TEMPERATURE CONTROLLER

**WARRANTY**

1 year from date of purchase

**SHIPPING WEIGHT**

2 pounds

**DIMENSIONS**

6 in. L x 4 in. W x 2 in. H

**ENCLOSURE**

Anodized aluminum

**AMPERAGE RATING**

15 amperes maximum

**VOLTAGE**

125 volt AC 60 hz

**TEMPERATURE**

Fahrenheit (°F)

**TEMPERATURE RANGE**

7º (3º) between On/Off

**HEATING**

Your desired setpoint. With the switch in the heat position the Temp-H/C(R) will operate an exhaust fan or AC unit to reduce unwanted hot air. The Temp-H/C(R) will either heat or cool depending on your mode switch to adjust the ambient air temperature. Set the dial to your desired zone temperature within the span of control desired. This control operates AC, exhaust fans, evaporative coolers, heaters or other temperature equipment by activating switches, motors, relays or other electrical triggered appliances.

**COOLING**

This model with the suffix (R) as in Temp-H/C(R) is specifically for the control of plant growth and related environments. Perfect for plant zone environments, reptile habitats or any other application requiring temperature control. It is switchable between heat and cool. Designed for plant zone environments, reptile habitats or any other application requiring temperature control. It is switchable between heat and cool. Designed

**SPECIFICATIONS**

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<td>R specifies remote bulb sensor option</td>
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<tr>
<td><strong>Temperature Controller</strong></td>
<td>Temperature Fahrenheit (°F)</td>
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<td><strong>Accuracy ±3º</strong></td>
<td>Differential 7º(3º) between On/Off</td>
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<td><strong>Combination Power Cord voltage</strong></td>
<td>6 foot long</td>
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**Introduction**

Our new concept of control or connect to other controls to simultaneously coordinate other controllers and dual function and designed to work alone or an independent specialized needs of a greenhouse or grow room climate. Most of our products use only high quality UL listed components chosen to meet the needs of the grower. The Temp-H/C(R) is designed to monitor and set the Temp-H/C dial to your desired zone temperature within the span of control desired. This control operates AC, exhaust fans, evaporative coolers, heaters or other temperature equipment by activating switches, motors, relays or other electrical triggered appliances.

**EQUIPMENT**

**Genuine Green Air Products Hydroponic Specialties**

**Installation and Operation Manual Temp H/C(R)**

**www.greenair.com**
**Temperature Controller**

**Temp H/C(R)**

**Operation Manual**

**Installation and Specifications**

**Introduction**

Green Air Products has designed a complete line of atmospheric controllers. We are certain one of them is right for you. They are designed to monitor temperature and humidity, and operate fans, air conditioning, humidifiers, dehumidifiers and misting systems etc. Our controllers are mounted in brush finish anodized aluminum housings, which provide superior resistance to corrosive humid atmospheres for years of dependable service. Illuminated switches and function indicator lights mounted in a black housing with an easy to read white dial face make our equipment an attractive addition to your system. Green Air Products atmospheric controllers are designed to easily plug into wall outlets or each other for easy installation. All controllers are fully assembled and ready to use and no hard wiring is required. Green Air Products uses only high quality UL listed components chosen to meet the specialized needs of a greenhouse or grow room climate. Most of our controllers are dual function and designed to work alone as an independent control or connect to other controls to simultaneously coordinate other functions. Generally the controllers operate on 110 volts, however units that operate at 240 volts may be specified by adding 240V to the model number (i.e. Temp-H/C-240V).

The Temp-H/C Temperature Controller is our most recent development in temperature control. It is switchable between heat and cool. Designed specifically for the control of plant growth and related environments. Perfect for plant zone environments, reptile habitats or any other application requiring automatic switching of heating and cooling equipment. The black anodized aluminum enclosure is durable and attractive and will never corrode or discolor from hot, cold or humid environments. Available with a 3º or 7º differential depending on the span of control desired. This control operates AC, exhaust fans, evaporative coolers, heaters or other temperature equipment by activating switches, motors, valves or pumps. The combination plug/receptacle power cord receives power when the atmospheric temperature varies from your preset level. The sensor allows a 7º (3º) comfort zone between “on” and “off” functions. Simply plug the Temp H/C into a standard 120 volt outlet and plug your equipment into the combination outlet on the backside of the power plug. Set the dial to your setpoint and when that level is reached the control will either heat or cool depending on your mode switch to adjust temperature 7º (3º) and shut off. 15 amp maximum.

**COOLING**

With the switch in the cool position, high temperature conditions will activate an exhaust fan or AC unit to reduce unwanted hot air. The Temp H/C may be plugged directly into a standard 120 volt outlet or interconnected with other Green Air Products controllers. Shown in the example on the left, the Temp-H/C will operate an exhaust fan independently to maintain proper temperature according to your desired setpoint.

**HEATING**

With the switch in the heat position, low temperature conditions will activate a heater to warm the air. If your heater already has a temp control, turn it to the full on position and set the Temp-H/C dial to your minimum desired temperature. The Temp H/C can also be used with any heating devices or any other electrically triggered appliances. Optional remote bulb sensor can be used for installation where the controller is not going to be located within the area to be sensed or for soil or solution applications. Order this model with the suffix (R) as in Temp-H/C(R).