• 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 +200° C / LCO₂
-65 to +200° C / LN₂

Rate of Temperature Change (Unloaded):
15° C / min. (Standard Option), 30° C / min. (Fast Option)

Stability:
± 0.2° C
(including effects of line voltage, ambient temperature between 15° and 45° C, and aging)

Uniformity:
± 0.5° C from -55° to +125° C
± 1° C to extremes
(Measurements taken from within 1” [2.54 cm] from chamber walls)
**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
- Four-point calibration provides greater accuracy

**FIXTURE OPTIONS**

- Edge-card connections, sockets, feed through cabling, or cable ports customized to user specifications
- “B” Model w/ slot on side

**CHARACTERISTICS**

**Voltage:**

190-250 VAC, 50-60 Hz, 4.6 KVA maximum (Standard Heat), 9.5 KVA maximum (Fast Heat)

**Dimensions:**

<table>
<thead>
<tr>
<th>Internal:</th>
<th>External: (excluding latches and hinges)</th>
</tr>
</thead>
<tbody>
<tr>
<td>18.00 inches wide (45.7 cm)</td>
<td>24 inches wide (61.0 cm)</td>
</tr>
<tr>
<td>18.00 inches deep (45.7 cm)</td>
<td>32.3 inches deep (82.0 cm)</td>
</tr>
<tr>
<td>24.00 inches high (61.0 cm)</td>
<td>37.3 inches high (94.7 cm)</td>
</tr>
</tbody>
</table>

**Weight:**

134 lbs. (60.8 kg.)

**Coolant Options:**

LCO₂ or LN₂

**LCO₂ Usage:**

10 lbs/hr @ -55° C, typical