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## CO<sub>2</sub> Occupancy Sensing Switch *Instruction / Installation Guide*

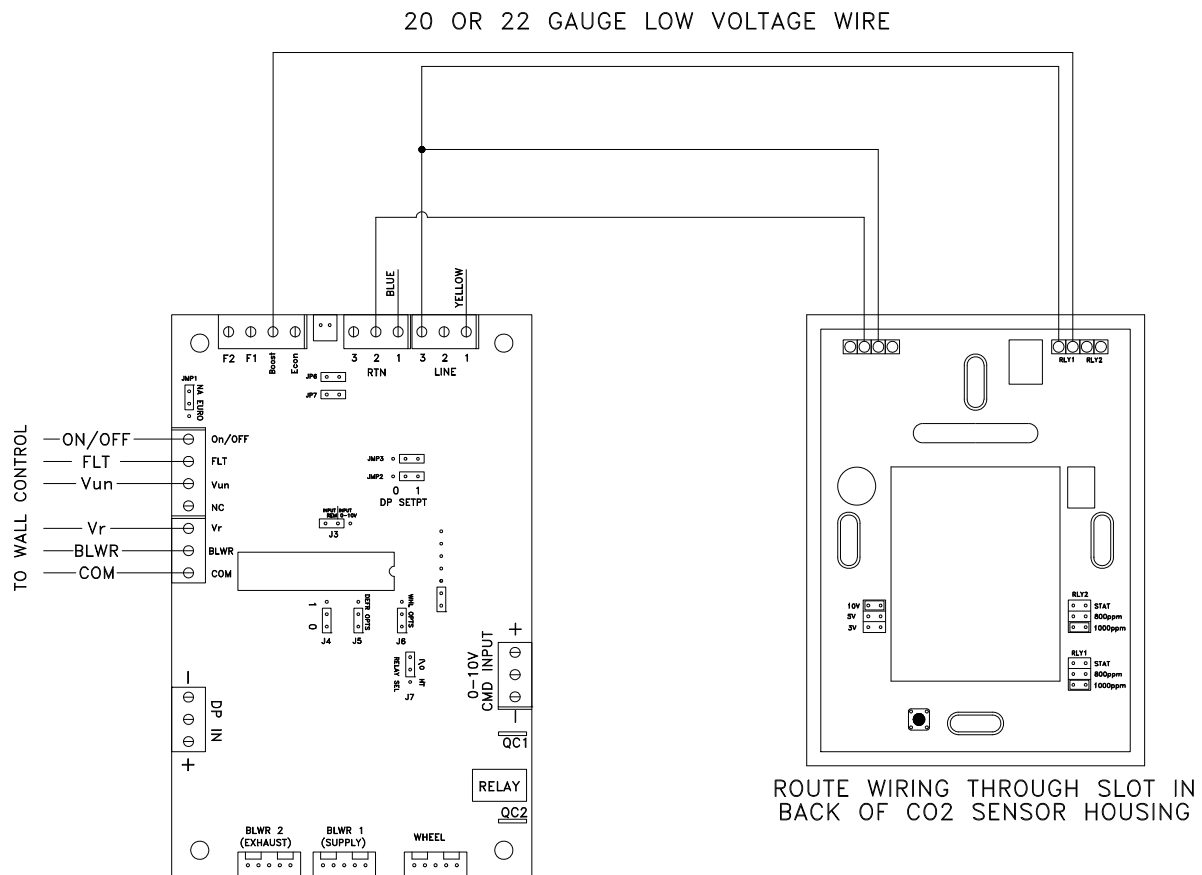


Thank you for purchasing the Carbon Dioxide (CO<sub>2</sub>) Occupancy Sensing Switch for use with your **RecoupAerator**<sup>®</sup>. In order to reduce excessive CO<sub>2</sub> levels in your home, the sensor will automatically turn the RecoupAerator on to maximum air flow (boost) when the sensor's set point has been exceeded.

The sensor is remotely located, and is wired back to the three motor controller mounted on the outside of your **RecoupAerator**<sup>®</sup> (refer to the **RecoupAerator**<sup>®</sup> manual for controller wiring). You will need to run 4-conductor wire (20/22GA) from the unit (3 motor controller, as shown below). The sensor can be wall mounted, and has a removable cover to access its mounting locations.

To use this switch it will need to be installed in a location where carbon dioxide levels may be a concern, such as areas where many people will gather or where a significant amount of time is spent. When the CO<sub>2</sub> level elevates to a concentration above the preset level, your **RecoupAerator**<sup>®</sup> will boost up to full speed to dilute the air so that CO<sub>2</sub> levels are lowered.

To preset the CO<sub>2</sub> threshold for your sensor, relocate the pull-tabbed jumper of the relay wired to the 200DX to the desired position. (See wiring diagram for details.) Jumper settings are marked 800 and 1000ppm on the electronics board within the switch. Note: This setting should be made before sensor is installed.



WIRING FOR CO<sub>2</sub> OCCUPANCY SENSING SWITCH