# PRODUCT SPECIFICATION

<table>
<thead>
<tr>
<th>Parameter</th>
<th>Specification</th>
</tr>
</thead>
<tbody>
<tr>
<td>RPM</td>
<td>2100</td>
</tr>
<tr>
<td>Noise</td>
<td>(70 dB(A))</td>
</tr>
<tr>
<td>Temp.</td>
<td>+5°C - +40°C</td>
</tr>
<tr>
<td>Humidity</td>
<td>20% - 80%</td>
</tr>
<tr>
<td>Weight</td>
<td>12.75 lbs, 5.80 kg.</td>
</tr>
<tr>
<td>PART NUMBER</td>
<td>RTD523</td>
</tr>
<tr>
<td>REV.</td>
<td>A</td>
</tr>
<tr>
<td>MODEL NO.</td>
<td>DOA-V502-JH</td>
</tr>
</tbody>
</table>

**NOTES:**
1. ALL DIMENSIONS ARE FOR REF. USE ONLY.
2. PRODUCT DIMENSIONS: U.S. IMPERIAL (inches), METRIC (mm).
3. TECHNICAL DATA SUBJECT TO CHANGE WITHOUT NOTICE.
4. ENVIRONMENT: CLEAN DUST FREE.
5. THIS MODEL REQUIRES ADDITIONAL CAPACITANCE TO BE APPLIED TO THE ELECTRICAL INPUT IN ORDER TO COMPLY WITH THE EMC DIRECTIVE. SEE SHEET 2 OF 2.

### Graphs

- **Free Air Flow (m³/h):**
  - Metric - Vacuum (mbar)
  - U.S./Imperial - Vacuum (inch hg)

- **Diagram:**
  - 1/4 NPT INLET
  - MUFFLER 1/4 NPT OUTLET
  - All dimensions in millimeters.

### Dimensions

- 7.82 APPROX. 199
- 7.10 APPROX. 180
- 1.75 44
- 3.50 89
- 5.11 130
- 5.47 APPROX. 139
- 2x .87 22
- 2x 4.75 121
- 9.34 237