



- Features**
- Two thermostats - one for desired day (light) temperature and one for desired night (dark) temperature 10-110°F (-12-43°C)
 - Built with a photo sensor to automatically switch from day to night settings
 - 4 synchronized outlets to coordinate other equipment with cooling or ventilation
 - Anodized, black, aluminum chassis resists corrosion & scratching
 - Red, illuminated power switch
 - Operates on 115 VAC with 15 amp switching capacity
 - Optional "External Coil (X)" or "Remote Bulb (R)" sensors also available
 - Manufactured in Oregon, USA
- Safety Instructions**
- Mount 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.
 - This unit is *not* intended for outdoor use.
 - Do not service unit yourself. Breaking factory seal will void all warranties.
 - 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.
 - If using an extension power cable (cord), do not exceed 25 feet in length, and ensure the total amperage rating of the equipment plugged in to the extension cord does not exceed the amperage rating of the cord.

Optional Temperature Sensors - Special Order Units

"External Coil" or a 10-foot "Remote Bulb" temperature sensors are also available for the CT-CT-1P. These options are indicated with an "X" for External Coil or "R" for the Remote Bulb following the model number (CT-CT-1PX). The "X" and "R" sensors have a narrower 3° differential, which means your equipment will turn "ON" and "OFF" more frequently.

Photo Sensor

The CT-CT-1P is built with a photo sensor to automatically switch from the day (light period) temperature setting to the night (dark period) temperature setting.

General Application

Recommended for indoor use only.

The CT-CT-1P atmospheric controller was designed with two thermostats to allow one temperature during the day (light period) and a different temperature at night (dark period). Internal sensors will allow a 7° temperature comfort zone (3° with External Coil or Remote Bulb). For example, with the day temperature set at 80°F, the control will activate when the temperature exceeds this setting. The cooling equipment plugged into the controller will run until the temperature hits 73°F, then it will deactivate until the temperature exceeds 80°F again.

Description

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Parts List

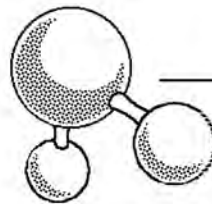
- 1 CT-CT-1P or other CT-CT-1P special order unit
- 1 Quick Start Instructions

Specifications

- Thermostat Range 10-110°F (-12-43°C)
- Thermostat Differential 7°; 3° with External Coil (X) or Remote Bulb (R)
- Operating Temperature 32-120°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 (17.8cm x 12.7cm x 7.9cm)
- Power Cord 6ft, 14 awg, with 3 connectors, 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 two (2) years and electrical parts for 90 days. 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 service department.



Quick Start Instructions
Atmospheric Controller

CT-CT-1P



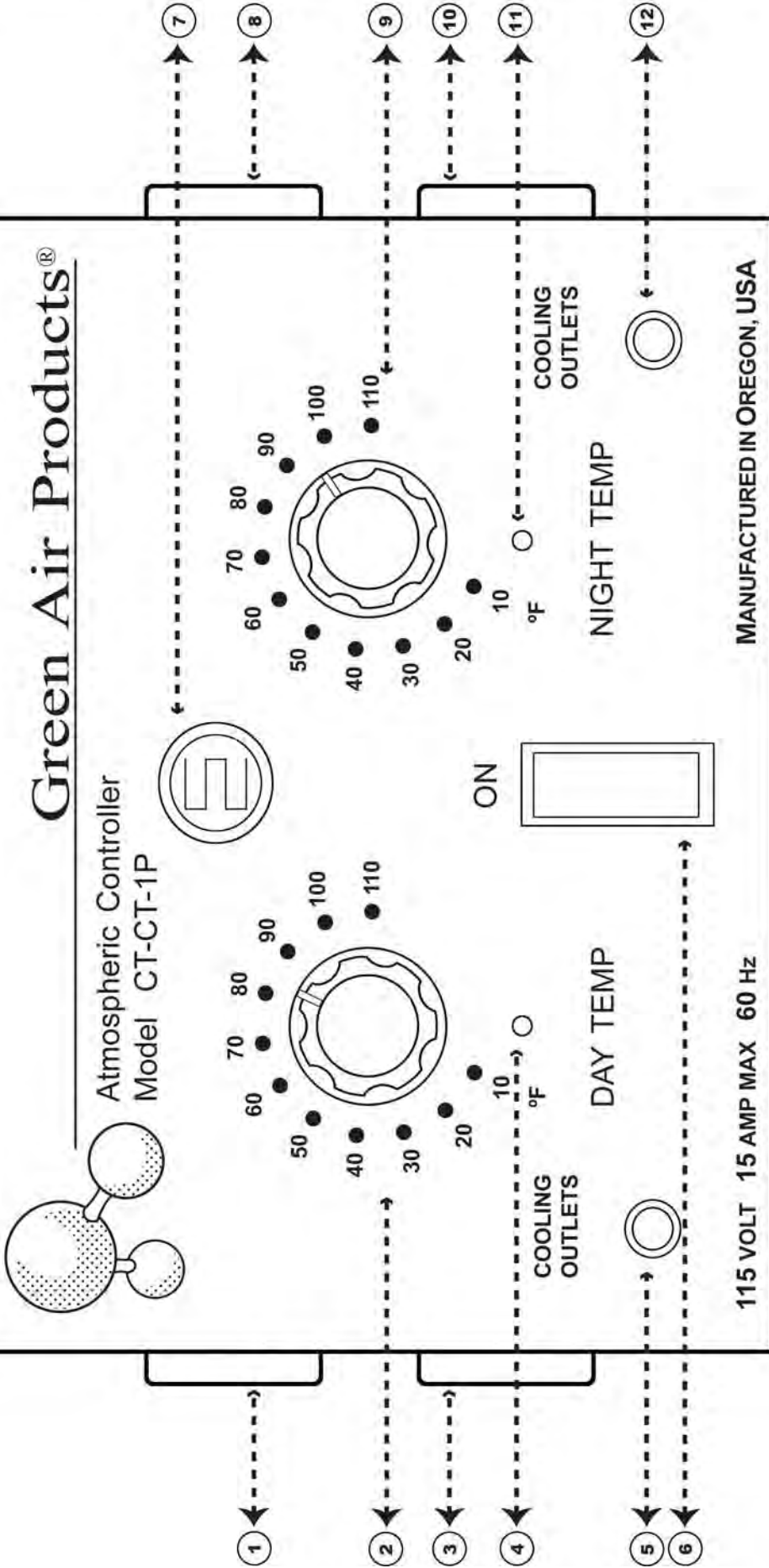
Dual Day-Night Cooling Thermostats

THE ELEMENTS FOR SUCCESS FOR OVER 20 YEARS

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Green Air Products®

Atmospheric Controller Model CT-CT-1P

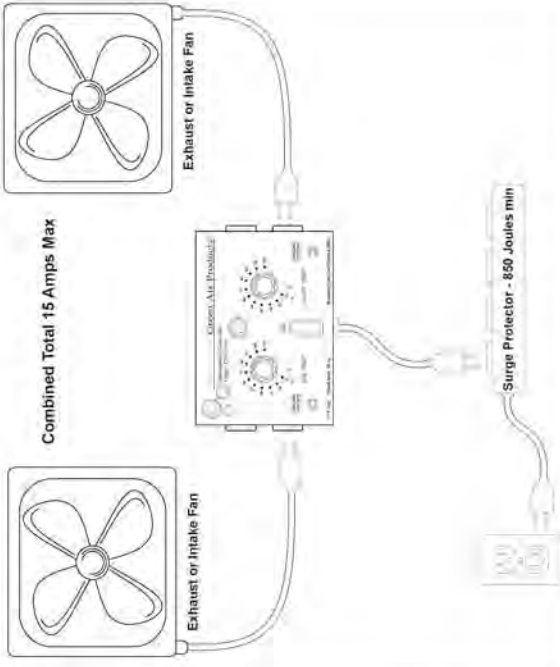


MANUFACTURED IN OREGON, USA

Quick-Start Installation

1. Plug the controller in to a surge protection unit (minimum 850 Joules).
2. Adjust DAY TEMP and NIGHT TEMP dials to desired temperature settings.
3. Plug exhaust or intake fans and/or cooling systems into outlets (1, 3, 5 & 10) or any other equipment you want to synchronize with cooling.
4. Turn controller on using red "ON/OFF" switch (11).
5. Allow 1-5 minutes for photo sensor to adjust to light conditions in your garden.
6. Also allow the controller at least 1 hour to climatize or adjust to the temperature conditions in your environment.

The diagram shows the typical installation and function of the CT-CT-1P for exhaust fan, intake fan or cooling system operation.



- 1 **Integrated Fan or Cooling System Outlet** - Plug in and control circulation fans, exhaust fans, cooling systems or other equipment you want to integrate with cooling. When the temperature in your environment exceeds the set point on the cooling dial (DAY TEMP or NIGHT TEMP settings), this outlet will turn "ON" activating equipment plugged into it. This outlet is integrated with outlets (3, 5 & 10) (i.e. all four outlets will turn "ON" and "OFF" at the same time when triggered by the temperature settings on the cooling dials).
- 2 **Day Cooling Thermostat Dial (Knob)** - Set this dial to maximum desired temperature (set point) to activate and deactivate fans or ventilation equipment plugged into any of the four outlets during light periods.
- 3 **Integrated Outlet** - This outlet is integrated with outlets (1, 5 & 10). See description (1) for details.
- 4 **Day Cooling Thermostat Calibration Hole** - Access the thermostat calibration trim screw through this hole; Contact Green Air Products Technical Support if you want more details.
- 5 **Cooling Outlet Indicator Light** - When lit, exhaust fans or other equipment plugged into any of the outlets are active ("ON"). This light is integrated with (12).
- 6 **ON/OFF Switch** - Use this red switch to turn the unit "ON" or "OFF".
- 7 **Photo Sensor Cell** - This sensor switches the controller from DAY TEMP settings to NIGHT TEMP settings. Allow the photo sensor 1-5 minutes to adjust and then react to changes in light intensity.
- 8 **Integrated Outlet** - This outlet is integrated with outlets (1, 3 & 10). See description (1) for details.
- 9 **Night Cooling Thermostat Dial (Knob)** - Set this dial to maximum desired temperature (set point) to activate and deactivate fans or ventilation equipment plugged into any of the four outlets during dark periods.
- 10 **Integrated Outlet** - This outlet is integrated with outlets (1, 3 & 8). See description (1) for details.
- 11 **Night Cooling Thermostat Calibration Hole** - Access the thermostat calibration trim screw through this hole; Contact Green Air Products Technical Support for more details.
- 12 **Cooling Outlet Indicator Light** - When lit, exhaust fans or other equipment plugged into any of the outlets are active ("ON"). This light is integrated with (5).

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

