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Quick Start Instructions

Atmospheric Controller

CT-DH-1

Cooling Thermostat
Dehumidifying Humidistat

Parts List
1 CT-DH-1 or other CT-DH-1 special order unit
1 Quick Start Instructions
2 86 x 1” Pan Phillips-head Tapping Screws for mounting the unit
2 E-Z Anchors for dry-wall mounting.

Specifications

Thermostat Range .................. 0°F - 107°F (-18°C - 42°C)
Thermostat Differential .......... 7°F - 3°C with External Coll (X) or Remote Bump (R)
Humidistat Range .................. 20-90%
Humidistat Differential .......... 5%
Operating Temperature ............ 32-125°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 .......... 71 x 5 x 3 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.

THE ELEMENTS FOR SUCCESS FOR OVER 20 YEARS
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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 1, 2, 3 & 4 (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 temperature (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, 2, 3 & 4. 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 it, exhaust fans or other equipment plugged into any of the outlets are active ("ON"). This light is integrated with 2.

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, 2, 3 & 4. 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, 2, 3 & 4. See description 1 for details.

10. Exhaust Outlet Indicator Light - When it, exhaust fans or other equipment plugged into any of the outlets are active ("ON"). This light is integrated with 2.

Quick-Start Installation
1. Plug the controller into a surge protector unit (minimum 850 Joules).
2. Adjust COOLING and DEHUMIDIFYING dials to desired settings.
3. Plug exhaust or intake fans and/or cooling systems into outlets 1, 2, 3 & 4 or any other equipment you want to integrate with cooling and dehumidifying.
4. Turn controller on using red "ON/OFF" switch.
5. Allow the controller at least 1 hour to stabilize 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.