### G – Series: Temperature and Temperature/Humidity Chambers

#### Specifications:

<table>
<thead>
<tr>
<th>Chamber Model --- *denotes, (B = temp, D = hum)</th>
<th>G*-8-105</th>
<th>G*-8-105-105</th>
</tr>
</thead>
<tbody>
<tr>
<td>Chamber Volume (cu ft) / (liters)</td>
<td>8 / 226</td>
<td></td>
</tr>
<tr>
<td><strong>Interior:</strong> W x D x H (in)</td>
<td>24 x 24 x 24</td>
<td></td>
</tr>
<tr>
<td><strong>Interior:</strong> W x D x H (cm)</td>
<td>61 x 61 x 61</td>
<td></td>
</tr>
<tr>
<td><strong>Exterior:</strong> W x D x H (in)</td>
<td>32 x 50 x 77</td>
<td></td>
</tr>
<tr>
<td><strong>Exterior:</strong> W x D x H (cm)</td>
<td>82 x 127 x 196</td>
<td></td>
</tr>
<tr>
<td>Shipping Weight: (lb) / (kg)</td>
<td>650 / 300</td>
<td>750 / 340</td>
</tr>
<tr>
<td>Compressor(s): Hi stage (hp) / Lo stage (hp)</td>
<td>1.5 / N.A.</td>
<td>1.5 / 1.5</td>
</tr>
<tr>
<td>Chamber Heaters: (kw)</td>
<td>2</td>
<td>2</td>
</tr>
<tr>
<td>Humidity Heaters: (GD models only) (kw)</td>
<td>2</td>
<td>2</td>
</tr>
<tr>
<td>Power Requirements: Voltage / Phase / Frequency</td>
<td>230/1 or 3/60</td>
<td>230/1 or 3/60</td>
</tr>
<tr>
<td></td>
<td>Load in (kva)</td>
<td>8.5</td>
</tr>
</tbody>
</table>

#### Performance:

<table>
<thead>
<tr>
<th>Temperature Range:</th>
<th>°F</th>
<th>-22 to 350</th>
<th>-90 to 350</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>°C</td>
<td>-30 to 177</td>
<td>-68 to 177</td>
</tr>
</tbody>
</table>

#### Pull-Down (chamber empty)

<table>
<thead>
<tr>
<th>Temperature</th>
<th>to</th>
<th>°F / -°C</th>
<th>In Minutes</th>
</tr>
</thead>
<tbody>
<tr>
<td>75°F / 23°C</td>
<td>0°F / -17°C</td>
<td>15</td>
<td>10</td>
</tr>
<tr>
<td></td>
<td>-40°F / -40°C</td>
<td>N.A.</td>
<td>15</td>
</tr>
<tr>
<td></td>
<td>-65°F / -54°C</td>
<td>N.A.</td>
<td>25</td>
</tr>
<tr>
<td></td>
<td>-85°F / -65°C</td>
<td>N.A.</td>
<td>30</td>
</tr>
<tr>
<td>350°F / 177°C</td>
<td>75°F / 23°C</td>
<td>25</td>
<td></td>
</tr>
</tbody>
</table>

#### Heat-Up (chamber empty)

<table>
<thead>
<tr>
<th>Temperature</th>
<th>to</th>
<th>°F / °C</th>
<th>In Minutes</th>
</tr>
</thead>
<tbody>
<tr>
<td>75°F / 23°C</td>
<td>240°F / 116°C</td>
<td>20</td>
<td>20</td>
</tr>
<tr>
<td>-90°F / -68°C</td>
<td>350°F / 177°C</td>
<td>40</td>
<td>40</td>
</tr>
<tr>
<td></td>
<td>75°F / 23°C</td>
<td>N.A.</td>
<td>25</td>
</tr>
</tbody>
</table>

#### Live load capacity (in watts)

<table>
<thead>
<tr>
<th>Temperature</th>
<th>(Steady State)</th>
<th>In Minutes</th>
</tr>
</thead>
<tbody>
<tr>
<td>0°F / -17°C</td>
<td>500</td>
<td>750</td>
</tr>
<tr>
<td>-40°F / -40°C</td>
<td>N.A.</td>
<td>600</td>
</tr>
<tr>
<td>-65°F / -54°C</td>
<td>N.A.</td>
<td>450</td>
</tr>
</tbody>
</table>

#### Humidity range (GD) Models:

- 10% RH to 95% RH in the range bounded by a 185°F / 85°C maximum chamber temperature and a 40°F / 4°C minimum dewpoint.