### COMPRESSOR DATA SHEET

**Gardner Denver**

**Model Number:** L07 - 125 psig

**Date:** 3/10/2015

1. **Manufacturer:** Gardner Denver

2. **Model Number:** L07 - 125 psig

3. **Type:** Screw

4. **Air-cooled:** ✔

5. **Water-cooled:** ☐

6. **Oil-injected:** ✔

7. **Oil-free:** ☐

8. **# of Stages:** 1

9. **Rated Capacity at Full Load Operating Pressure:** 38.7 acfm

10. **Full Load Operating Pressure:** 125 psig

11. **Maximum Full Flow Operating Pressure:** 130 psig

12. **Drive Motor Nominal Rating:** 10 hp

13. **Drive Motor Nominal Efficiency:** 90.2 percent

14. **Fan Motor Nominal Rating (if applicable):** N/A

15. **Fan Motor Nominal Efficiency:** N/A percent

16. **Total Package Input Power at Zero Flow:** 3.3 kW

17. **Total Package Input Power at Rated Capacity and Full Load Operating Pressure:** 9.6 kW

18. **Specific Package Input Power at Rated Capacity and Full Load Operating Pressure:** 24.7 kW/100 cfm

**NOTES:**

- a. Measured at the discharge terminal point of the compressor package in accordance with ISO 1217, Annex C; ACFM is actual cubic feet per minute at inlet conditions.
- b. The operating pressure at which the Capacity (Item 3) and Electrical Consumption (Item 11) were measured for this data sheet.
- c. Maximum pressure attainable at full flow, usually the unload pressure setting for load/no load control or the maximum pressure attainable before capacity control begins. May require additional power.
- d. Total package input power at other than reported operating points will vary with control strategy.
- e. Tolerance is specified in ISO 1217, Annex C, as shown in table below:

<table>
<thead>
<tr>
<th>Volume Flow Rate at specified conditions</th>
<th>Volume Flow Rate</th>
<th>Specific Energy Consumption</th>
<th>No Load / Zero Flow Power</th>
</tr>
</thead>
<tbody>
<tr>
<td>m³/min</td>
<td>ft³/min</td>
<td>%</td>
<td>%</td>
</tr>
<tr>
<td>Below 0.5</td>
<td>Below 15</td>
<td>+/- 7</td>
<td>+/- 8</td>
</tr>
<tr>
<td>0.5 to 1.5</td>
<td>15 to 50</td>
<td>+/- 6</td>
<td>+/- 7</td>
</tr>
<tr>
<td>1.5 to 15</td>
<td>50 to 500</td>
<td>+/- 5</td>
<td>+/- 6</td>
</tr>
<tr>
<td>Above 15</td>
<td>Above 500</td>
<td>+/- 4</td>
<td>+/- 5</td>
</tr>
</tbody>
</table>

*C For models that are tested in the CAGI Performance Verification Program, these items are verified by the third party administrator. Consult CAGI website for a list of participants in the third party verification program: [www.cagi.org](http://www.cagi.org)

This form was developed by the Compressed Air and Gas Institute for the use of its members. CAGI has not independently verified the reported data.