TYPE T60
PNEUMATIC TEMPERATURE CONTROLLER

TEMPERATURES to 600°F

- Mercury Thermostat
- Pinpoint Accuracy
- Low Air Consumption (.1 scfm)
- Adjustable Proportional Band 2-200%
- Control Mode Proportional + Reset (PI)
- Air Supply Pressure 20-65 psig

OPTIONS

- P, PD or PID Control Mode

TYPICAL CONFIGURATIONS

PRESSURE & TEMPERATURE ……………….EAT60

APPLICATION DATA

- Instantaneous Heaters
- Process Applications with wide ranging, fast changing loads
- Desuperheaters

RATINGS (Maximum Inlet Conditions)

<table>
<thead>
<tr>
<th>Supply Pressure (PSIG)</th>
<th>Output Range (PSIG)</th>
</tr>
</thead>
<tbody>
<tr>
<td>20</td>
<td>3-15</td>
</tr>
<tr>
<td>35</td>
<td>3-27</td>
</tr>
<tr>
<td>35</td>
<td>6-30</td>
</tr>
<tr>
<td>65</td>
<td>12-60</td>
</tr>
</tbody>
</table>

BULB LENGTH (inches) & TEMPERATURE RANGES (°F)

<table>
<thead>
<tr>
<th>Bulb Length</th>
<th>Temperature Ranges (°F)</th>
</tr>
</thead>
<tbody>
<tr>
<td>2¼ Bulb</td>
<td>-40-120</td>
</tr>
<tr>
<td>1¾ Bulb</td>
<td>0-200</td>
</tr>
<tr>
<td>1½ Bulb</td>
<td>0-300</td>
</tr>
<tr>
<td>2½ Bulb</td>
<td>30-150</td>
</tr>
<tr>
<td>1¼ Bulb</td>
<td>50-400</td>
</tr>
<tr>
<td>1½ Bulb</td>
<td>200-600</td>
</tr>
</tbody>
</table>
TYPE T60
PNEUMATIC TEMPERATURE CONTROLLER

SPECIFICATION

The temperature controller shall be of the indicating type. It shall be non-bleeding with high capacity, capable of fast response. It shall be equipped with 0-30 psig supply and loading gages, a 3-1/2" dial with control and set point indicators and shall have a 2-200% adjustable proportional band. The Controller shall be equipped with a stainless steel bulb and 10 feet of flexible tubing. Control point adjustments to be made by a knob inside the case.

SPECIFICATIONS

Air Connections .................................................. 1/4" FNPT
Air Consumption, Maximum .............................. 0.2 SCFM
Air Consumption, Normal .............................. 0.1 SCFM
Ambient Temperature Limits -40° to 180°F (-40 to 82°C)
Weight ................................................................. 81/2 lbs. (19 kg)
Proportional Band ................................. Adjustable, 2 - 200%
Control Action ............................................ Adjustable, Reverse or Direct
Control Mode, Standard ........................ Proportional + Reset (PI)
Control Mode, Optional ................................. P, PD or PID

*X - See Bulb Length on opposite page.