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CO₂ Occupancy Sensing Switch *Instruction / Installation Guide*



Thank you for purchasing the Carbon Dioxide (CO₂) Occupancy Sensing Switch for use with your **RecoupAerator**[®]. Designed to reduce excessive CO₂ levels in your home, the sensor will automatically turn on the RecoupAerator to maximum air flow (boost) when the sensor's CO₂ set point threshold has been exceeded in order to dilute the air to appropriate CO₂ levels.

To use the Occupancy Sensing Switch it will need to be in a location where carbon dioxide levels may be a concern. For example, areas where people gather or a significant amount of time is spent.

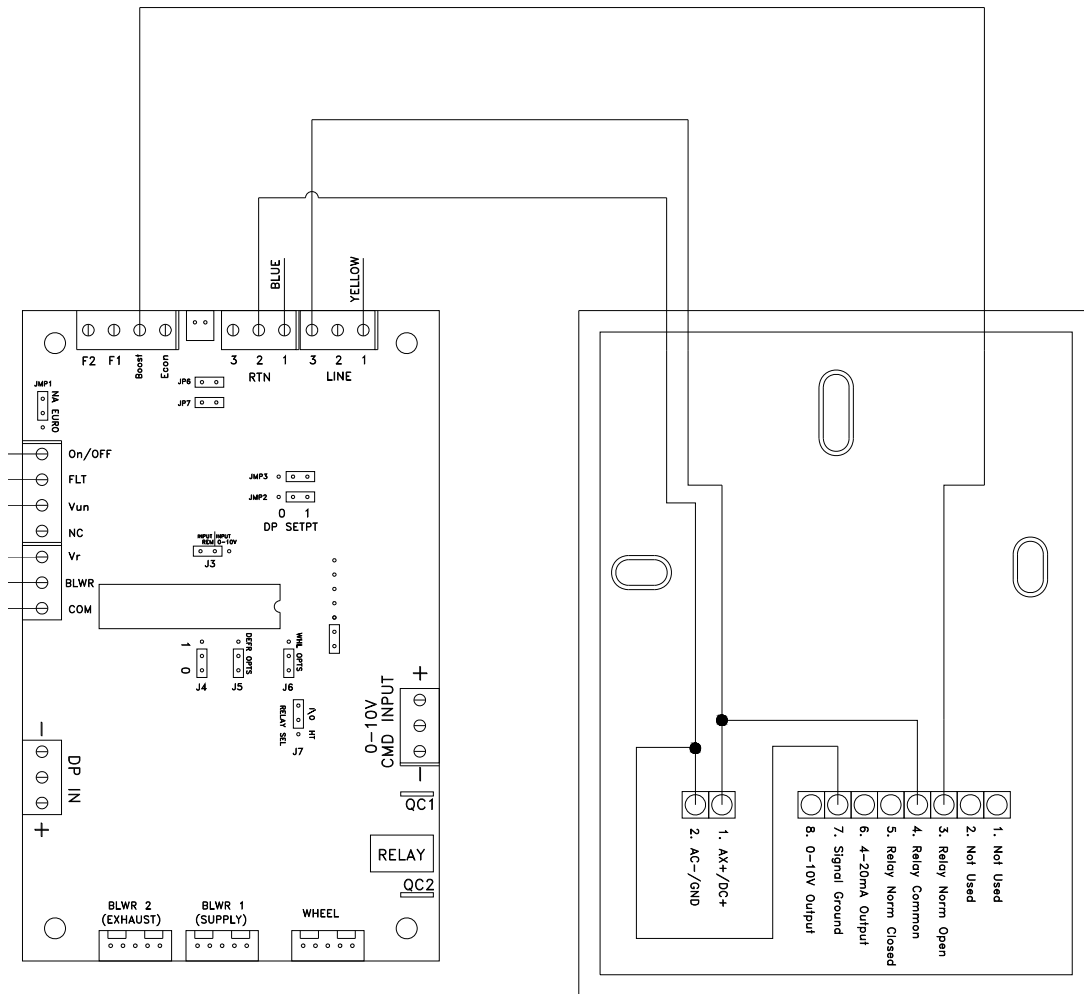
The sensor should be wall mounted, and the removable base allows access to the wall screws. You will need to run 3-conductor wire (20/22GA) from the **RecoupAerator**[®] and make two short jumper wires inside the CO₂ sensor as shown below. Also, refer to the **RecoupAerator**[®] manual for controller wiring.

To setup the sensor's CO₂ threshold, please follow these instructions:

1. After 2 minutes warm-up, press CLEAR+MODE. Hold 5 seconds until the display enters the edit mode
2. The first menu is Altitude. Press the MODE Button 9 times until the RELAY menu is displayed.
3. Use UP/DOWN Button to change the CO₂ threshold in 25ppm increments. Press CLEAR to start over. Press ENTER to confirm the change.
4. Press MODE two more times to exit the edit mode.

Note: For normal residential use, threshold is recommended to set at 800ppm.

20 OR 22 GAUGE LOW VOLTAGE WIRE



ROUTE WIRING THROUGH SLOT IN BACK OF CO2 SENSOR HOUSING

WIRING FOR CO2 OCCUPANCY SENSING SWITCH