

ASENSE-R-REL ASENSE-D-REL

On Demand CO₂ Ventilation



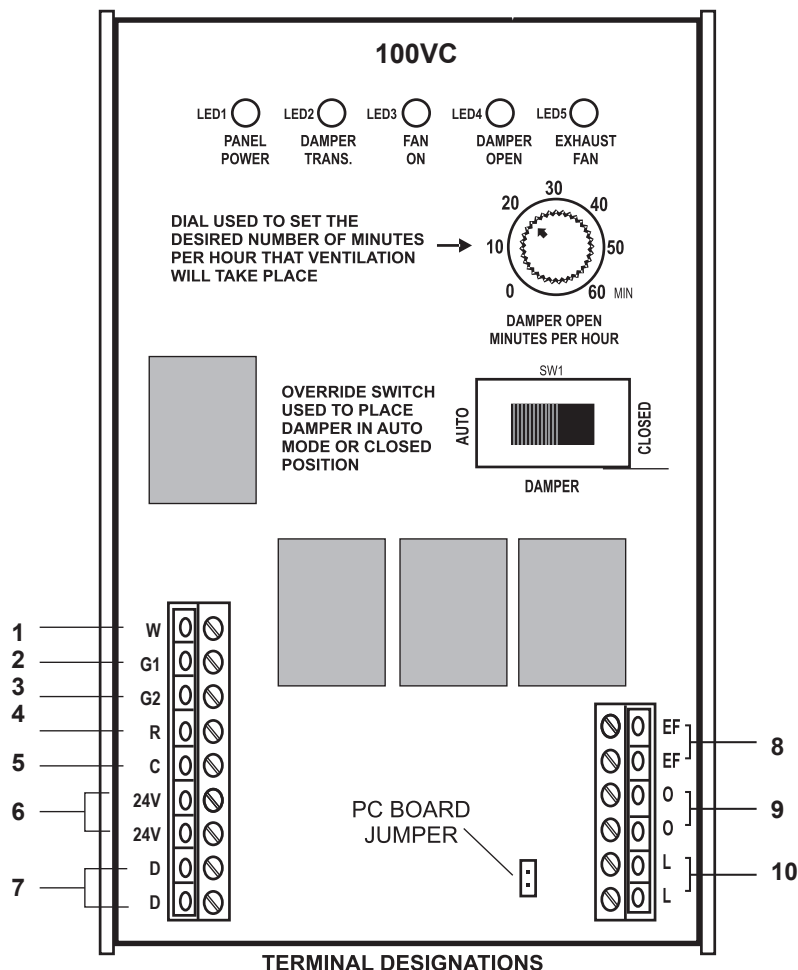
Sensors sold separately

Connecting the CO₂ sensor to the over-ride terminals on our Fresh Air Ventilation panel activates the On Demand Ventilation function to provide fresh air into areas or rooms with high concentrations of CO₂. Contact iO HVAC Controls for engineering and installation instructions and schematics.

The ASENSE room and duct transmitters monitor the carbon dioxide (CO₂) levels in industrial, school, and office type environments.

- Single beam non-dispersive infrared technology
- Relay energizes fresh air ventilation
- Combined output options of 0-5 VDC or 0-10 VDC and 0 to 20mA
- Measures the CO₂ concentration in the ambient air up to 2,000 ppm
- Limited 5 year manufacturer's warranty

FAV DIAGRAM



- 1 - WIRES TO 'W' ON THE HVAC UNIT OR 'Y' ON HEAT PUMP
- 2 - WIRES TO 'G' (FAN) ON THE THERMOSTAT
- 3 - WIRES TO 'G' (FAN) ON THE HVAC UNIT
- 4 - WIRES TO 'R' (24V HOT) ON THE HVAC UNIT
- 5 - WIRES TO 'C' (24V COMMON) ON THE HVAC UNIT
- 6 - SEPARATE 24V TO POWER DAMPER
- 7 - 24V TO DAMPER (POWER OPEN / SPRING CLOSED)
- 8 - DRY CONTACT EXHAUST FAN OPTION (N.O.)
- 9 - REMOTE DAMPER OVERRIDE OPTION (N.O.)
- 10 - OUTDOOR THERMOSTAT AND/OR HUMIDISTAT OVERRIDE OPTION (JUMPER MUST BE REMOVED)