User Guide

GARDEN CONTROLS

CO₂ CONTROLLER

The Garden Controls CO2 Controller will control any CO_2 generator or regulator to maintain the grow room CO_2 level around set point value.

Setting the CO₂ value

Set the **CO₂ PPM** knob between 500 ppm and 1500 ppm to wanted value.
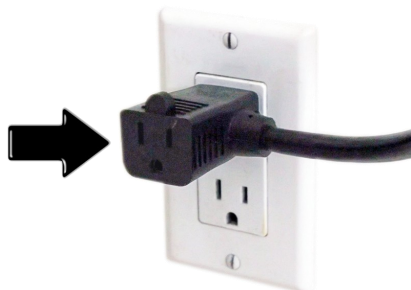
Calibrating the CO₂ sensor

IMPORTANT NOTICE: this procedure SHALL NOT be completed with new controllers, but only <u>when recommended by Grozone customer service</u>.

To Calibrate your CO₂ Controller you have to:

- Unplug the unit.
- Bring the unit outdoor and wait 5 min.
- Turn the knob at "**cal**" position (fully clockwise).
- Plug the unit. The output indicator will begin to flash at 1/2 sec ON - 1/2 sec OFF rate.
- Within 8 seconds you have to complete these 2 steps:
  1. turn the knob fully counterclockwise at "**OFF**": the indicator will stop flashing,
  2. turn the knob fully clockwise at "**cal**": the indicator will start flashing again at 1/2 sec ON - 1/2 sec OFF rate for about 30 seconds until the calibration process starts.
- At any time during this 30-second delay you can exit calibration by turning the knob **outside "cal"** position.
- When the 30-second delay has elapsed, the indicator starts flashing at faster rate (1/4 sec ON 1/4 sec OFF), meaning the calibration process has started. This process will last between 15 and 150 seconds.
- If the calibration has completed successfully, the unit will reboot and the 30-second initial delay will restart, with the indicator flashing at 1/2 sec ON - 1/2 sec OFF rate. From then, you can unplug the unit and bring it back to your grow room.

Plug equipment into the **output socket** on piggy back cord.

The **OUTPUT** indicator is lit only when power is supplied to the **output socket**.

Electrical Specifications
Load: 120V 5A Max

The **LIGHT SENSOR** serves as Day/Night detector. **CO₂** enrichment is performed during the day only.

For Warranty & Customer Service
Please visit www.gardencontrols.com or contact us
at (855) 262-1800 or at info@gardencontrols.com