

THE HUMIDITY MODULE PROVIDES CONTROL OF HUMIDIFICATION AND DEHUMIDIFICATION BETWEEN THE THERMOSTAT AND THE HVAC UNIT (please see your thermostat Owner's Manual for more details regarding these features).

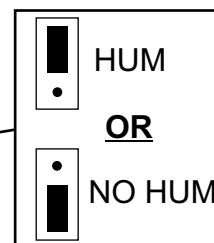
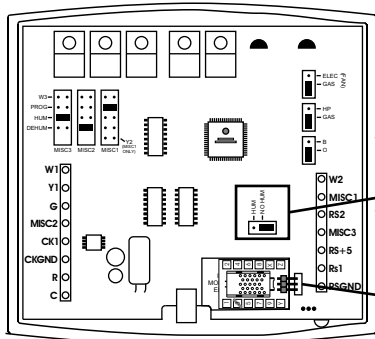
- **Humidification** - If your HVAC unit is equipped with a humidification system the thermostat will provide power to the appropriate terminal on the backplate of the thermostat when the humidity in the home falls below the setpoint you have chosen. The value for this setpoint ranges from 0% to 60%.
- **Dehumidification** - If your HVAC unit is equipped with a dehumidification terminal the thermostat will provide power to the appropriate terminal on the backplate of the thermostat when the humidity in the home is above the setpoint you have chosen. When the indoor humidity rises above the setpoint you have selected, the appropriate terminal will be de-energized. The value for this setpoint ranges from 25% to 99%.
 - **Cool to DeHumidify** - If Cool to Dehumidify is ON the thermostat has the ability to initiate a cooling cycle for advanced dehumidification operation. When the thermostat detects the humidity percentage is above the setpoint for dehumidification, and heating or cooling is not on, the thermostat will force the compressor to run with the fan, thus reducing moisture in the air. This feature will also allow you to adjust the cooling over-shoot of the setpoint, from 0° to 5°.

For Example: If the cooling overshoot is set for 3°F and the cooling setpoint is set for 74°F, then as long as the room temperature reads between 71°F and 74°F this feature will energize the compressor and fan to dehumidify the air.
 - **Reheat** - This feature allows the thermostat to turn on Electric Heating (W2) during Cool to Dehumidify to maintain room temperature until the dehumidification setpoint is reached. The cooling cycle will allow for the dehumidification of the air to occur while the Electric Heating will allow for a constant room temperature.

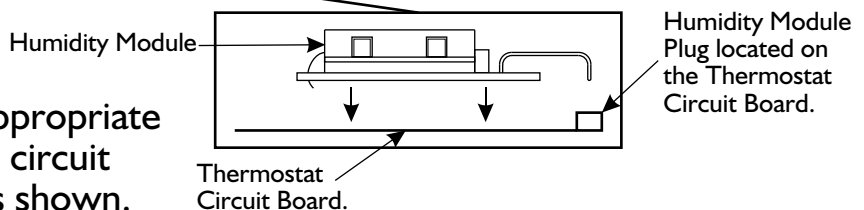
Required Components:

- 1 **One of the Following Thermostats:**
P374-2900 P374-2700
P374-2800 P374-1800
 For a complete list contact Totaline.

- 2 **Humidity Jumper**
 Set this jumper for HUM.



- 3 **Humidity Module Model P374-0430**
 Plug the module into the appropriate connection terminal on the circuit board of the thermostat, as shown.



LABEL SELECTION AND PLACEMENT

The Humidity Module package includes three door labels. Depending on which model thermostat you have purchased, choose the correct label and affix it to the thermostat as shown in the diagrams below.

P374-2800 & 2900

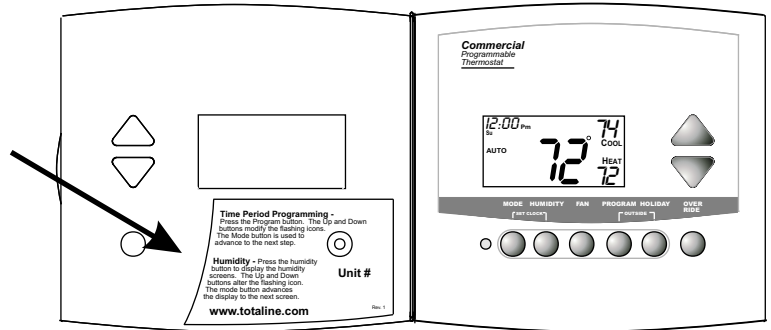
Time Period Programming -
Press the Program button. The Up and Down buttons modify the flashing icons. The Mode button is used to advance to the next step.

Humidity - Press the humidity button to display the humidity screens. The Up and Down buttons alter the flashing icon. The mode button advances the display to the next screen.

Unit #

www.totaline.com

Rev. 1



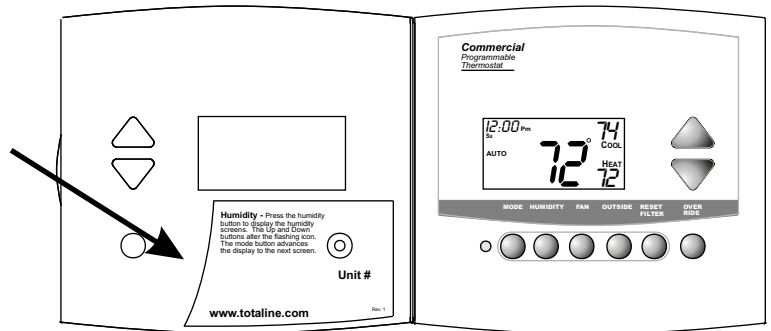
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P374-2700



P374-1800

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