

## ***THERMOSTAT CALIBRATION***

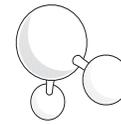
The internal temperature sensors installed in this controller have been calibrated and should not require further adjustment. If necessary, the thermostats may be calibrated with the trim screw. A thru-hole is provided on chassis under the setpoint knob. Avoid undue pressure on the trim screw. Adjustments are very slight; usually a 1/8 turn either way is adequate. Place a thermometer next to the controller and let it stabilize to ambient temperature. Unplug all fans or heaters from controller during this procedure. The controller should remain plugged in with power switch 'ON'. Outlet lights will indicate switch points. Turn cooling thermostat knob to the left until outlet indicator light comes "on". Slowly turn knob back to the right until light turns off. This point should match the temperature reading on the thermometer. If not, turn knob back to the left, adjust trim screw very slightly and turn knob right again to re-check switchpoint temperature. When switchpoint temperature matches that of thermometer calibration is complete. During adjustment, pressure on trim screw will cause incidental switching. This is normal and has no effect on adjustment procedure. Repeat the procedure for the heating thermostat, except start by slowly turning the setpoint knob to the left until outlet indicator light turns "on". Then, slowly turn to the right until light turn off again. This "off" temperature should match the test thermometer.

### **FIVE YEAR LIMITED WARRANTY**

*Green Air Products 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 5 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 proper application or alterations of original construction will void warranty obligations. For further warranty information contact your dealer or Green Air Products service department.*

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**GREEN AIR PRODUCTS INC.**  
PROFESSIONAL GREENHOUSE EQUIPMENT

## ***ATMOSPHERIC CONTROLLER***

# **CT-HT-2**

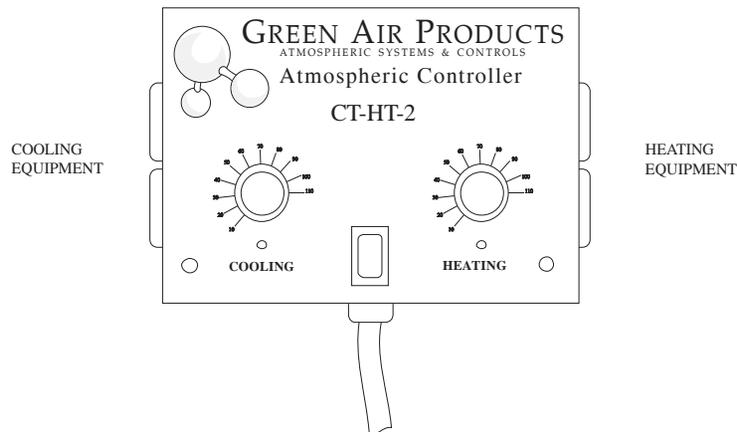


***COOLING THERMOSTAT  
HEATING THERMOSTAT***

**Instruction Manual**

## DESCRIPTION AND FEATURES

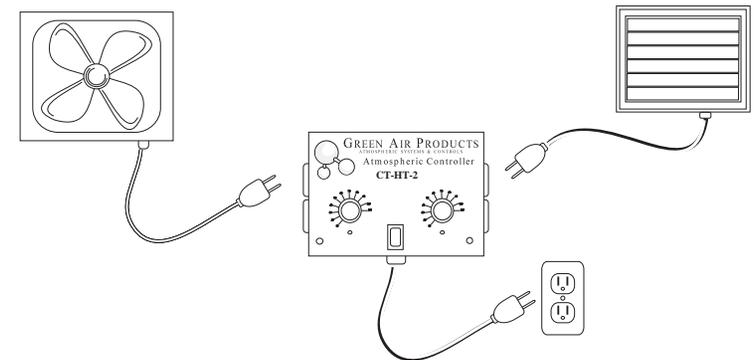
The CT-HT-2 features fully independent sensors for cooling and heating equipment. The cooling thermostat activates the left outlets of the controller and the heating thermostat activates the right outlets. If you require tighter temperature control than the internal thermostats allow, external coil and remote bulb thermostats with a 3° differential are available. Operates on 115VAC with 15 Amp switching capacity. Approved for indoor use only.



## HOW TO OPERATE

Plug controller power cord into a surge protector and then plug the surge protector into a 110V wall outlet. Plug cooling equipment into left side outlets. Plug heating equipment into right side outlets. This controller offers a 7° differential. That means, if your growing situation requires the temperature to be no cooler than 50° and no hotter than 70° you would set your heating thermostat to 50° and the cooling thermostat for 70°. Then, if the temperature drops to 50°, the controller will activate your heating equipment until the temperature reaches 57°. Conversely, if the temperature reaches 70° the controller will activate cooling equipment until the temperature drops to 63°. Do not exceed power handling capacity of your wall outlet or the controller.

## INSTALLATION EXAMPLE



Independent control of heating and cooling equipment. High amperage relays (HAR-1) are available for large draw fans and heaters.