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

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**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] of 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**

- Cable ports customized to user specifications

**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>24.00 inches wide (61.0 cm)</td>
<td>37.3 inches wide (94.7 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>18.00 inches high (45.7 cm)</td>
<td>24 inches high (61.0 cm)</td>
</tr>
</tbody>
</table>

**Weight:**
134 lbs. (60.8 kg.)

**Coolant Options:**
LCO₂ or LN₂

**LCO₂ Usage:**
10 lbs/hr at -55° C, typical

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