• Temperature can easily be set, stepped, and slewed

• Multiple user-defined temperature tables can be stored in memory

• Full 20-character by 4-line alpha/numeric display and keypad

• Actual measured temperature displayed

• Failsafe sensor with easily set limits

• Over-temperature sensor protects against thermal run-away

• Remote operation via IEEE-488 bus or RS-232C communication link

• TTL I/O lines for remote device control

SPECIFICATIONS

Temperature Range:
-55° to +150° C

Rate of Temperature Change (Unloaded):
10° C / minute

Stability:
± 0.10° C
(including effects of line voltage, ambient temperature between 15° and 45° C, and aging)
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**TEMPERATURE CONTROL**

- Resistance of platinum resistance sensor converted to digital values
- Internally stored mathematical polynomials convert digital values to temperature
- Calibrated digitized temperature compared to user-set temperature
- Six-point calibration provides greater accuracy

**FIXTURE OPTIONS**

- Windows, feed through cabling, edge-card connections, or cable ports customized to user specifications

**CHARACTERISTICS**

**Voltage:**

190-250 VAC, 3 Phase, 50-60 Hz, 7.0 KVA maximum

**Dimensions:**

<table>
<thead>
<tr>
<th>Inner Chamber:</th>
<th>Chamber with 7220MR Chassis:</th>
</tr>
</thead>
<tbody>
<tr>
<td>12.00 inches wide (30.5 cm)</td>
<td>22 inches wide (55.9 cm)</td>
</tr>
<tr>
<td>12.00 inches deep (30.5 cm)</td>
<td>38 inches deep (96.5 cm)</td>
</tr>
<tr>
<td>8.00 inches high (20.3 cm)</td>
<td>47 inches high (41.9 cm)</td>
</tr>
</tbody>
</table>

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