



CO2 CONTROLLER FOR MUSHROOM FARMS & GROWERS

Maximize Growth With the CO2 Controller for Mushroom Farms

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.

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 - no interference with the grow cycle
- IP54 Enclosure - cover during cleaning or wash
- Default settings: Low Set Point - 800 ppm. High Set Point -1,500 ppm

Applications



**Greenhouses/
Indoor Grow Rooms**



**Cultivation
Facilities**



Hydroponics



**Mushroom
Farms**

TECHNICAL DATA

CO2 Controller for Mushroom Farms & Growers

CO₂ Measurement Range	0-10,000 ppm
CO₂ Measurement	NDIR (Non-dispersive Infrared)
Accuracy	± 70ppm or ± 5% CO ₂
Response Time	< 2 minutes
Operating Temperature	32° to 122° F
Calibration	In-situ with fresh air
Connections	One Relay output, Peak Current < 5A@ 250 VAC, SPST. Normally Open
Sensor Life Expectancy	15 years

Electrical and Mechanical Specifications

Power Supply	110VAC Grounded US Plug Only
Power Consumption	2 Watts Maximum
Piggyback Cable	Peak Current < 5A @ 250 VAC



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