

Hotbox

# CO2 Monitor & Controller

## Carbon Dioxide Monitor & Controller



- Accurate and long life time NDIR CO2 measuring
- External CO2 sensor to be used in closed space
- Display real time CO2 value
- Display CO2 chart with variable time zoom levels
- Max. /Min. recall function
- Programmable CO2 zone value & CO2 center value to control output power on/off
- Audible alarm warns CO2 concentration
- Target zone indicator
- Built-in Day/Night auto detection to override CO2 control
- Monitoring & Controlling CO2 value in Green house. Residential and commercial building



Metric/  
Imperial



MAX/  
MIN



LED  
Alarm



Relay



Buzzer  
Alarm



Backlight

Hotbox

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## Technical Specifications

<b>Measuring range</b>	
<b>CO2</b>	00~5000 ppm
<b>Resolution</b>	1ppm (0-1000); 5ppm (1000-2000); 10ppm (>2000)
<b>Accuracy</b>	
<b>CO2 below 2000ppm</b>	±50ppm ±5% of reading
<b>CO2 above 2000ppm</b>	<±10% of reading
<b>Warm-up time</b>	30 seconds
<b>Response time</b>	
<b>CO2</b>	<30 seconds for 90% of step change
<b>LCD size</b>	47 x 104 mm
<b>Meter size</b>	158 x 106 x 50 mm
<b>Sensor size</b>	124 x 33 x 26 mm
<b>Operating condition</b>	0~50°C, 5~95% RH (avoid condensation)
<b>Storage condition</b>	-20~60°C, 5~95% RH (avoid condensation)
<b>Power supply</b>	AC100~240VAC
<b>Piggyback socket load</b>	5A@250VAC; 10A@120VAC
<b>Weight</b>	700g
<b>Standard package</b>	Sensor unit, monitor & controller unit, manual screws

## Application:

For green house, highly accurate digital CO2 controller measures the carbon dioxide level in the grow room and automatically turns off the CO2 device to accurately keep the carbon dioxide PPM at the desired level.

For home use, measure the carbon dioxide level in closed space and automatically turns on/off ventilation system to get good air quality.

## Ordering Code

VZ7530AZ, CO2 controller in USA plug

VZ7530AZE, CO2 controller in EU plug

VZ7530AZU, CO2 controller in UK plug

VZ7530AZA, CO2 controller in AU plug



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