWASHER
(2)

KNURLED
KNOB (2)

THREADED
STUD (2)

Figure 14

⚠ 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.

NOTE: If you wish to operate your ceiling fan with the downlight fixture attached, perform steps 7 and 8. Otherwise, skip to step 9.

☐ **7.** For Operating Your Fan With the Downlight Fixture. Remove the threaded plug from the light fitter adapter. Feed the black and white wires of the light fitter assembly through the hole in the adapter and screw the threaded nipple of the light fitter into the adapter hole (Figure 15). Install nut and lockwasher onto threaded nipple inside of adapter and securely tighten.
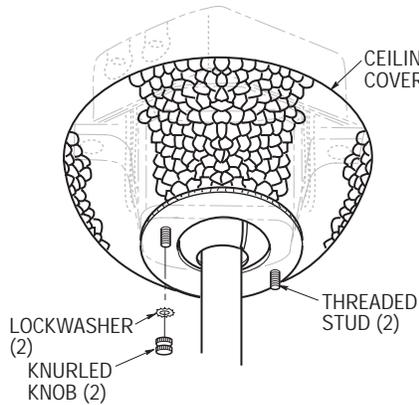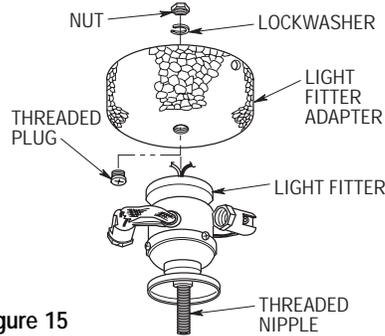
NUT   LOCKWASHER

LIGHT
FITTER
ADAPTER

THREADED
PLUG

LIGHT FITTER

THREADED
NIPPLE

Figure 15

10   U.L. Model No.: CF160

☐ **8.** Connect the white wire from the light fitter to the white wire from the motor (Figure 16). Connect the black wire from the light fitter to the black wire from the motor. Make sure connectors are fully engaged.
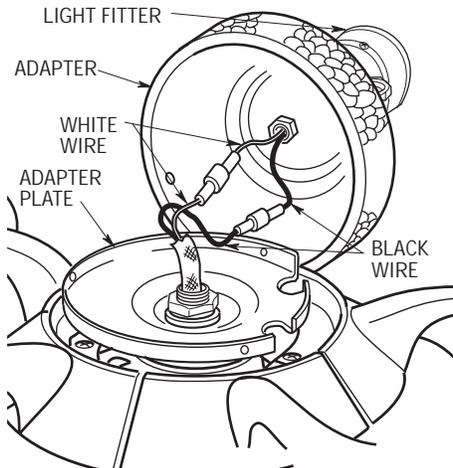
LIGHT FITTER

ADAPTER

WHITE WIRE

ADAPTER PLATE

BLACK WIRE

Figure 16

☐ **9.** Position the adapter/light fitter assembly over the adapter plate and secure using three 8-32 x 12mm pan head screws (Figure 17).

8-32 x 12mm PAN HEAD SCREW (3)

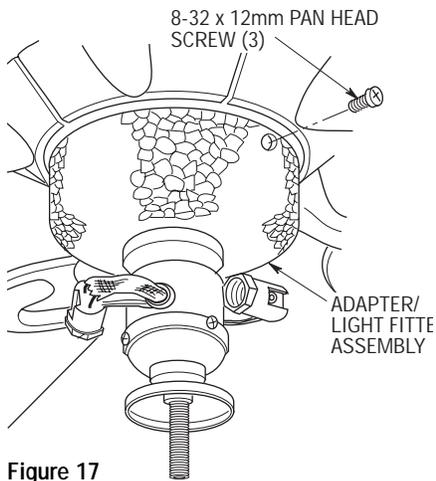ADAPTER/ LIGHT FITTE ASSEMBLY

Figure 17

☐ **10.** Screw in three 60-watt (maximum) candelabra base bulbs into the light fitter sockets (Figure 18). Remove and retain the nut and rubber washer from the light fitter threaded nipple. Place the lower glass over the threaded nipple and secure in place using the rubber washer and nut. Place the decorative cap over the threaded nipple, then screw on the finial nut and securely tighten.

60-WATTCANDELABRA BASE BULB (3)
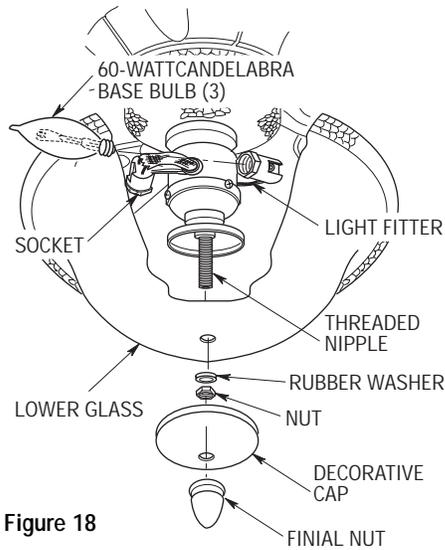
LIGHT FITTER

SOCKET

THREADED NIPPLE

RUBBER WASHER

LOWER GLASS

NUT

DECORATIVE CAP

Figure 18

FINIAL NUT

☐ **11.** Your ceiling fan is now installed and wired to be controlled by your remote control system.

U.L. Model No.: CF160

Operating Your Ceiling Fan

IMPORTANT

Fan installation must be completed, including the installation of the fan blades, before testing of the remote control.

Your remote control (Figure 19) has full control of your fan and light.

☐ **1.** Restore electrical power to the outlet box by turning the electricity on at the service panel.

☐ **2.** To set the desired fan speed, press the HIGH, MED, or LOW buttons to operate your fan on high, medium, or low speed.

☐ **3.** To turn your fan off, press the OFF button.

☐ **4.** To change the airflow direction of the fan blades, press the REV button. The direction the fan blades turn will change each time the REV button is pressed.

☐ **5.** To turn the downlight on, press and release the DN button. The light will turn on at the light intensity previously selected.

☐ **6.** To turn the uplight on, press and release the UP button. The light will turn on at the light intensity previously selected.

☐ **7.** To vary the intensity of the light, hold the DN or UP button down until the desired light intensity is reached, then release the button.

Red light should turn on when any button is pressed. If the light does not come on, replace the battery.

Installation of Storage Bracket

A storage bracket is supplied with the remote control for holding the transmitter when not in use. If you desire to use the bracket, use the two screws (supplied) and install it on a wall that is away from excess heat or humidity.
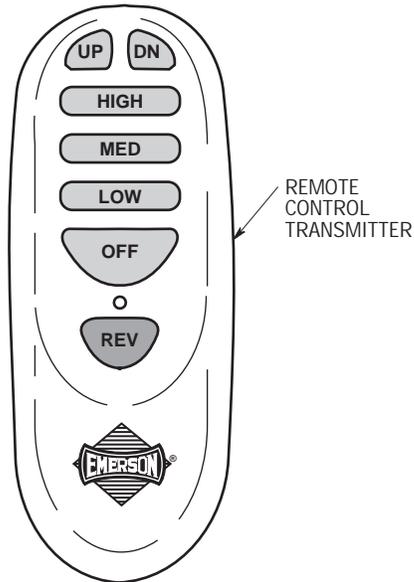
REMOTE CONTROL TRANSMITTER

Figure 19

U.L. Model No.: CF160

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.

Accessories

☐ **1.** Downrod Extension Kits (see store or catalog).

☐ **2.** Ceiling Fan Controls (see store or catalog).

⚠ 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.

INSTRUCTION TO THE USER
(if device contains a digital device)

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

• Reorient or relocate the receiving antenna.

• Increase the separation between the equipment and receiver.

• Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.

• Consult the dealer or an experienced radio/TV technician for help.

This equipment has been certified to comply with the limits for a Class B computing device, pursuant to FCC Rules. In order to maintain compliance with FCC regulations, shielded cables must be used with this equipment. Operation with non-approved equipment or unshielded cables is likely to result in interference to radio and TV reception. The user is cautioned that changes and modifications made to the equipment without the approval of manufacturer could void the user's authority to operate this equipment.

This Class B digital apparatus meets all requirements of the Canadian Interference-Causing Equipment Regulations.

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⚠   WARNING: FOR YOUR OWN SAFETY TURN OFF POWER AT FUSE BOX OR CIRCUIT BREAKER BEFORE TROUBLE SHOOTING YOUR FAN.

Trouble Shooting

TROUBLE	PROBABLE CAUSE	SUGGESTED REMEDY
1. Fan will not start.	1. Fuse or circuit breaker blown. 2. Loose power line connections to the fan, or loose switch wire connections in the switch housing. 3. Wall switch is off. 4. Defective battery in remote control transmitter. 5. Code switches in remote control receiver and transmitter are not set in the same position.	1. Check main and branch circuit fuses or circuit breakers. 2. Check line power connections to fan and switch wire connections in the switch housing. 3. Turn on wall switch. 4. Check that the battery is good (red indicator light should illuminate when any button is pressed). 5. Check that both code switches are set in the same positions. ⚠ **WARNING: Make sure main power is turned off.**
2. Fan sounds noisy.	1. Blades not attached to fan. 2. Screws securing fan blade flanges to motor are loose. 3. Wire connectors inside switch housing rattling. 4. Screws holding blades to flanges are loose. 5. Loose screws in motor housing.	1. Attach blades to fan before operating. 2. Check to make sure the screws which attach the blade flanges to the motor are tight. 3. Check to make sure wire connectors in switch housing are not rattling against each other or against the interior wall of the switch housing. ⚠ **WARNING: Make sure main power is turned off.** 4. Tighten screws securely. 5. Check to make sure all screws in motor housing are snug (not over-tight)
3. Fan wobbles excessively.	1. Setscrew in motor coupling is not tightened securely. 2. Setscrew in the hanger ball/downrod assembly is loose. 3. Screws securing fan blade flanges to motor are loose. 4. Fan blade flanges not seated properly. 5. Hanger bracket and/or ceiling outlet box is not securely fastened. 6. Fan blades out of balance.	1. Raise coupling cover and tighten setscrew securely. 2. Tighten the setscrew 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 that the screws securing the fan blade flanges seat firmly. 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. Or use supplied balancing kit to balance blades.

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Repair Parts Listing

Key No.	Description	Part Number Model No. CF160RTI00
*	Hanger Pack, Consisting of:	761655-37
1	Hanger Bracket	—
2	Hanger Ball	—
3	Downrod	—
*	Parts Bag, Containing:	762658
4	Wire Connector (7)	—
5	Threaded Stud, 8-32 X 1-1/4" (2)	—
6	Knurled Knob (2)	—
7	Lockwasher (2)	—
8	Hairpin Pin	—
9	Clevis Pin	—
10	Screw, Truss Head, 10-24 x 9mm (16)	—
11	Washer, Fiber (16)	—
12	Screw, Pan Head with Lockwasher, 1/4-20 x 11mm (11)	—
13	Screw, Pan Head, 8-32 x 12mm (4)	—
14	Screw, Pan Head 8-32 x 15mm (3)	—
15	Washer, Flat #8 (3)	—
16	Washer, Rubber, #8 (3)	—
17	Nut, 1/8-27NPS (1)	—
18	Lockwasher, 1/8 - 27NPS (1)	—
19	Cover, Ceiling	762652-RTI
20	Cover, Decorative	762698-RTI
21	Scroll Assembly, Decorative	762699-RTI
22	Blade Set (full set for one fan)	762635-6
23	Flange Set (full set for one fan)	762723-RTI
24	Harness Assembly, Wiring	762704
25	Adapter, Fitter	762703-RTI
26	Fitter Assembly, Light	763206
27	Glass, Lower	762702
28	Glass, Upper	762701
29	Cap, Decorative	762706-RTI
30	Nut, Finial	762707-RTI
31	Downrod, 3-1/2"	761631-42
32	Receiver, Remote Control	762670-2
33	Transmitter, Remote Control	762402
—	Owner's Manual	BP7358-1
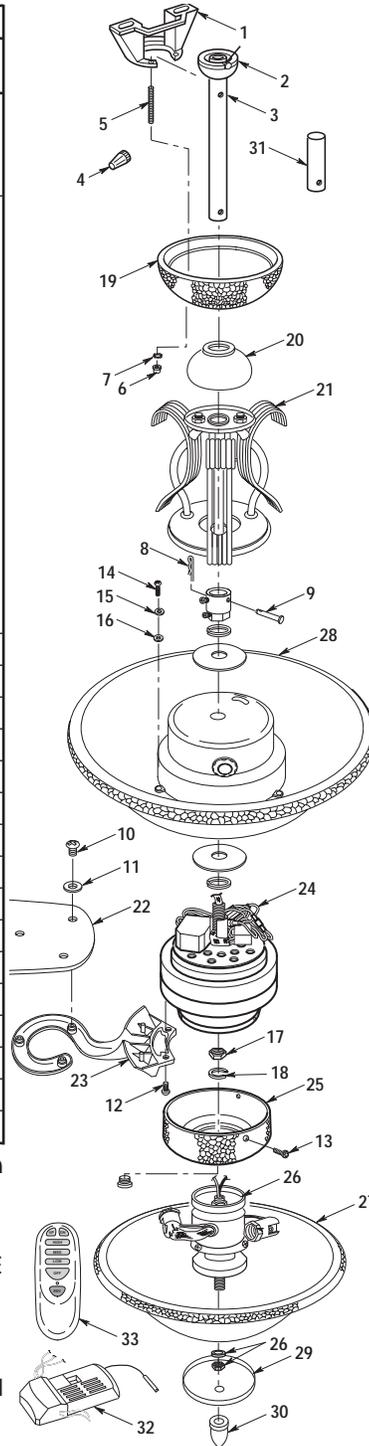
Before discarding packaging material, be certain all parts have been removed.

HOW TO ORDER REPAIR PARTS

WHEN ORDERING REPAIR PARTS, ALWAYS GIVE THE FOLLOWING INFORMATION:

- PART NUMBER
- PART DESCRIPTION
- NAME OF ITEM
- 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.

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LIMITED WARRANTY

What The Warranty Covers:
This warranty covers the motor and the other components and accessories of your Emerson ceiling fan against all defects in workmanship and materials. You must be the original purchaser or user of the product to be covered.

What The Period Of Coverage Is:
As it applies to the motor, this warranty will last for the lifetime of your ceiling fan. All other components and accessories are covered by this warranty for one year from the date you purchased your ceiling fan. ANY IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE, MADE WITH RESPECT TO COMPONENTS AND ACCESSORIES IS ALSO LIMITED TO ONE YEAR.

What Will Emerson Electric Co. Do To Correct Problems:
Emerson Electric Co. will replace a defective Emerson Air Comfort Ceiling Fan motor, blade, component or other accessory at no charge to you. If repair of the motor or blades is not practical or possible within a reasonable time and no replacement can be provided, Emerson will refund the actual purchase price of your fan. **WE WILL SHIP THE REPAIRED PRODUCT OR REPLACEMENT TO YOU AT NO CHARGE, BUT YOU ARE RESPONSIBLE FOR ALL COSTS OR REMOVAL, REINSTALLATION AND SHIPPING OF THE PRODUCT TO EMERSON ELECTRIC CO.**

How Can You Get Service:
YOU MUST HAVE PROOF OF YOUR PURCHASE OF THE CEILING FAN TO OBTAIN LIMITED WARRANTY SERVICE. KEEP YOUR RECEIPT OR OTHER PROOF OF PURCHASE. You can return the product to our factory or to your nearest authorized service center.
- To return the product to the factory, obtain a return authorization and service identification tag by writing to Air Comfort Products, Division of Emerson Electric Co., 8100 W. Florissant Ave., St. Louis, MO 63136. Include all model numbers shown on the product with your request.
- To return the product to an authorized service center, call 1-800-654-3545 for the address of the nearest authorized service center.

You will be responsible for all insurance, freight or other transportation charges to our factory or authorized service center. Your Emerson Air Comfort Ceiling Fan should be properly packed to avoid damage in transit since we will not be responsible for any such damage.

What Is Not Covered:
The glass globes and light bulbs of your ceiling fan are not covered by this warranty. This warranty also does not cover any defects, malfunctions or failures caused by:
- Repairs by persons not authorized by Emerson Electric Co.,
- Use of parts or accessories not authorized by Emerson Electric Co.,
- Mishandling, improper installation, modifications or damage to your ceiling fan while in your possession, or
- Unreasonable use, misuse, abuse, including failing to do reasonable and necessary maintenance, and normal wear and tear.

Additionally, this warranty and any implied warranty of merchantability or fitness for a particular purpose are voided when:
- The original purchaser or user ceases to own the product, or
- The fan is moved from its original point of installation.

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

REPAIR, REPLACEMENT OR A REFUND ARE THE EXCLUSIVE REMEDIES AVAILABLE UNDER THIS WARRANTY AND EMERSON IS NOT RESPONSIBLE FOR DAMAGES OF ANY KIND, INCLUDING INCIDENTAL AND CONSEQUENTIAL DAMAGES. Incidental damages include but are not limited to such damages as loss of time and loss of use. Consequential damages include but are not limited to the cost of repairing or replacing other property which was damaged if this product does not work properly.

How State Law Relates To The Warranty:
Some states do not allow the exclusion or limitation of incidental or consequential damages so the above exclusion or limitation may not apply to you. This warranty gives you specific legal rights, and you may also have other rights which vary from state to state.

EMERSON

Air Comfort Products
DIVISION OF EMERSON ELECTRIC CO.
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