



SINCE 1886

# UNIVERSAL FAN-LIGHT CONTROL INSTALLATION INSTRUCTIONS—MODEL 22798 FOR THREE FAN SPEED AND SIX LIGHT LEVEL CONTROL RF REMOTE CONTROL

(FOR HORIZONTAL MOUNT ONLY. NOT FOR USE WITH FLUSH MOUNT FANS EXCEPT HUNTER MODELS)

## READ AND SAVE THESE INSTRUCTIONS

**CAUTION:** This device complies with part 15 of the FCC rules. Changes or modifications not expressly approved by Hunter Fan Company could void your authority to operate this equipment.

Operation Is Subject To The Following Two Conditions:

- (1) This device may not cause harmful interference.
- (2) This device must accept any interference received, including interference that may cause undesired operation.

### BEFORE INSTALLING HUNTER FAN/LIGHT REMOTE CONTROL —

- 1. Never use this pull chain switch to control speed of fan after installation of Hunter fan/light remote control. The speed of the fan can be controlled from the hand held remote control transmitter.
- 2. All wiring must be in accordance with national and local electrical codes. If you are unfamiliar with the wiring codes, you should use a qualified electrician.
- 3. Use with a fan that incorporates an air gap switch (normal "ON-OFF" wall switch).

### WARNING!

Maximum fan load is 2.0 amp; maximum lamp is 300 watts. Do not use any speed control with this product. Do not switch fan by the pull chain switch.

## INSTALLATION

### IMPORTANT:

A. Before installing this control make sure the position of the dip switches of the transmitter and receiver are matched. If they are not matched, the control will not function.

Select different combination of dip switches for each fan installation in the house to prevent interference of one control with another. See Figure 1.

B. When changing the dip switches any time after installation, the main power to the fan should be turned off and the battery from the transmitter should be removed. After changing the dip switches to new position, turn the main power on and install battery to the transmitter.

If this procedure is not followed, the new setting of the dip switches will not be effective.

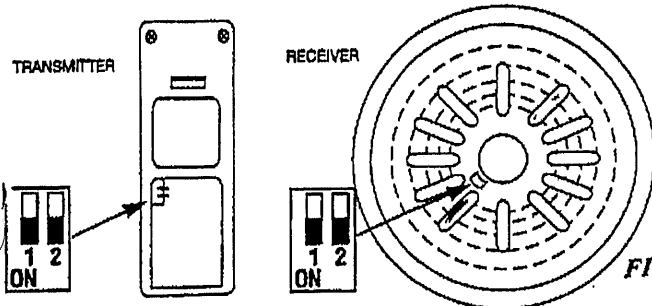


FIGURE 1

1. Be sure electric power is disconnected before starting work to avoid the possibility of electrical shock.

2. For fans being mounted from an approved fan-support wiring box, follow the box manufacturer's instructions for installation of the electrical box from the ceiling. In all cases, follow the fan installation instructions for any preparations required for mounting the fan.

NOTE: Pay particular attention to the following steps 3, 4, and 5 before attempting to hang the fan.

3. If your fan requires an outlet box approved for fan support, attach the fan support plate to the outlet box. See Figure 2. The support plate fits over the outlet box studs. Use the nuts supplied with the outlet box to secure the support plate. The studs on the support plate must extend downward.

The support plate is not needed for fans that mount directly to the building structure.

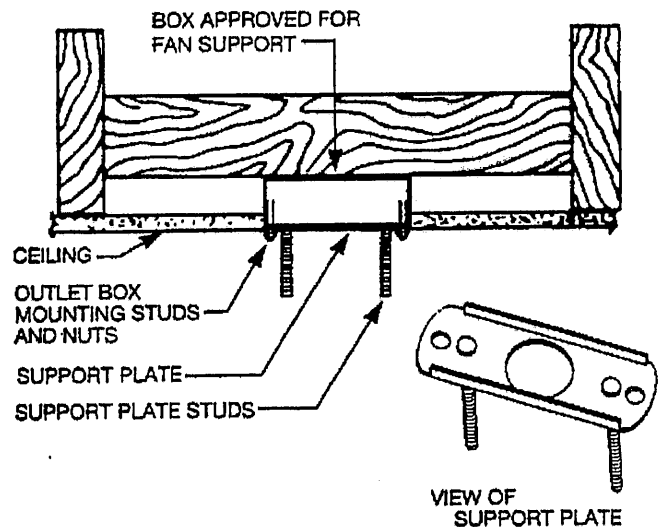


FIGURE 2

4. Wire the control to the power leads coming from the ceiling outlet box. Connect the wires from the top of the control—white to white, and black to black. See Figure 3 (next page).

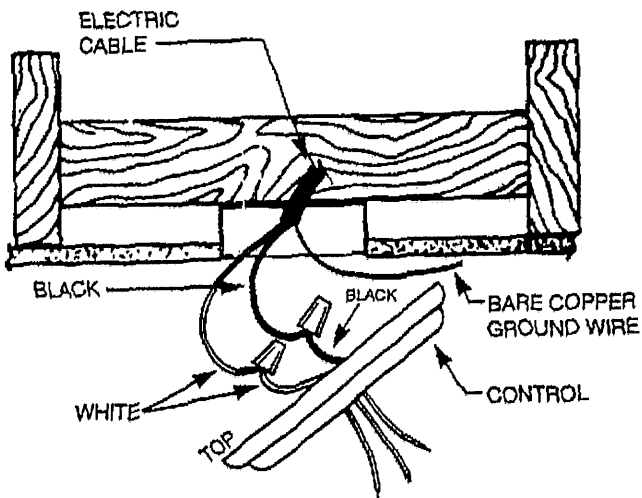
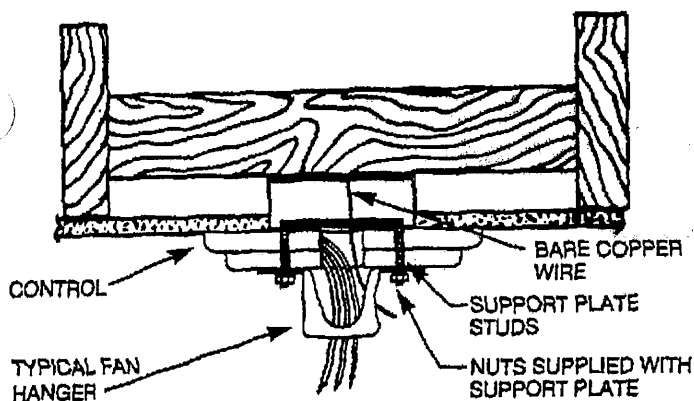


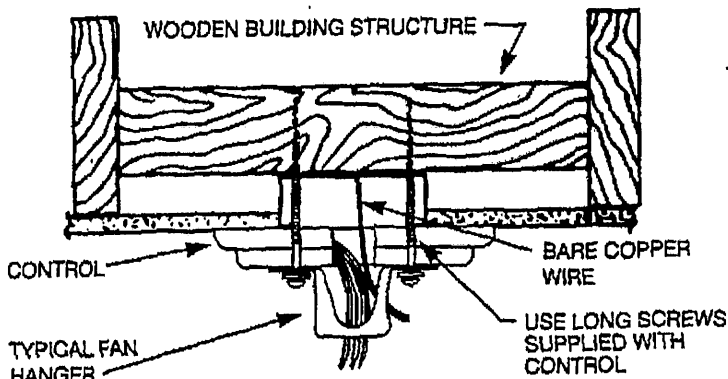
FIGURE 3

4. (Continued) Push the wires up into the outlet box and arrange the wire connectors to point upward. Separate the wires so that the black wires are on one side of the box and the white wires are on the other.

5. Bring the control up to the ceiling. Feed the bare copper ground wire down through the center hole of the control. Use the fan mounting brackets to hold the control and the fan mounting hanger in place. See Figure 4.



WITH APPROVED OUTLET BOX



MOUNTING DIRECTLY TO STRUCTURE

FIGURE 4

## WIRING THE FAN

1. Mount the fan to the fan hanger. Connect the white wire from the control to the fan white wire and the black wire to the black. Connect the bare copper wire to the green ground wire from the fan. Connect the red wire from the control to the fan through-wire that goes directly to the light kit. See Figure 5.

Push the connections up through the center hole into the ceiling outlet box.

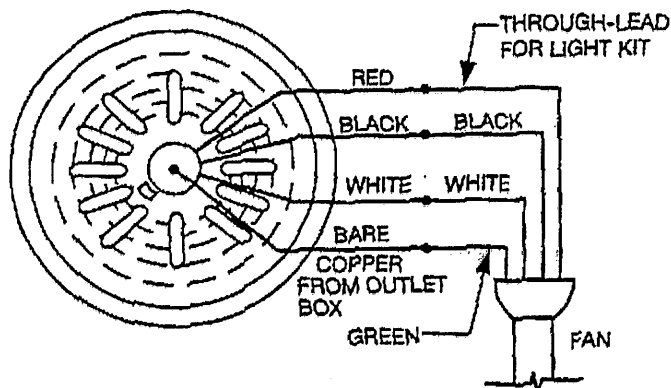


FIGURE 5

2. Complete the installation of the fan by following the instructions supplied with the fan.

3. Turn on the power.

4. Install 9V battery in the transmitter.

## SETTING OF PULL CHAIN SWITCH

Next step is to set the pull chain switch to high position. This is required to obtain correct high-med-low speeds by remote control.

Press fan button of the transmitter once. Fan should run at high speed. If not, turn the main switch off. Pull the chain once to next position and turn on the power.

**NOTE:** Never pull the chain when power is on after installing the control.

2. Press fan button of transmitter again, if the fan speed is not set at high, repeat #1 and #2 until you get high speed.

3. Once the high speed is set you will get correct high, medium and low speeds with the remote control. See the following operation section.

## OPERATION:

### IMPORTANT!

Do not pull fan speed pull chain switch while the fan is "ON" with Hunter fan/light remote control installed. "BEEP" will sound when the command from the transmitter is received by the receiver.

### LIGHT

- Press "LIGHT" button once—light will come on.
- Press once again—light will turn off.
- Press and hold—light will dim in six steps. Release when desired level is reached.
- When turned off and turned on again, the light level will be same as your last setting.

### FAN

- Press "FAN" button once—fan will run on high speed.
- Press again—fan will run on medium speed.
- Press a third time—fan will run on low speed.
- Press "FAN OFF" button once—fan turns off.

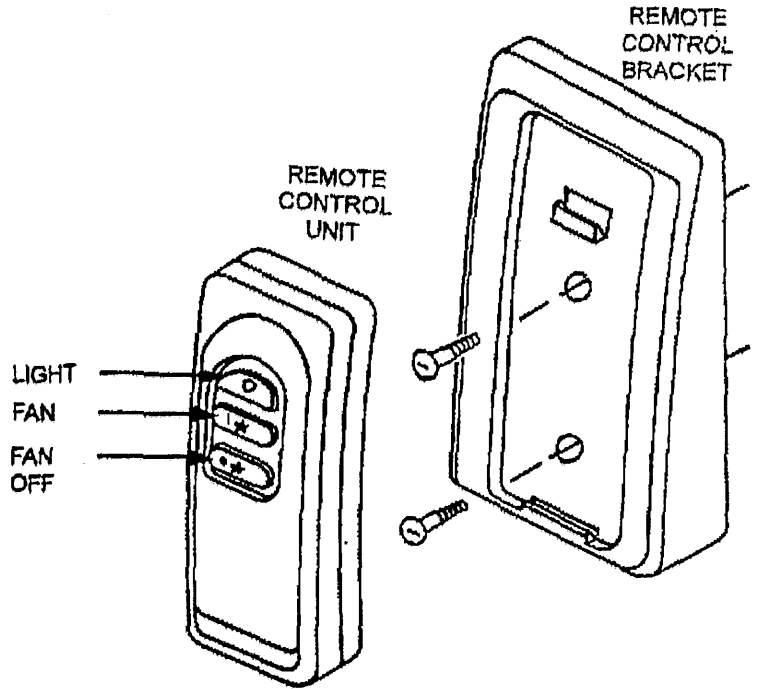


FIGURE 6