

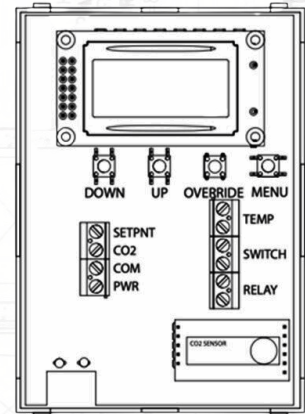
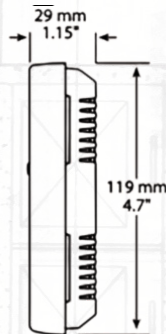
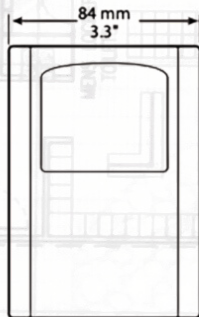
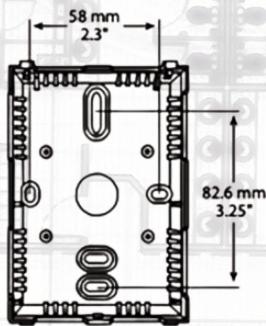


AZC-CD2R-XXX
ROOM CARBON DIOXIDE DETECTOR



DESCRIPTION

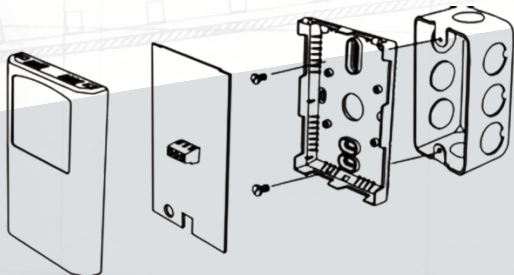
The room CO2 transmitter device uses a highly accurate and reliable nondispersive infrared (NDIR) sensor in an attractive, low profile enclosure for room applications to monitor CO2 levels. The sensor uses dual wavelength optics and LTA (long term adjustment) signal processing technology to deliver industry 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