



UltimateAir®

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CO₂ Occupancy Sensing Switch Instruction / Installation Guide



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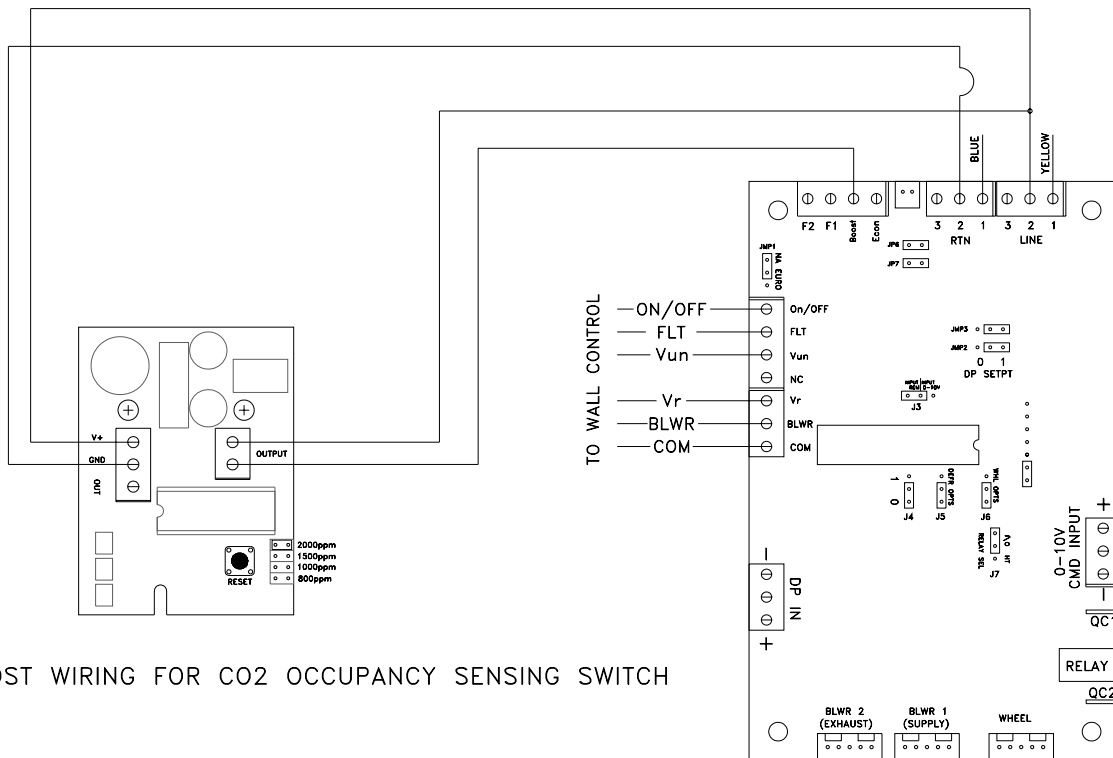
User Guide

Thank you for purchasing the Carbon Dioxide (CO₂) Occupancy Sensing Switch for use with your **RecoupAerator**®. This switch will boost your **RecoupAerator**® to high speed when CO₂ levels are elevated above desired levels.

The switch is remotely located, and is wired back to the three motor controller mounted on the outside of your **RecoupAerator**® (refer to the **RecoupAerator**® manual for controller wiring). You will need to run 4 – conductor wire (20/22GA) from the unit (3 motor controller, as shown below). The switch fits into a standard residential electrical wall box and will need to be grounded.

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 CO₂ level elevates to a concentration above the preset level, your **RecoupAerator**® will boost up to full speed to dilute the air so that CO₂ levels are lowered.

To preset the CO₂ threshold for your switch, relocate the pull-tabbed jumper to the desired position. Jumper settings are marked 800, 1000, 1500, and 2000ppm on the electronics side of the switch. *Note: This setting should be made before switch is installed.*



BOOST WIRING FOR CO₂ OCCUPANCY SENSING SWITCH