The interiors are constructed of very durable, corrosion-resistant 316 stainless steel. Low watt density heaters also contribute to the unit’s longer life. Various safety cutouts are also included.

The conditioners are controlled by PGC’s SmartPad, a user-friendly system that provides optimum accuracy and control. The SmartPad is equipped with direct readings in both temperature and humidity. It also features 60-segment programming for automatic cycling and also ramping and soaking excursions. High-low or deviation alarms and a serial communications port are standard.

FEATURES
- RH control constancy of ±0.5%
- Temperature control constancy of ±0.1°C
- Relative humidity uniformity of ±0.5%
- High-low or deviation alarms
- 316 stainless steel construction throughout the chamber

BENEFITS
- Consistent and accurate results
- Stable and uniform environment
- Unsurpassed accuracy
- Security and safety
- Ease of operation

<table>
<thead>
<tr>
<th>RH Variables</th>
<th>PGC, Inc.</th>
<th>Competition</th>
</tr>
</thead>
<tbody>
<tr>
<td>Control Constancy</td>
<td>± 0.5%</td>
<td>± 2.0%</td>
</tr>
<tr>
<td>Chamber Uniformity</td>
<td>± 0.5%</td>
<td>± 2.0%</td>
</tr>
<tr>
<td>Sensor Accuracy</td>
<td>± 1.0%</td>
<td>± 2.0%</td>
</tr>
<tr>
<td>Total</td>
<td>± 2.0%</td>
<td>± 6.0%</td>
</tr>
</tbody>
</table>

PGC’s humidity generating systems are unique. The sources for humidity, dehumidification, heating, and refrigeration are all packaged in one self-contained unit. The unit is specifically designed to condition both modular paneled walk-in rooms and pre-existing laboratory or process areas. A PGC conditioner is designed to produce very precise humidity and temperature control.

Since these generating units are self-contained, they can be easily used to condition existing walk-in rooms, custom chambers, and even existing laboratory or process areas. Units are manufactured in both vertical and horizontal configurations. Horizontal units can be positioned on top of a walk-in room.
**CFM Range** | **Series Number** | **External Dimensions**
--- | --- | ---
100-200 | 9210 | 30”w x 30”d x 49”h
400-700 | 9240 | 32”w x 44”d x 69”h
 | 9340* | 68”w x 45”d x 37”h
800-1200 | 9280 | 74”w x 32”d x 79”h
 | 9380* | 83”w x 50”d x 43”h
1500-3000 | 9230 | 74”w x 32”d x 79”h
1500-2000 | 9330* | 83”w x 50”d x 43”h
3500-5000 | 9250 | 62”w x 52”d x 99”h
5500-7000 | 9270 | 62”w x 52”d x 99”h

*horizontal (ceiling mount) unit

**Performance Curve for Units**
- 100-200 cfm
- 3500-5000 cfm
- 5500-7000 cfm

**Performance Curve for Units**
- 400-700 cfm
- 800-1200 cfm
- 1500-3000 cfm

*Low temperature option available

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