



Settings: To access setting adjustments remove sensor cover by removing countersunk screw from side of sensor and turn cover counter clockwise.

Time-Delay: Settings should be determined during the installation period. This adjustment controls the amount of time the fan stays ON after the last detected motion. You may select settings varying from 20 Seconds (-) to 15 minutes and (+) and any time in between. **NOTE:** After power is turned ON from the circuit breaker or fuse, allow two minutes for this unit to warm up before performing Time-Delay settings.

Ambient Light: This adjustment allows you to determine at what minimum ambient light level the device will operate. You may select settings from always operating (day and night) to operating only when the ambient light level is less than 3 lux, or anywhere in between. The fan will turn ON when the unit senses motion and the ambient light reaches your desired level.

Perform the following steps for a more precise Ambient Light adjustment:

1. Make the adjustment when the actual ambient light is at the level where no artificial light is required.
2. Turn the Ambient Light adjustment to the (-) position (minimum light).
3. Turn the Time-Delay adjustment to the (-) position (at 20 seconds) and leave the monitored space.
4. Re-enter the monitored space after the fans goes OFF and the fan will remain OFF.
5. Slowly turn the Ambient Light adjustment knob towards (+) until the fan goes ON.
6. Slightly turn the Ambient Light adjustment knob back towards (-) and leave the monitored space.
7. When you return to the monitored space, the fan should remain OFF. If the fan comes ON, repeat **step 6** until the fan remains OFF when you reenter the monitored space, at the desired ambient light level.
8. Reset the Time-Delay adjustment back to the desired position.

Troubleshooting:

• FAN WILL NOT TURN ON

- **Circuit breaker or fuse is OFF:** Turn the breaker ON. Ensure that the fan is in working order (See Gemini IO&M).
- **Fan is wired incorrectly or may be defective:** Confirm that the fan's wiring is done exactly as shown in the diagram and/or inspect it visually for problems. (See Figure 1 below or 2 on reverse side)
- **Lens is dirty or obstructed:** Inspect the lens visually and clean if necessary, or remove the obstruction.

• FAN WILL NOT TURN OFF

- **Fan is wired incorrectly or may be defective:** Confirm that the fan's wiring is done exactly as shown in the diagram and/or inspect it visually for problems.
- **Fan may be mounted too closely to an air conditioning or heating vent, or traffic in an adjacent area is affecting fan:** Move the fan to another location, or close the vent.
- **The line voltage has dropped:** Perform the necessary tests to ensure the line voltage has not dropped beneath 100V. If it has dropped, check for operation of any large appliances on the circuit, and turn them off.
- **Light is being reflected from an object:** Check the area for any white or shiny surfaces that might be reflective, and correct the situation.

• FAN TURNS OFF AND ON TOO QUICKLY

- **Fan may be mounted too closely to an air conditioning or heating vent:** Move the fan to another location, or close the vent.
- **Light is being reflected from an object:** Check the area for any white or shiny surfaces that might be reflective, and correct the situation.
- **Time delay set improperly:** Adjust the TIME DELAY (see **SETTINGS** section).

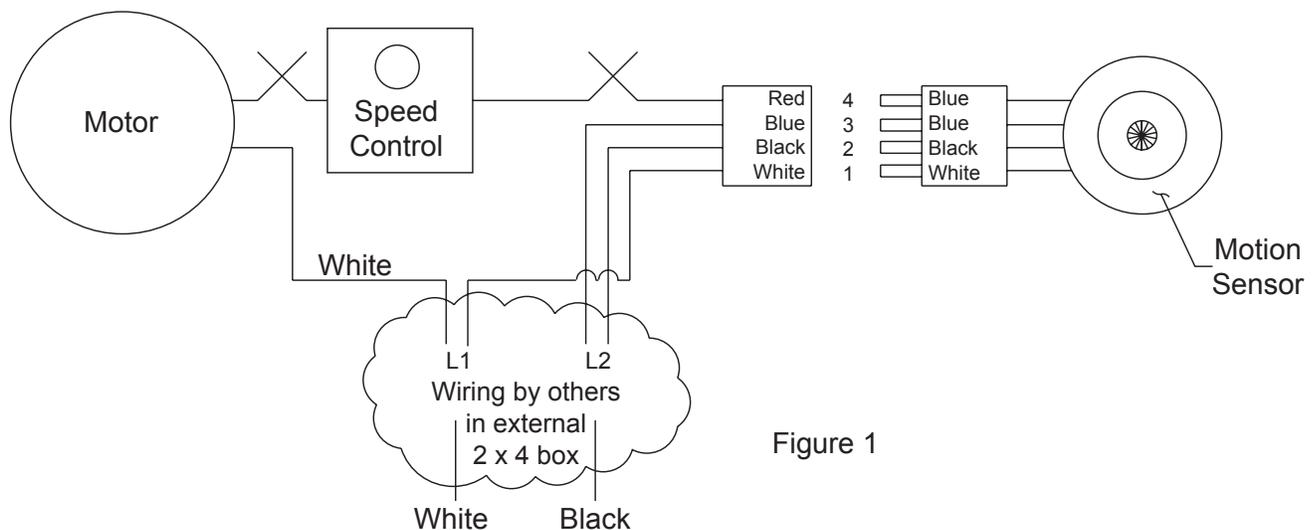
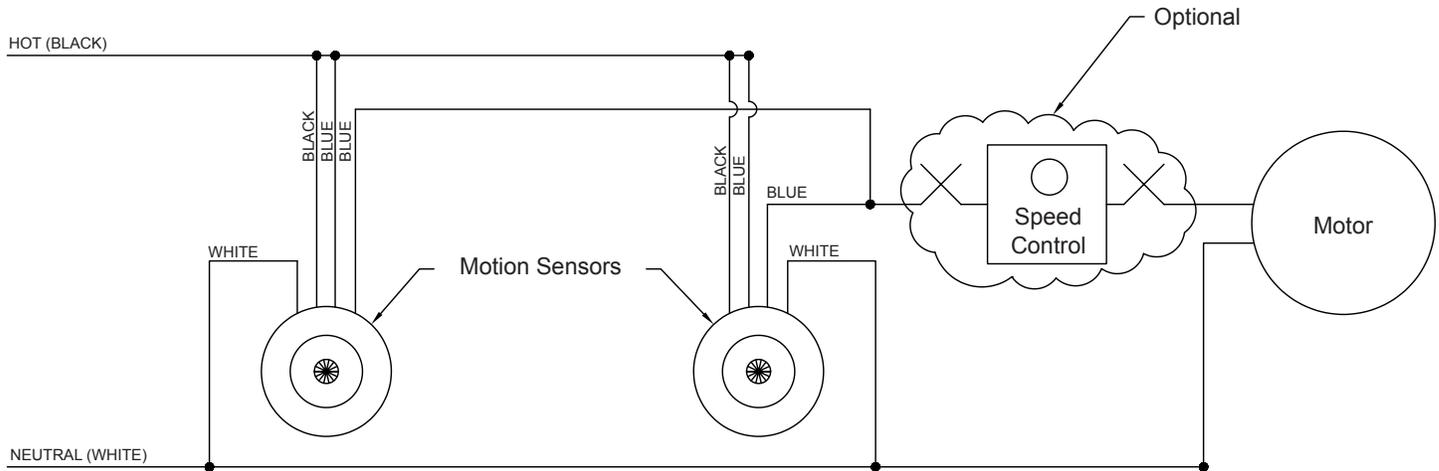


Figure 1

FIGURE 2

**Ceiling Mount Occupancy Sensor
Two-Location Wiring Diagram**



Limited Warranty

Loren Cook Company warrants that your Loren Cook fan was manufactured free of defects in materials and workmanship, to the extent stated herein. For a period of one (1) year after date of shipment, we will replace any parts found to be defective without charge, except for shipping costs which will be paid by you. This warranty is granted only to the original purchaser placing the fan in service. This warranty is void if the fan or any part thereof has been altered or modified from its original design or has been abused, misused, damaged or is in worn condition or if the fan has been used other than for the uses described in the company manual. This warranty does not cover defects resulting from normal wear and tear. To make a warranty claim, notify Loren Cook Company, General Offices, 2015 East Dale Street, Springfield, Missouri 65803-4637, explaining in writing, in detail, your complaint and referring to the specific model and serial numbers of your fan. Upon receipt by Loren Cook Company of your written complaint, you will be notified, within thirty (30) days of our receipt of your complaint, in writing, as to the manner in which your claim will be handled. If you are entitled to warranty relief, a warranty adjustment will be completed within sixty (60) business days of the receipt of your written complaint by Loren Cook Company. This warranty gives only the original purchaser placing the fan in service specifically the right. You may have other legal rights which vary from state to state.

LOREN COOK COMPANY

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