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The Genesis Formula™ Pure Elemental Fertilizers
or the new Liquid Sand™ Potassium Silicate supplement.



- 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.

- Features**
- Cooling Thermostat (CT) 10-110°F (-12-43°C)
 - Dehumidifying Humidistat (DH) 20-80% non-condensing environment
 - Integrated outlets
 - Best suited for environments with **no** CO2 enrichment
 - 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 - Special Order Units
"External Coil" or a 10-foot "Remote Bulb" temperature sensors are also available for the CT-DH-1. These options are indicated with an "X" for External Coil or "R" for the Remote Bulb following the model number (CT-DH-1X). The "X" and "R" sensors have a narrower 3° differential, which means your equipment will turn "ON" and "OFF" more frequently. All special order units are non-cancelable and non-returnable. The 2 year warranty as stipulated below does apply to all special order units.

General Application
Recommended for indoor use only.
The CT-DH-1 atmospheric controller was designed to activate and deactivate intake and exhaust fans, cooling systems and other equipment 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 into the controller will run until the temperature hits 73°F, then it will deactivate until the temperature exceeds 80°F again.

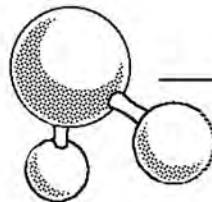
Description

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Parts List

- 1 CT-DH-1 or other CT-DH-1 special order unit
- 1 Quick Start Instructions
- 2 #6 x 1" Pan Phillips-head Tapping Screws for mounting the unit
- 2 E-Z Anchors for dry-wall mounting.



Quick Start Instructions
Atmospheric Controller

Specifications

Thermostat Range	10-110°F (-12-43°C)
Thermostat Differential	7°; 3° with External Coil (X) or Remote Bulb (R)
Humidistat Range	20-80%
Humidistat Differential	5%
Operating Temperature	32-120°F (0-50°C)
Operating Humidity	Non-Condensing Environment (0-95%)
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. 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.

CT-DH-1



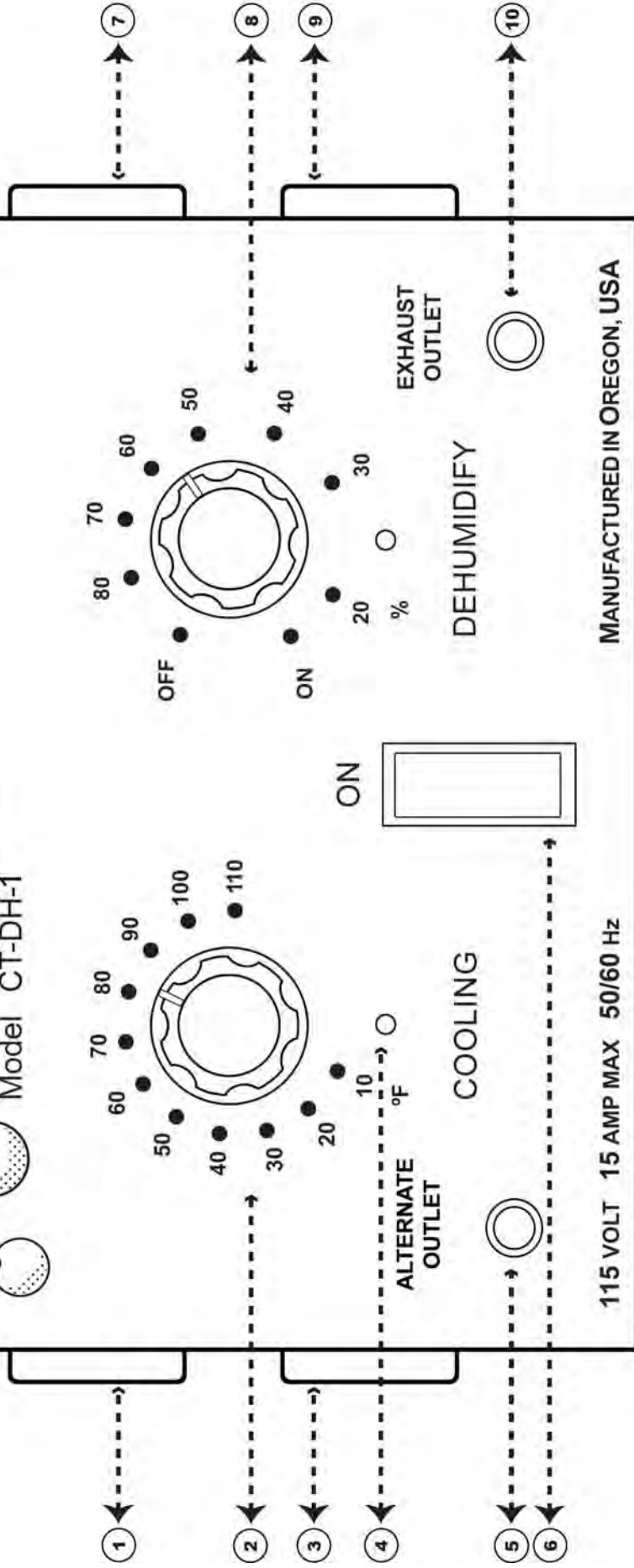
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Cooling Thermostat
Dehumidifying Humidistat

Green Air Products®

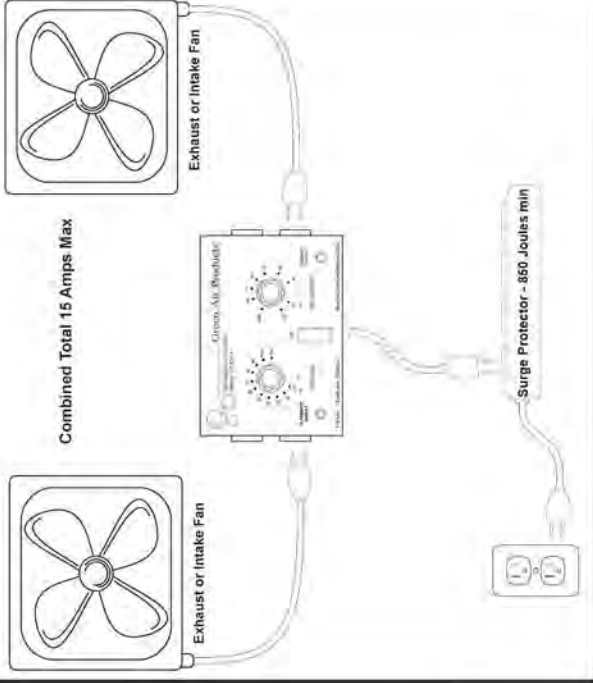
Atmospheric Controller Model CT-DH-1



Quick-Start Installation

1. Plug the controller in to a surge protection unit (minimum 850 Joules).
2. Adjust COOLING (2) and DEHUMIDIFYING (4) dials to desired settings.
3. Plug exhaust or intake fans and/or cooling systems into outlets (1, 3, 7) & (8) or any other equipment you want to integrate with cooling and dehumidifying.
4. Turn controller on using red "ON/OFF" switch (1).
5. Also allow the controller at least 1 hour to climatize or adjust to the temperature and humidity conditions in your environment.

The diagram shows the typical installation and function of the CT-DH-1 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 or humidity in your environment exceeds the set point on either the COOLING dial or DEHUMIDIFYING dial, this outlet will turn "ON" activating the equipment plugged into it. This outlet is integrated with outlets (3, 7) & (8). (i.e. all four outlets will turn "ON" and "OFF" at the same time when triggered by the temperature or humidity settings on the dials).
- 2 **Cooling Thermostat Dial (Knob)** - Set this dial to maximum desired humidity (set point) to activate and deactivate fans, cooling systems, and any other equipment plugged into any of the four outlets.
- 3 **Integrated Outlet** - This outlet is integrated with outlets (1, 3) & (9). See description (1) for details.
- 4 **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 **Alternate Outlet Indicator Light** - When lit, exhaust fans or other equipment plugged into any of the outlets are active ("ON"). This light is integrated with (10).
- 6 **ON/OFF Switch** - Use this red switch to turn the unit "ON" or "OFF".
- 7 **Integrated Outlet** - This outlet is integrated with outlets (1, 3) & (9). See description (1) for details.
- 8 **Dehumidifying Dial (Knob)** - Set this dial to maximum desired humidity (set point) to activate and deactivate fans, cooling systems, and any other equipment plugged into any of the four outlets.
- 9 **Integrated Outlet** - This outlet is integrated with outlets (1, 3) & (9). See description (1) for details.
- 10 **Exhaust Outlet Indicator Light** - When lit, exhaust fans or other equipment plugged into any of the outlets are active ("ON"). This light is integrated with (6).



Do you have questions? Do you need technical assistance?

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