



DAY NIGHT CO2 MONITOR AND CONTROLLER FOR GREENHOUSES

RAD-0501

The Day/Night CO2 Controller can be used in greenhouses, grow rooms, hydroponics rooms and other places where elevated carbon dioxide levels are used to maximize plant growth.

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.
- IP54 case resistant to dust and water splash.

SPECIFICATIONS

- **Measurement Range:** 0-10,000 ppm
- **Sensing Method:** NDIR
- **Accuracy:** $\pm 70\text{ppm}$ or $\pm 5\%$ CO2
- **Sensor Response Time:** < 2 minutes
- **Operating Temperature:** 32°-122° F
- **Calibration:** With fresh air (400 ppm)
- **Sensor Life Expectancy:** 15 years
- **Max Coverage Area:** 1,500 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

- PRT-0346 - CO2 Tank Regulator with Solenoid Valve
- RAD-0501A - CO2 Controller for Mushroom Farms & Growers
- RAD-0501E - Day Night CO2 Monitor & Controller for Greenhouses - European Model

INDUSTRIES



The Day Night CO2 Monitor and Grow Controller is used for tomatoes, lettuce, flowers, cannabis, and agricutlure applications.

TYPICAL INSTALLATION

