

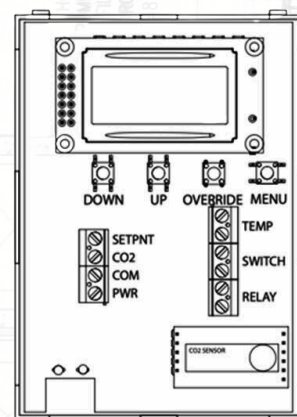
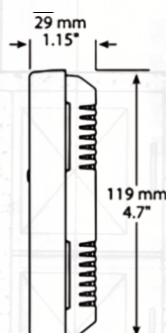
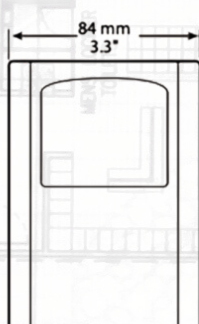
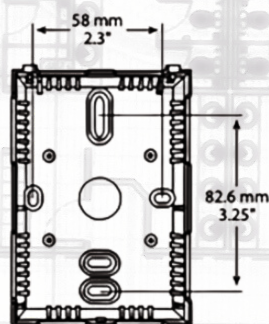
AZC-CD2R-XXX ROOM CARBON DIOXIDE DETECTOR

DESCRIPTION

The room CO₂ transmitter device uses a highly accurate and reliable nondispersive infrared (NDIR) sensor in an attractive, low profile enclosure for room applications to monitor CO₂ levels.

The sensor uses dual wavelength optics and LTA (long term adjustment) signal processing technology to deliver industry leading long-term accuracy and reliability. These technology features ensure optimum measurement stability for both periodic and constant occupancy applications, so the device is equally suitable for a classroom or a hospital room. Standard features include a field selectable output signal of either 4-20 mA, 0-5 Vdc or 0-10

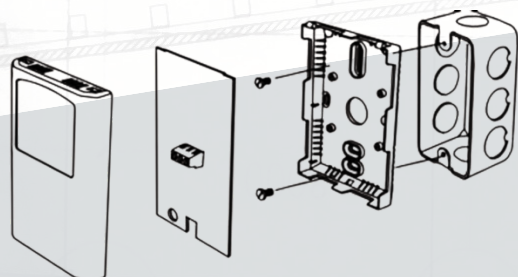
Vdc for the highest versatility, programmable CO₂ measurement span, a backlit alpha-numeric LCD and easy menu operation for configuration. Optional features include a resistive temperature sensor output (with LCD display of temperature in either °C or °F), 2 button setpoint adjustment, a control relay with programmable setpoint, hysteresis and time delay, and a dry-contact override switch.



TYPICAL INSTALLATION

For complete installation and wiring details, please refer to the product installation instructions.

The **AZC-CD2R-XXX** series can be mounted directly to a single gang electrical box or directly to a wall. The backplate includes many mounting hole configurations to allow for mounting on a variety of electrical boxes. The basic AZC-CD2R has a 3 wire configuration with a screw block terminal provided for connection to the Building Automation System.



WIRING INFORMATION

| TERMINAL | FUNCTION |
|----------|-------------------|
| SETPT | RESISTANCE OUTPUT |
| CO 2 | ANALOG OUTPUT |
| COM | COMMON |
| PWR | SUPPLY VOLTAGE |
| TEMP | RESISTANCE OUTPUT |
| SWITCH | DIGITAL OUTPUT |
| RELAY | DIGITAL OUTPUT |