

CO₂ CONTROLLER FOR MUSHROOMS



Your #1 Mushroom Farm CO₂ Control Solution

The CO₂ Controller for Mushrooms is designed to monitor and exhaust farm air when CO₂ levels get too high and protect mushroom's from high concentrations. After the growth becomes evident, the optimum requirements change. Farmers typically need to maintain CO₂ concentrations between 800 to 1500ppm, depending on the nature of the mushroom. You can ensure that your crop never exhausts their supply of CO₂ and grows at their maximum potential under optimized conditions.

Features

- Controls up to 2 zones (for small or large facilities)
- Accurate CO₂ Control for Optimized Mushroom Growth
- 2 states of CO₂: shows the CO₂ status in HVAC mode
- Customize your CO₂ setpoints for high or low levels
- Versatile mode for mushroom or greenhouse applications
- 2 Relays that are user configurable
- Customized graph data display
- Easy fresh air calibration

Accessories

- **RAD-0502-S** | Sensor Replacement
- **SV-1029** | 3/8 inch Shut Off Valve
- **SV-1030** | 1/2 inch Shut Off Valve

Applications



**Greenhouses/
Indoor Grow Rooms**



**Cultivation
Facilities**



Hydroponics



**Mushroom
Farms**

TECHNICAL DATA

Indoor CO₂ Grow Controller and Sensors

CO₂ Measurement Range	0-3,000ppm
CO₂ Measurement	NDIR (Non-dispersive Infrared)
Accuracy	0-2,000ppm: ±70ppm or ±5% of reading whichever is greater
Operating Temperature	-20°C - 60°C (-4°F - 140°F)
Target Gas Ranges	0-3,000ppm
Measurements	Requires 1 liter per minute of constant flow per channel
Resolution	1ppm @ 0-1,000ppm ; 10ppm above 1000ppm
Response Time	<2 minutes for 63% response to step change
Relays	2 relays, either (Normally Open) NO or (Normally Closed) NC
Sensor Life Expectancy	>10 years
Sensor Cables	2x CAT5e Cables - 24' ft long
Dimensions	4.96 x 6.70 x 2.65 inches

Electrical and Mechanical Specifications

Power Consumption	1 W max @ 115 VAC 60 Hz 2 W max @ 230 VAC 50 Hz
Peak Current	<5A @ 250 VAC, SPST
Power Supply	12/24 VC



SCAN THE QR CODE
TO LEARN MORE



Call 1.877.678.4259
Email Sales@CO2Meter.com | Support@CO2Meter.com
Web CO2Meter.com

Let's Get Social – @CO2Meter on:

