

Notes:

1 Square = 1 Foot



TITAN[®]
CONTROLS

ATLAS 3[™]

CO2 Controller Instruction Manual



Step 1: Connecting the Equipment

- Place Controller on a wall at plant level.
- Connect one end of the detachable power cord into a 120 V outlet and the second end into the power input and connector on the left side of the unit.
- The Controller warms up for 30 seconds before displaying a valid CO2 level.
- Plug the CO2 generator into the 120V outlet also on the left side of the unit.

Step 2: Setting high value

- Click knob and turn to set high ppm value.

Step 3: Setting low value

- Click knob and turn to set low ppm value.

Step 4 Setting operating mode

- Click knob and turn to select your setup

F11: CO2 enrichment – day only

F12: CO2 enrichment – night only

F13: CO2 enrichment – day & night

F14: CO2 exhausting – day only

F15: CO2 exhausting – night only

F16: CO2 exhausting – day & Night

- Click knob to return to CO2 display.

Calibration of CO2 sensor

- Important Notice: This step is not required for a new unit (factory calibrated). Verify CO2 sensor precision by exposing your unit to outdoor air every 6 months (correct value stands between 300 and 500 ppm). If you need to calibrate the sensor, please follow these instructions. At any time before the last step, the calibration can be cancelled, causing the controller to return to normal operation.

- o 1 – IS CALIBRATION NEEDED? Expose your Controller to outdoor air for a minimum of 5 minutes, fresh air being used as a reference. If the value on screen is around 350 to 450 ppm, YOU DO NOT NEED TO RECALIBRATE YOUR UNIT.
- o 2 – CALIBRATION IS NEEDED : Click knob repeatedly until “Set Up/Calibration” indicator turns ON.
- o 3 – Press knob and keep it pressed for about 5 seconds, until light indicator begins to flash and “CAL” appears on screen.
- o 4 – Let button go, “CO2 CAL” appears on screen, click knob again, then 400 will appear on screen to remind you that you need to place the unit in fresh air before starting the calibration. If your controller is not in fresh air condition, just click knob to abort calibration.
- o 5 – STARTING CALIBRATION : press knob and keep it pressed for at least 5 seconds, until “CAL” shows up on screen, then let button go.
- o 6 – Automatic calibration will take a few seconds to complete: “CAL GOOD” will appear on screen for 5 seconds, and controller will return to normal operation automatically.

WARRANTY SERVICE: Please read warranty information first

If after reviewing the troubleshooting tips the unit will still not work, you should return it to the Dealer where you purchased the controller. They will be able to further evaluate the unit and test its various components and quite possibly will be able to identify and/or fix any problems. If the Dealer is unable to fix the unit, they will return it to us for factory repair.

If there are no Dealers in your area, you may contact us directly for technical support. If we cannot help you resolve the problem over the phone, we will issue you a RMA # (return merchandise authorization) authorizing you to return the unit to us for factory reconditioning (if the unit is under warranty). Contact the number below for a RMA and shipping address. Complete the form below and include it with your unit. Also please write the RMA # on the outside of the box.

Please package the unit in its original packaging. If it is damaged in shipment we cannot be responsible.

Once we receive the unit back, we will repair or replace the controller within 48 hours (business) and return it to you freight prepaid via FedEx or UPS ground shipment.

Include the following if returning directly to Titan Controls

- Proof of purchase
- This completed form
- RMA # on the outside of the box

Return Merchandise Authorization Number (Required)

Company Name: _____

Contact Name: _____

Address: _____

Phone #: _____

Email address: _____

What is the nature of the problem? _____

Send to your nearest location – shipping address will be given when the RMA # is issued:



www.titancontrols.net

For technical assistance call us at 1-888-80-Titan or 1-888-808-4826.