### COMPRESSOR DATA SHEET

**Rotary Vane Compressor: Variable Frequency Drive**

**MODEL DATA - FOR COMPRESSED AIR**

<table>
<thead>
<tr>
<th></th>
<th>Manufacturer: Mattei Compressors Inc.</th>
<th>Date: Jan-17</th>
</tr>
</thead>
<tbody>
<tr>
<td>2</td>
<td>Model Number: OPTIMA 200 @500h</td>
<td>Type: Vane</td>
</tr>
<tr>
<td></td>
<td>Air-cooled</td>
<td>Water-cooled</td>
</tr>
<tr>
<td></td>
<td>Oil-injected</td>
<td>Oil-free</td>
</tr>
<tr>
<td>3</td>
<td># of Stages: 1</td>
<td></td>
</tr>
<tr>
<td>4</td>
<td>Rated Operating Pressure</td>
<td>102 psig</td>
</tr>
<tr>
<td>5</td>
<td>Drive Motor Nominal Rating</td>
<td>275 hp</td>
</tr>
<tr>
<td>6</td>
<td>Drive Motor Nominal Efficiency</td>
<td>96.2 percent</td>
</tr>
<tr>
<td>7</td>
<td>Fan Motor Nominal Rating (if applicable)</td>
<td>5.1 hp</td>
</tr>
<tr>
<td>8</td>
<td>Fan Motor Nominal Efficiency</td>
<td>n/a percent</td>
</tr>
<tr>
<td></td>
<td>Input Power (kW)</td>
<td>Capacity (acfm)</td>
</tr>
<tr>
<td>9</td>
<td>229.66</td>
<td>Max 1271.4</td>
</tr>
<tr>
<td></td>
<td>198.92</td>
<td>1136.1</td>
</tr>
<tr>
<td></td>
<td>170.51</td>
<td>1000.1</td>
</tr>
<tr>
<td></td>
<td>142.78</td>
<td>863.6</td>
</tr>
<tr>
<td></td>
<td>116.30</td>
<td>726.7</td>
</tr>
<tr>
<td></td>
<td>103.54</td>
<td>Min 657.9</td>
</tr>
<tr>
<td>10</td>
<td>Total Package Input Power at Zero Flow</td>
<td>20.91 kW</td>
</tr>
</tbody>
</table>

**NOTES:**

a. Measured at the discharge terminal point of the compressor package in accordance with ISO 1217, Annex E; acfm is actual cubic feet per minute at inlet conditions.

b. The operating pressure at which the capacity and electrical consumption were measured for this data sheet.

c. No Load Power. In accordance with ISO 1217, Annex E.