



CO2 CONTROLLER FOR MUSHROOM FARMS

RAD-0501A

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

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, upper limit, lower limit and photo sensor verification LEDs.
- Non-UV emitting LED's which means no interference with the grow cycle
- IP54 enclosure - cover during cleaning or washdown

SPECIFICATIONS

- **Measurement Range:** 0-10,000 ppm
- **Sensing Method:** NDIR
- **Accuracy:** ± 70ppm or ± 5% CO2
- **Sensor Response Time:** < 2 minutes
- **Operating Temperature:** 32°-122° F
- **Calibration:** With fresh air
- **Sensor Life Expectancy:** 15 years
- **Default Settings:**
 - Low Setting: 800ppm
 - High Setting: 1500ppm
- **Max Coverage Area:** 1000- 1500 sq.ft. with proper air handling

ELECTRICAL

- **Power Supply:** 110VAC Grounded – *US Plug Only*
- **Power Consumption:** 2 Watts
- **Piggyback Cable:** Peak Current <5A @ 250 VAC, SPST
- **One Relay Output:**
 - Peak Current < 5A @ 250 VAC, SPST.
 - Normally Open

ADDITIONAL

- **RAD-0501 - Day Night CO2 Monitor & Controller for Greenhouses**
- **RAD-0501E - Day Night CO2 Monitor & Controller for Greenhouses - European Model**

INDUSTRIES



The CO2 Controller for Mushroom Farms is used for mushroom grow facilities.

TYPICAL INSTALLATION

