

## TROUBLESHOOTING THE USCO2 GROZONE CO<sub>2</sub> CONTROLLER

Procedure Name: USCO2-V2

### 1 – BEFORE YOU START

**\* IMPORTANT: PLEASE READ AND FOLLOW THESE INSTRUCTIONS BEFORE STARTING THE TEST.**

- ❖ LIGHTING: Perform this test in a room with enough light for the controller to detect a DAY condition. A dark location should be avoided.
- ❖ The room where the test is performed should have a low CO<sub>2</sub> reading. ( If CO<sub>2</sub> reading seems erratic, please refer to the “**calibration section**” of the user guide)
- ❖ You will need a lamp or night light to perform the test.
- ❖ Adjust Set point to 1500 PPM. (Refer to user guide for instruction)

### 2 – TEST

| STEP | ITEM                   | HANDLING AND TEST DESCRIPTION   | EXPECTED RESULTS  |
|------|------------------------|---|---|
| 1    | LED's                  | -Plug in the controller into an electrical outlet   | All 4 LEDs turn ON for 3 seconds then the 3 LEDs on the left side will flash for 30 seconds.            |
| 2    | Button                 | - Press the button for 3 seconds and release.<br><br><i>*Release button before 5 seconds*</i> | 3 LEDs on the left side will flash.   |
| 3    | CO <sub>2</sub> Sensor | - Plug a lamp into the controller output  | Only the bottom LED should be ON or flashing. The lamp should turn ON immediately.                      |
| 4    | Photocell              | - Cover the photocell<br>- Uncover the photocell  | The output light indicator and lamp will turn OFF.<br>The output light indicator and lamp will turn ON. |
| 5    | 120V output            | - Blow near the controller to raise up the CO <sub>2</sub> level above 1500 PPM.              | The output light indicator and lamp will turn OFF   |

| Step | <b>USCO2, CO2 SENSOR CALIBRATION</b>   |
|------|--|
| 1    | Place the controller outdoor.  |
| 2    | Hold the button for a minimum of 10 seconds. The 3-LED display blinks at a rate of 1 pulse per second.   |
| 3    | After 10 seconds, the 3-LED display will stop blinking. Release the button.<br>The 3-LEDS display will blink 3 times to confirm the calibration has been successful. Unit returns to normal operation. |