READ AND SAVE THESE INSTRUCTIONS

Model	Model	Model
SW350	**SR330**	**SW375**
Wall Control	Remote Control	Receiver
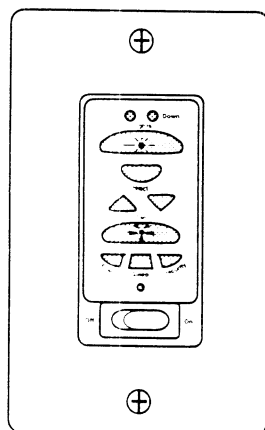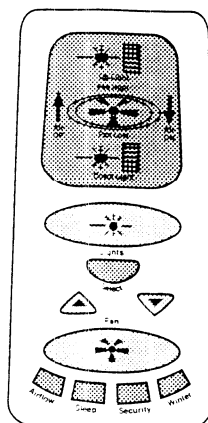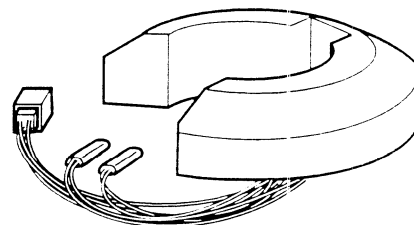
NOTE: The SW350 and SR330 controls must be used with a SW375 receiver.

*For use only with Emerson Ceiling Fan Models \
F2100 1, F2200 1, F2300 1. CF1 0, CF2300 0, CF2454 1, CF2500 0, CF2600 0,
CF3500 0, CF3900 0, CF4500 1, and CF4800 1.*

EMERSON®

SW350, SR330 & SW375 Ceiling Fan/Light Wall Control, Remote Control & Receiver Owner's Manual

⚠ WARNING

Safety Instructions

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

1. Read your Owner's Manual carefully before installing the Remote Control, Wall Control, or Receiver. Retain Owner s Manual for future reference.

2. Before servicing or cleaning the ceiling fan, switch power off at service panel and lock service panel 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.

ADDITIONAL SAFETY INSTRUCTIONS FOR INSTALLATION

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

2. Make certain no bare wires are exposed outside the wire connectors.

3. All wiring must conform to National and Local Electrical Codes.

4. Follow the recommended instructions for the proper method of wiring your new Remote Control. Wall Control, or Receiver. If you feel you do not have enough electrical wiring knowledge or experience. have your Remote Control, Wall Control, or Receiver installed by a licensed electrician. Any electrical work not described in this manual should be performed by a licensed electrician.

INSTRUCTION TO THE USER

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.

General

Your Emerson Ceiling Fan/Light Control consists of either a hand-held transmitter with wall caddy and/or a wall control as well as a receiver which is mounted under the fan ceiling cover. The wall control and remote control are designed to control your ceiling fan speed, airflow direction, and light intensity.

Installation to Operate the Ceiling Fan, downlight and Uplight

IMPORTANT
It is important that you also follow the instructions found in the Owner's Manual supplied with your Ceiling Fan. Pay particular attention to the Safety Instructions and WARNING notes.

1. Remove the wire connectors from the red and brown wires. Cut the white, blue and black wires about 3" above the motor coupling (Figure 1). Strip insulation 1/2" from end of white, blue, red and brown wires. Install a wire connector on the black wire; this wire will not be used.

Figure 1

*NOTE: If your ceiling fan does not have a built-in Uplight, your fan will not have a yellow wire.
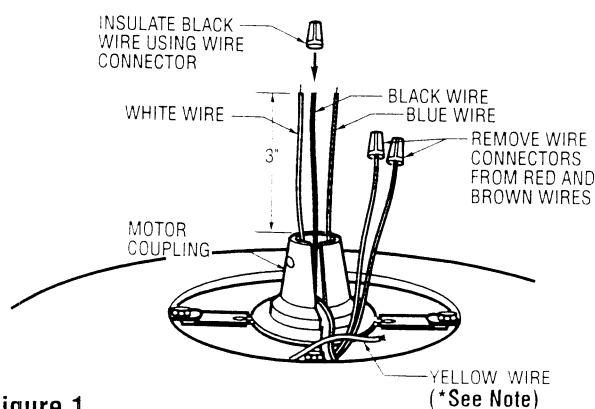
2. Loosen the setscrew in the hanger ball, slide the ball down the hanger pipe, and remove the clevis pin. Then slide the hanger ball off the hanger pipe (Figure 2). Retain all parts.

Figure 2

3. Push the wiring harness connector (supplied with the SW375 receiver) and the connectors on the blue wire (supplied with the control) and yellow wire (supplied with fans containing built-in Uplights) through the hanger pipe until they extend about 4" out of the pipe (Figure 3).

Figure 3

4. Cut the harness wires approximately 3" from the end of the pipe. Strip insulation 1/2" from end of wires.

5. Using wiring connectors supplied, connect the white, red, yellow, blue, and brown wires of the wiring harness to the white, red, yellow, blue, and brown wires of the ceiling fan (Figure 4). Wires must be connected color-to-color.

Figure 4

6. Fold the wires of the wiring harnesses into the slot in the motor coupling, slide the hanger pipe down the wires and seat the hanger pipe in the motor coupling.

7. Align the clevis pin holes in the hanger pipe with the holes in the motor coupling. Install the clevis pin and secure with the hairpin clip. The clevis pin must go through the holes in the motor coupling and the holes in the hanger pipe (Figure 5). 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.

⚠ **WARNING**
It is critical that the clevis pin in the motor coupling is properly installed and the setscrew securely tightened. Failure to verify that the pin is properly installed could result in the fan falling.

8. Install the setscrew (supplied in loose parts bag supplied with ceiling fan) in the motor coupling and tighten using the 5/32" setscrew wrench (supplied with ceiling fan). **A loose setscrew could cause the fan to wobble.** (Figure 5.)

Figure 5

9. Screw the two threaded studs (select the proper length stud as described in the Ceiling Fan Owner's Manual) into the motor brackets. (Figure 6). Coil the wires and wire connectors around the motor coupling, then slide the motor cover over the hanger pipe and rotate the motor cover until the threaded studs protrude. Install two knurled knobs (supplied with ceiling fan) to secure the motor cover to the fan (Figure 7). All wires and wire connectors to be enclosed under motor coupling cover.

Figure 6

10. Position the ceiling cover over the hanger pipe (Figure 8). Be sure the cover is oriented correctly, with the large opening at the top.

11. Install the hanger ball on the hanger pipe as follows. Route the wiring harness connectors through the hanger ball and slide the hanger ball over the hanger pipe. Install the pin through the holes at the top of the hanger pipe and slide the hanger ball up the hanger pipe, aligning the ball so the pin is captured in the groove in the top of the hanger ball (Figure 8). Pull the hanger ball up tight against the pin and securely tighten the setscrew in the hanger ball. **A loose setscrew could create the fan to wobble.**
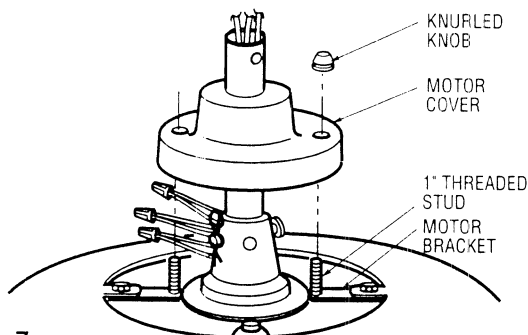

Figure 7

⚠ WARNING

It is critical that the clevis pin in the hanger ball is properly installed and the setscrew securely tightened. Failure to verify that the pin is properly installed could result in the fan falling.
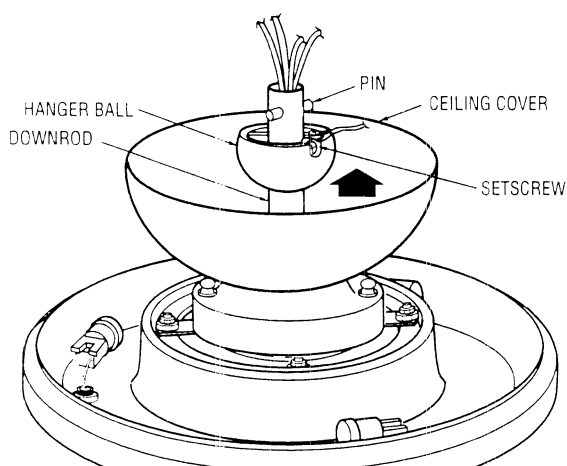
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12. Install the hanger bracket, then hang the fan in accordance with the instructions in the ceiling fan Owner's Manual.

13. Screw two 1-1/4" threaded studs (supplied with the ceiling fan) into the tapped holes in the hanger bracket.

14. Position the receiver by passing the opening in the receiver over the hanger pipe (Figure 9).

15. Connect the black wire from the wiring harness to the black (hot) supply wire (Figure 4). Connect the white wire from the wiring harness to the white (neutral) supply wiring. Connect the green ground wires from the hanger bracket and the hanger ball to the supply ground wire. Use wire connectors supplied with your ceiling fan.

16. Securely connect the wiring harness connector to the receiver connector, and connect the blue and yellow wires (yellow wire is used only on a fan with a built in Uplight) to the blue and yellow wires from the receiver (Figure 4).

17. Fold and position the wires into the space above the hanger ball and into the outlet box (Figure 9).

18. Feed the wires and connectors through the open side of the hanger bracket, and into the outlet box. Slide the receiver up and over the hanger bracket. Press the receiver against the ceiling holding it in place while installing the ceiling cover in accordance with the instructions in the ceiling fan Owner's Manual.

19. Install the fan blades in accordance with the instructions in the ceiling fan Owner's Manual.

20. Install the downlight Kit in accordance with the instructions in the downlight Kit Owner's Manual.
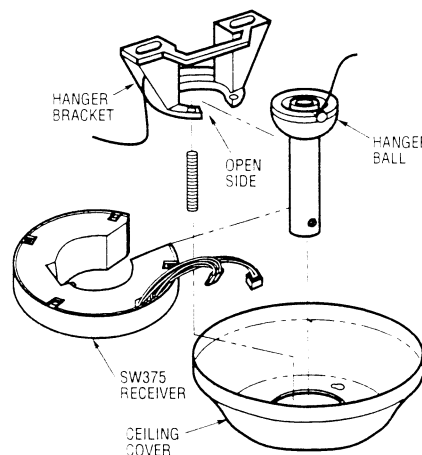

Figure 8

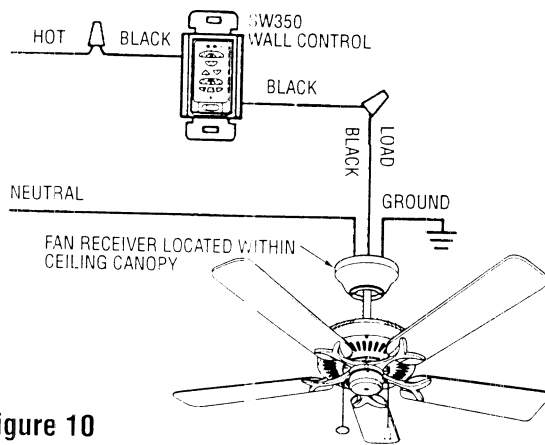Figure 9

Installation of SW350 Wall Control

Figure 10

SINGLE-POLE INSTALLATION (Figure 10)

1. Disconnect power at circuit breaker or remove fuse.

2. Remove faceplate and screws from existing wall control. Pull control out from the wall box. Do not attempt to disconnect any wires not already connected to existing control.

⚠ **WARNING**
Do not connect any neutral (white) wire to this control. Incorrect wiring will damage this control.

3. Connect one black wire of wall control to the "hot" wire. Securely connect wires with wire connectors supplied (Figure 11).

4. Connect one black wire of wall switch to the "load" (black) wire in wall box. Securely connect wires with wire connector supplied.

5. Screw wall control into wall box and install decorator style faceplate (included). Leave wall control in "OFF" mode until fan installation is completed.

6. Refer to fan Owner's Manual to complete fan installation.

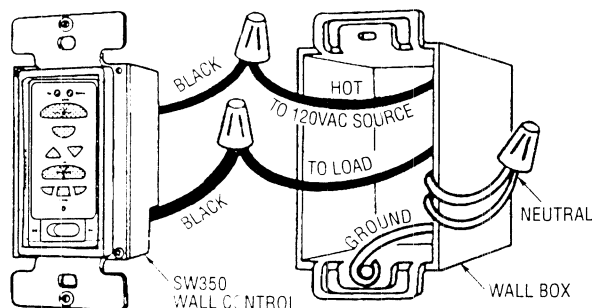7. Perform Code Learning Procedure (Page 7).

Figure 11

3-WAY INSTALLATION
(On fan controlled by two different wall controls)
(See Figures 12 and 13.)

1. Disconnect power at circuit breaker or remove fuse.

2. At all wall box locations remove faceplates and screws from existing controls. Pull controls out from wall boxes and determine which wall box contains the "hot" lead and which wall box contains the "load" wire. Also, identify traveler wires which are common to both wall boxes. Disconnect wires from existing controls only. Do not attempt to disconnect any wires not already connected to existing controls.

3. Before installing wall control, place wall control in "OFF" mode by pushing "ON/OFF" switch to the "OFF" position.

⚠ **WARNING**
Do not connect any neutral (white) wire to this control. Incorrect wiring will damage this control.

4. Install a wall control in the wall box containing the "hot" wire first. Connect the black wire of the wall control to the "hot" wire. Securely connect wires with wire connectors supplied.

5. Connect one black wire of the wall control to both remaining traveler wires in the wall box and secure with wire connector supplied.

NOTE: Retrofit 3-way installations are likely to include two traveler wires between the two wall boxes. In new construction, only one traveler wire is required.

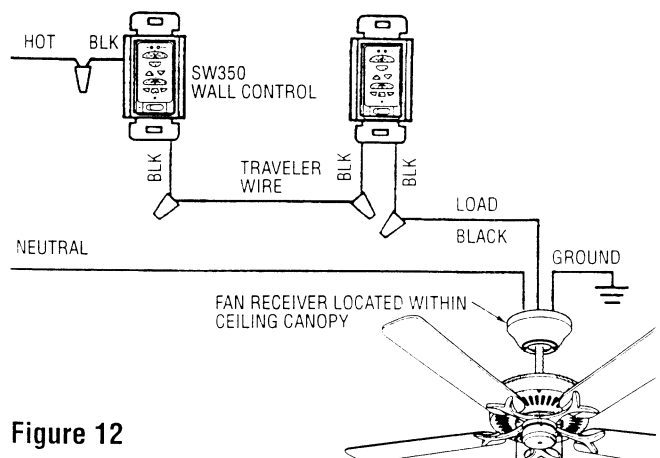### 3-WAY WIRING DIAGRAM: NEW CONSTRUCTION

Figure 12

6. Place wall control into wall box. Screw in place and install decorator style faceplate.

7. Next, install the other wall control into the wall box containing the load wire. Connect the black wire of the wall control to the traveler wire(s) already connected to the black wire (in the other wall box). Secure with wire connectors supplied.

8. Connect one black wire of the wall control to the "load" (black) wire and secure with wire connector supplied.

9. Place the second wall control into the wall box. Screw in place and install decorator style faceplate (included). Leave switch in "OFF" mode until fan installation is completed.

10. Refer to fan Owner's Manual to complete fan installation.

NOTE: You must perform the Code Learning Procedure for both wall controls to be able to operate your fan from both wall controls.

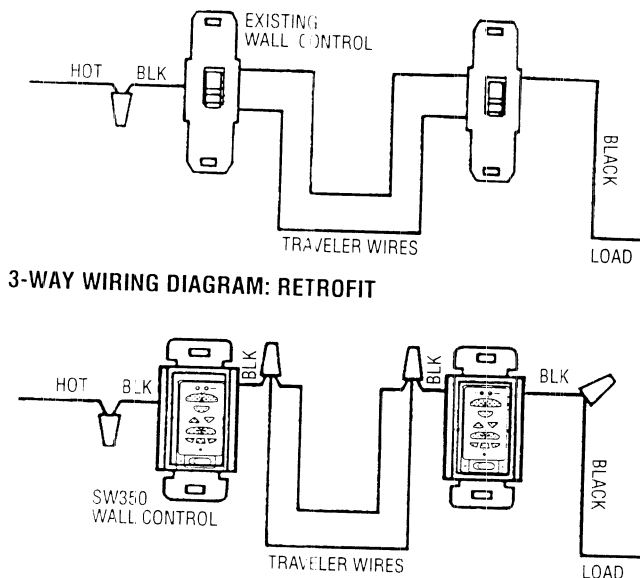STANDARD WIRING FOR EXISTING 3-WAY CONTROLS

3-WAY WIRING DIAGRAM: RETROFIT

Figure 13

Installation of Pull Chain Plug

If you have either a single or dual pull chain switch cup assembly and you do not desire to have the pull chain(s) hang from your ceiling fan, proceed as follows. Uncouple the chain extensions(s), if installed. Unscrew the nut(s) on the inside of the switch cup assembly and remove the chain bushing(s) (Figure 14). Tuck the chain(s) into the switch cup assembly and then plug the hole(s) with the pull chain plug(s) (supplied). Choose the color of the plug that best matches your ceiling fan.
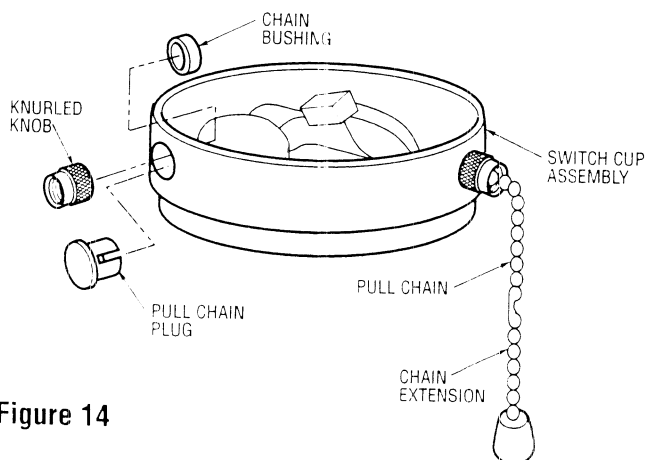

Figure 14

Trouble Shooting

FAN/LIGHT FAILS TO OPERATE

Make sure the Code Learning Procedure has been performed (Page 7 or 8).

- Check that the light switch on the light fixture is on.
- Check that the battery is good (green indicator light should light when any button is pressed).
- Check that the receiver is wired properly.
- Check that the ON/OFF wall switch is in the on position.

MULTIPLE FAN INSTALLATION USING THE SR330 REMOTE CONTROL AND SW350 WALL CONTROL.

When installing two or more fans on the same electrical circuit with both using either the SR330 or SW350 controls to operate the fans separately perform the following steps:

1. On the first fan, install as directed in the Owner's Manual and perform the Code Learning Procedure.

2. Turn the power OFF on the first fan by either flipping the ON/OFF switch on the SW350 or turning OFF the wall switch (if using a SR330 Remote Control). If there is not wall switch and you are operating the fan with the SR330 Remote Control only, disconnect the wiring harness in the receiver (See Figure 15).
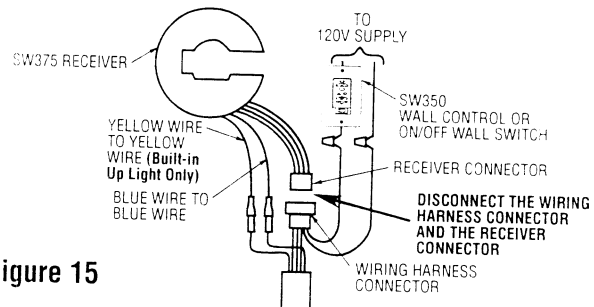

Figure 15

3. Install the second fan as directed in the Owner's Manual and perform the Code Learning Procedure.

4. If all ceiling fan installations are complete at this time, turn the power back on to the first fan or re-connect the power to the SW375 Receiver and both fans will now operate independently.

5. If additional fans are to be installed. continue to complete Step #2 until all fans are installed.

USE OF SR330 REMOTE CONTROL IN CONJUNCTION WITH SW350 WALL CONTROL.

The SR330 Remote uses a LCD display that shows the status of the fan, uplight, and downlight. Each time any button is pressed on the SR330 handheld, the remote control sends all instructions to the SW375 Fan Receiver. This means that the remote control sends the fan, uplight, downlight, fan speed, and fan direction readings on the LCD display to the SW375 Receiver.

If any changes have been made to the fan or light functions using the SW350 Wall Control, those changes are not indicated on the remote LCD display. When the SR330 Remote Control buttons are pressed, the fan and light functions change to the LCD display settings.

Operation of Your SW350 Wall Control (Figure 16)

IMPORTANT

The installation of your fan must be completed, including the installation of the fan blades, before testing the wall control.

CODE LEARNING PROCEDURE

Turn the power off at the SW350 wall control.

After a few seconds, turn the power back on at the wall switch. The receiver will beep indicating the power is on.

During the first 2 minutes after power is turned back on at the wall switch, press the Code Learn button (See Figure 16) with a pen or pencil or paper clip until 1 beep is heard from the SW375 Fan Receiver.

Once the beep is heard, the SW375 Fan Receiver has received the transmitter code.

NOTE: The Code Learning Procedure must be performed before the wall control will operate the fan or light.

NOTE: An audible tone will be heard from the receiver whenever any of the fan/light or any other function buttons are pressed.

A. LIGHT (-☀-) Function

When the Light On/Off button is pressed for the first time, the up and downlight on the fan will turn on to a full brightness level. When the Light On/Off button is pressed again, the downlight and then the uplight will turn off.

To change the light level of the uplight and downlight, proceed as follows:

The uplight and downlight can be operated independently. Press the Select button to change between downlight/uplight/fan operation. When the red Uplight indicator is on, you are controlling the light level on the uplight. When the green downlight indicator is on, you are controlling the light level of the downlight.

NOTE: The Light On/Off button features a soft on/soft off feature that ramps the downlight down and the uplight down slowly. (This allows you to leave the room before it is completely dark.) Tap the Light On/Off button twice quickly to turn off the downlight and uplight quickly at the same time.

Once you have selected the correct light (uplight or downlight) to control, use the Up/Down arrow buttons (See Figure 16) to increase or decrease the intensity of the light.

Press the Up/Down arrow buttons to reach the desired intensity, then release the button when satisfied.

NOTE: Both uplight and downlight will return to their pre-set intensity levels when the lights are turned back on.

B. FAN (-⚹-) Function

Your Emerson fan operates at six different fan speeds (from low to high). When the Fan On/Off button (See Figure 16) is pressed for the first time, the fan will turn on to high speed. When the Fan On/Off button is pressed again, the fan will turn off.

To change the fan speed and airflow direction, proceed as follows:

Make sure you are in fan operation. Press the Select button to change to fan operation. The Fan On/Off button will glow and the Up/Downlight indicators will both be off. Once you have selected the fan operation, use the Up/Down Arrow buttons to increase the fan speed to high or decrease the fan speed to low. (Each time the Up arrow button is pushed, the fan speed will increase by one speed; each time the Down arrow button is pushed, the fan speed will decrease by one speed).

Press the Up/Down arrow buttons to reach the desired speed, then released the button when satisfied.

The receiver will always remember the last fan settings when the fan On/Off button is pressed to turn the fan back on.

C. SLEEP Function

Pressing the Sleep button will decrease the fan speed by one speed every 60 minutes until the fan speed reaches its lowest setting. If the fan is already on, then it will decrease from its current setting. If the fan is off, it will start from fan setting "3" (medium) and decrease from there.

Once the Sleep function is activated, the fan speed can be increased or lowered using the Up/Down arrow buttons without disabling the Sleep function. The fan will continue to decrease by one speed every 60 minutes until the fan is on low speed.

To cancel the Sleep function, press the Fan On/Off button to turn the fan off.

D. SECURITY Function

When the Security button is pressed the lights will flash and then come to full brightness. The lights will remain on for a random period between 8 and 63 minutes. At that time the lights will turn off for a period between 8 and 63 minutes. This process will repeat itself indefinitely.

To cancel the Security function, press the Light On/Off button.

Figure 16

7
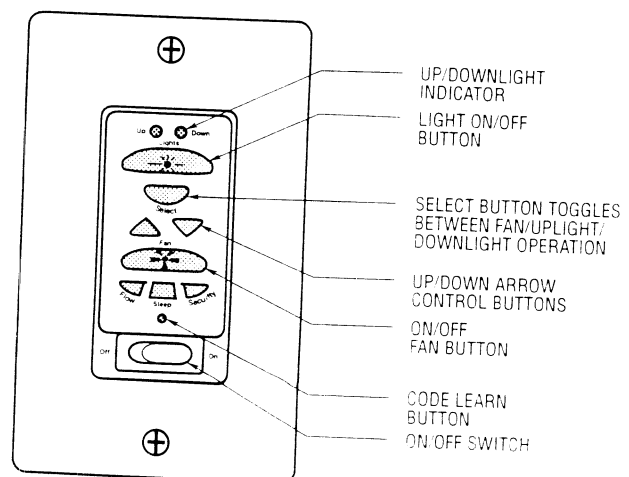
Operation of Your SR350 Remote Control (Figure 17)

NOTE: In order to operate your fan with the hand held remote, you must complete the code learning procedure.

CODE LEARNING PROCEDURE

Turn the power off at the wall switch and/or service panel.

After a few seconds, turn the power back.

During the first 2 minutes, after the power is turned back on, press both the Airflow and Security buttons at the same time until 1 beep is heard from the SW375 Fan Receiver.

Once the beep is heard, the SW375 Fan Receiver has received the transmitter code.

NOTE: The Code Learning Procedure must be performed before the remote control will operate fan or light.

NOTE: An audible tone will be heard from the receiver whenever any of the fan/light or any other function buttons are pressed.

A. LIGHT (-※-) Function

When the Light On/Off button is pressed for the first time the uplight and downlight on the fan will turn on to a full brightness level. All bars will be lit on the LCD Panel for both the uplight and downlight. When the Light On/Off button is pressed again the downlight and then the uplight will turn off.

To change the light level of the uplight and downlight, proceed as follows:

The uplight and downlight can be operated independently. Press the Select button to change between downlight/uplight/fan operation. When the downlight symbol glows on the LCD panel you have control of the down light. When the uplight symbol glows on the LCD panel you have control of the uplight.

NOTE: The Light On/Off button features a soft on/soft off feature that ramps the downlight down and the uplight down slowly. (This allows you to leave the room before it is completely dark.) Tap the Light On/Off button twice quickly to turn off the downlight and up light quickly at the same time.

Once you have selected the correct light (up light or down light) to control, use the Up/Down arrow Buttons (See Figure 17) to increase or decrease the intensity of the light. Press the Up/Down arrow buttons to reach the desired intensity, then release the button when satisfied. The bars on the LCD panel will either increase or decrease based on the Up/Down arrow button pushed.

The receiver will always remember the last Light settings when the Light On/Off button is pressed to turn the light back on.

B. FAN (-Ψ-) Function

Your Emerson fan operates at six different fan speeds (from low to high). When the Fan On/Off button (See Figure 17) is pressed for the first time, the fan will turn on to high speed and the fan symbol will light on the LCD panel. When the Fan On/Off button is pressed again, the fan will turn off.

To change the fan speed and airflow direction, proceed as follows:

Press the Select button to change to fan operation. The Fan symbol will glow on the LCD panel and both the up and down light symbols indicators will be off.

Once you have selected fan operation, use the Up/Down arrow buttons to increase the fan speed or decrease the fan speed. (Each time the Up arrow button is pushed the fan speed will increase by one speed; each time the Down arrow button is pushed the fan speed will decrease by one speed). The bars on the LCD panel next to the fan symbol will either increase or decrease based on the Up/Down arrow button pushed.

The receiver will always remember the last speed setting of the fan when the Fan On/Off button is pressed to turn the fan back on. It will return to its pre-set level.

Press the Airflow button to reverse the direction of the fan.

The Air UP or Air DN symbols will be lit on the LCD panel indicating which direction the fan is running. When the fan is spinning counter clockwise the fan is in "Summer" operation and when the fan is spinning clockwise the fan is in "Winter" operation.

C. SLEEP Function

Pressing the Sleep button will decrease the fan speed by one speed every 60 minutes until the fan reaches its lowest setting. The Sleep icon will be seen on the LCD panel indicating Sleep mode. If the fan is already on then it will decrease from its current setting. If the fan is off, it will start from fan setting "3" (medium) and decrease from there.

Once the Sleep function is activated, the fan speed can be increased or lowered using the Up/Down Arrow buttons without disabling the Sleep function. The fan will continue to decrease by one speed every 60 minutes until the fan is on low speed.

To cancel the Sleep function, press the Fan On/Off button to turn the fan off.

D. WINTER Mode

When the Winter button is pressed the fan will go in the clockwise direction and run at low speed. The Winter icon will be lit on the LCD display. Every ten minutes the fan will turn up to high speed for three seconds and then return to low speed. This helps push warm air down from the ceiling to reduce heating costs.

The lights can be turned on or off or changed at any time without canceling the winter function.

To cancel the Winter function, press the Fan On/Off button

E. SECURITY Function

When the Security button is pressed the lights will flash once and then come to full brightness. The Security icon will be displayed on the LCD panel. The lights will remain on for a random period between 8 and 63 minutes. At that time the lights will turn off for a period between 8 and 63 minutes. This process will repeat itself indefinitely.

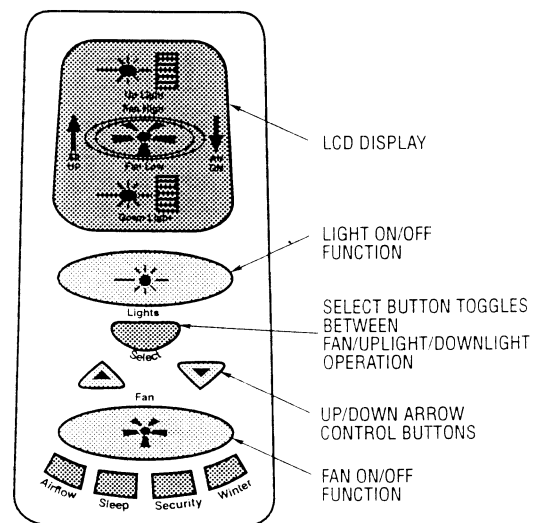To cancel the Security function, press the Light On/Off button.

LCD DISPLAY

LIGHT ON/OFF FUNCTION

SELECT BUTTON TOGGLES BETWEEN FAN/UPLIGHT/DOWNLIGHT OPERATION

UP/DOWN ARROW CONTROL BUTTONS

FAN ON/OFF FUNCTION

Figure 17