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The Genesis Formula™ Pure Elemental Fertilizers  
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- Safety Instructions**
- Mount the unit on a wall or support structure.
  - Do not operate unit when wet and keep unit out of direct sprays from foliar applications or irrigation moisture.
  - Unit *not* intended for outdoor use
  - Do not service unit yourself. Breaking factory seal will void all warranties.
  - If using an extension power cable, do not exceed 25 feet in length, and ensure the total amperage rating of the equipment plugged in to the extension cable does not exceed the amperage rating of the cable.
  - Do not insert objects into the vents on the sides of the chassis. Doing so could short out the interior components and create a safety hazard.

- Features**
- Dual Day and Night Cooling Thermostats (CT) 10-110°F (-12-43°C)
  - Synchronized outlets
  - Coordinates CO2 enrichment with ventilation
  - Photo sensor to defeat CO2 enrichment during periods of darkness
  - Anodized, black, aluminum chassis resists corrosion & scratching
  - Red, illuminated power switch
  - Operates on 115 VAC with 15 Amp switching capacity
  - Manufactured in Oregon, USA

**Optional Temperature Sensors**  
External Coil or 10-foot Remote Bulb temperature sensors are available for the CT-CT-3P. These options are indicated with an "X" for External Coil or "R" for the Remote Bulb following the model number (CT-CT-3PX or CT-CT-3PR). The "X" and "R" sensors have a narrower 3° differential, which means your exhaust equipment will operate more frequently.

**Photo Sensor**  
This controller is manufactured with a built-in photo sensor to defeat the CO2 equipment (left side) outlets during darkness periods, indicated with a "P" suffix (CT-CT-3P).

**General Application**  
Recommended for indoor use only.  
While this controller has many applications, it was primarily developed for use with CO2 equipment and exhaust fans. Internal sensors will allow a 7° temperature comfort zone (3° with External Coil or Remote Bulb), between the time the fans go off and come back on again. When the DAY or NIGHT temperature reaches the set points on the dials an internal relay will defeat (shut off) the CO2 outlets and activate the exhaust/cooling outlets. The exhaust fan(s) will run until the temperature drops 7° and then shut off, reactivating the CO2 outlets again.

**Description**

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**Parts List**

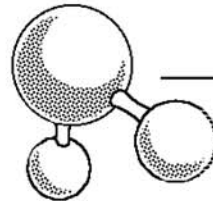
- 1 CT-CT-3P or other CT-CT-3P special order unit
- 1 Quick Start Instructions
- 2 #6, 1" Pan Phillips-head Tapping Screw for wall mounting
- 2 E-Z Anchors for dry-wall mounting

**Specifications**

- Thermostat Range ..... 10-110°F (-12-43°C)
- Thermostat Differential .... 7° [3° with External Coil (X) or Remote Bulb (R)]
- Operating Temperature ..... 10-120°F (0-50°C)
- Operating Humidity ..... Non-Condensing Environment (0-99% RH)
- Voltage Input ..... 115 VAC
- Voltage Output ..... 115 VAC
- Max Amperage Rating ..... 15 AMPS
- Frequency ..... 50/60 Hz
- Dimensions: W x H x D ..... 7in x 5in x 3.1 in (18cm x 13cm x 8cm)
- Power Cord ..... 6ft, 14 awg, 3-conductor, SJTW rated

**Two Year Limited Warranty**

Green Air Products, Inc. guarantees that this equipment will perform as implied for the purpose it is intended. Green Air Products warrants the original purchaser of this equipment against defects in mechanical parts and workmanship for 2 years. At our option we will repair or replace defective equipment. Warranty service is only performed at the factory or authorized service center. Any usage contrary to specified application or alterations of original construction will void warranty obligations. For further warranty information contact your dealer or Green Air Products, Inc. service department.



**Quick Start Instructions**  
**Atmospheric Controller**

**CT-CT-3P**



**THE ELEMENTS FOR SUCCESS FOR OVER 20 YEARS**

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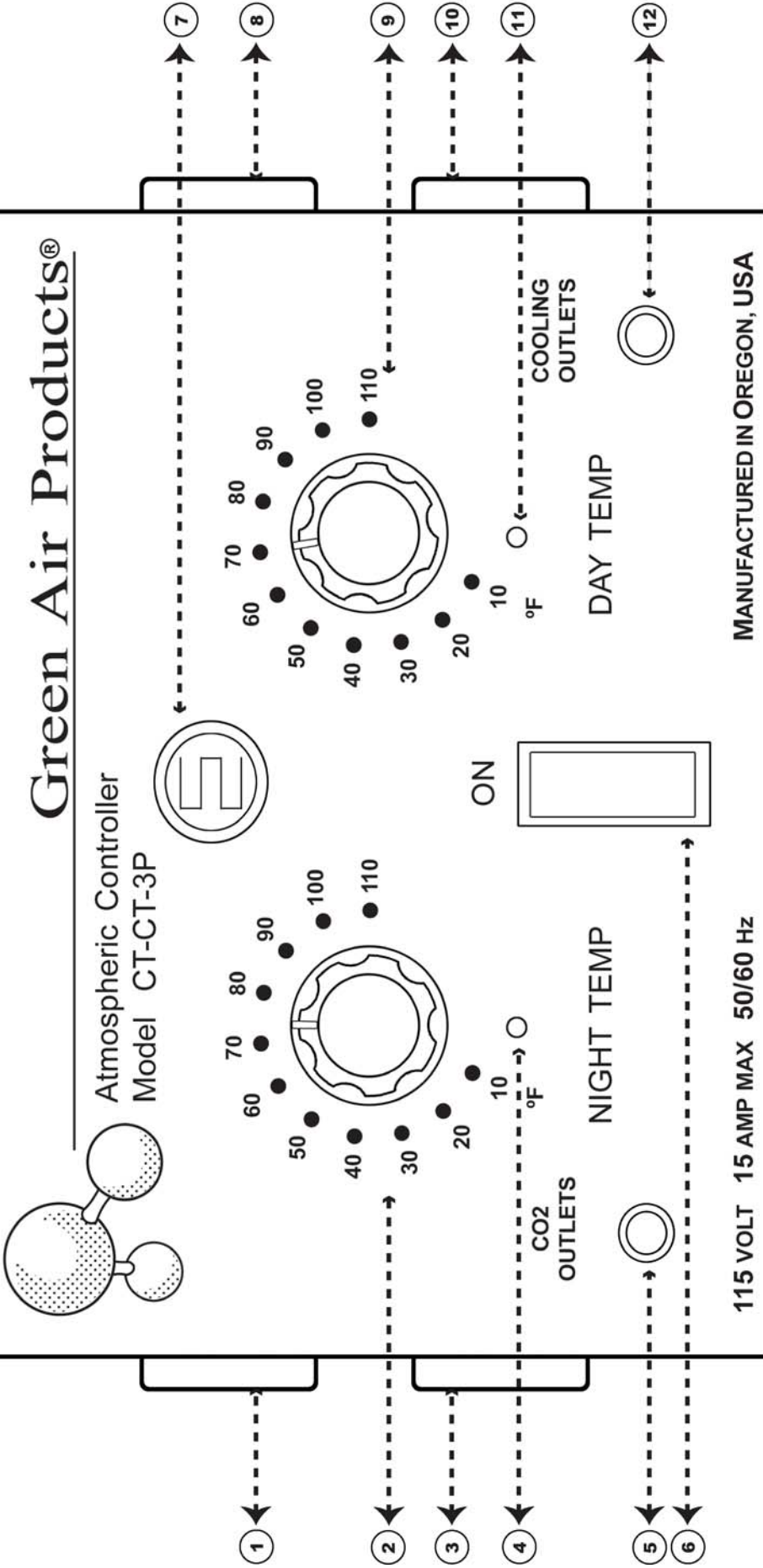
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**Dual Day and Night Cooling Thermostats**



# Green Air Products®

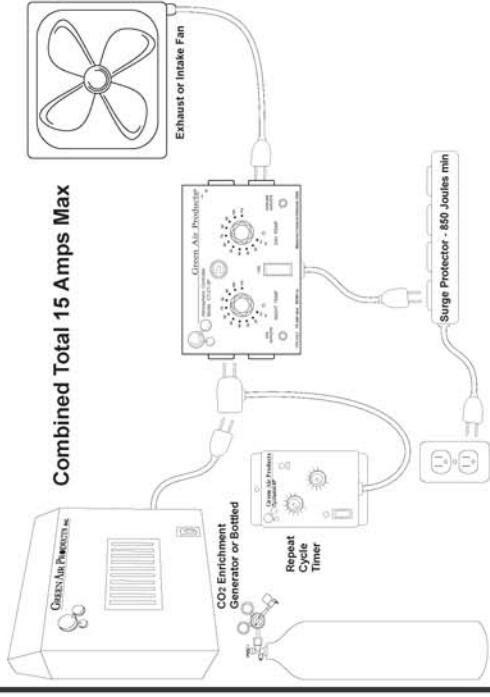
Atmospheric Controller  
Model CT-CT-3P



## Quick-Start Installation

1. Plug the controller in to a surge protection unit (min 850 Joules).
2. Adjust "COOLING" dials (2 & 3) to desired temperature settings.
3. Plug CO2 equipment into left outlets (1 & 3); these are normally "ON".
4. Plug exhaust and/or intake fans into right side outlets (8 & 10); the CO2 outlets (left side) are defeated ("OFF") whenever these exhaust outlets are active.
5. Turn controller on using red "ON/OFF" switch (6).
6. Allow 2-5 minutes for photo sensor to adjust to light conditions in your garden.

The diagram shows the typical installation and independent functions of the CT-CT-3P for CO2 enrichment and independent intake fan operation.



- 1 **Synchronized CO2 or Auxiliary Equipment Outlet** - Plug in and control CO2 enrichment or auxiliary equipment; outlet is active (normally "ON") until the temperature exceeds the set point. This outlet is then defeated (turned "OFF") and the cooling outlets (8 & 10) will activate (turn "ON"). When the cooling function is complete, this outlet will turn back "ON" and continue CO2 enrichment. This outlet is synchronized with (3) and is completely deactivated by the photo sensor cell during periods of darkness (See (7) for more details).
- 2 **Night Cooling Thermostat Dial (Knob)** - Set this dial to maximum desired temperature (set point) to activate and deactivate fans or ventilation equipment plugged into outlets (8) or (10).
- 3 **Synchronized CO2 & Auxiliary Equipment Outlet** - This outlet is synchronized with (1).
- 4 **Thermostat Calibration Hole** - Access the thermostat calibration trim screw through this hole; Contact Green Air Products Technical Support if you want more details.
- 5 **CO2 Equipment Indicator Light** - When lit, CO2 and other equipment plugged into the left side outlets are active ("ON").
- 6 **ON/OFF Switch** - Use this red switch to turn the unit "ON" or "OFF".
- 7 **Photo Sensor Cell** - Deactivates (turns "OFF") outlets (1) and (3) only during periods of darkness. Sensor also switches controller from DAY TEMP settings to NIGHT TEMP settings. Allow photo sensor 2-5 minutes to adjust and then react to changes in light intensity.
- 8 **Synchronized Exhaust or Intake Fan Outlet** - Designed to activate (turn "ON") the exhaust and/or intake fans when the temperature rises above desired settings. When this outlet is active ("ON"), CO2 production is defeated (outlets (1) and (3) are "OFF").
- 9 **Day Cooling Thermostat Dial (Knob)** - Set this dial to maximum desired temperature (set point) to activate and deactivate fans or ventilation equipment plugged into (8) or (10).
- 10 **Synchronized Exhaust or Intake Fan Outlet** - This outlet is synchronized with outlet (8). See description (8) for details.
- 11 **Thermostat Calibration Hole** - Access the thermostat calibration trim screw through this hole; Contact Green Air Products Technical Support for more details.
- 12 **Exhaust Fan Indicator Light** - When lit, exhaust fans or other equipment plugged into the right side outlets are active ("ON").



**Do you have questions? Do you need technical assistance?**  
**CALL US: (800) 669-2113**