

# CO2 Monitor Controller for Mushroom Farms and Growers

- **Accurate CO2 Control**
- **Simple to Install and Use**
- **Easy Fresh-Air Calibration**

The CO2 Monitor & Controller for Mushroom Farms and Growers automatically exhausts grow room air when carbon dioxide (CO2) levels get too high.

The CO2 Monitor & Controller for Mushroom Farms and Growers lets you set a target CO2 level. Using advanced hysteresis logic, when the CO2 level in the grow room goes above the target, power is supplied to an exhaust fan via the built-in 100-240 VAC 5A piggyback power cord. When the CO2 level drops below the target, the power is turned off.

Need to monitor CO2 levels remotely? An industry-standard 4-20mA analog output lets you monitor CO2 levels from most environmental control panels.

Best of all, the CO2 Monitor & Controller is easy to install and use. Simply mount the unit inside your grow room, (all cables and hardware included), plug it into a standard wall jack, plug in your exhaust fan, and it is ready to protect your crop from high levels of CO2.

## Features

- Large digital LCD display clearly indicates the current CO2 level and temperature
- Easy to read display with all functions set from 3 push buttons
- Power, Target CO2 level, and exhaust power on verification LEDs
- IP54 case resistant to dust and water splashing
- Easy fresh air calibration, automatic altitude compensation



## Specifications

- Measurement Range: 0-10,000ppm
- NDIR CO2 Sensing Technology
- Accuracy:  $\pm 70$ ppm or  $\pm 5\%$  CO2
- Sensor Response Time: < 2 minutes
- Operating Temperature: 32° to 122° F
- 4-20mA Analog Output
- Calibration: In situ with Fresh Air
- Sensor Life Expectancy: 15 years

**Part no. RAD-0501A**