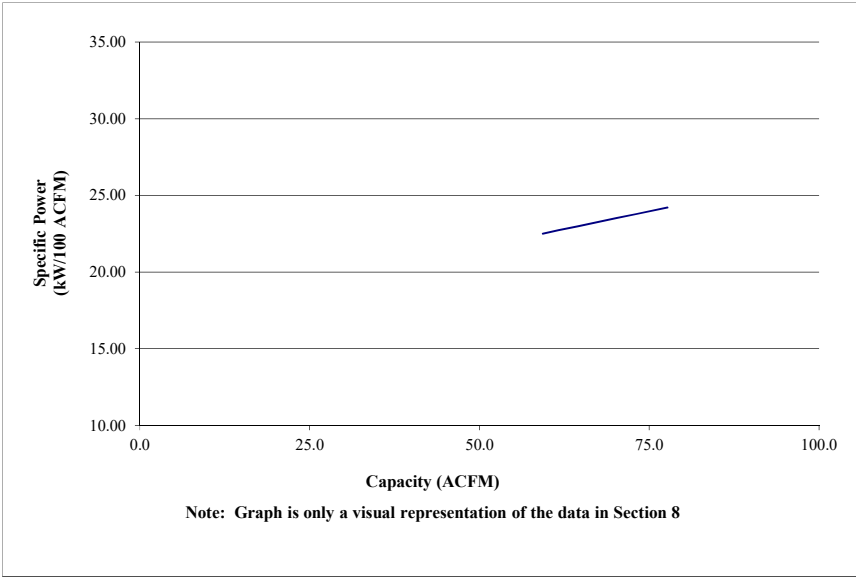


## COMPRESSOR DATA SHEET

### Rotary Vane Compressor: Variable Frequency Drive

#### MODEL DATA - FOR COMPRESSED AIR

1	Manufacturer: <b>Mattei Compressors</b>		
2	Model Number: <b>BLADE 15i</b>	Date:	<b>May-18</b>
	<input checked="" type="checkbox"/> Air-cooled <input type="checkbox"/> Water-cooled	Type:	<b>Vane</b>
	<input checked="" type="checkbox"/> Oil-injected <input type="checkbox"/> Oil-free	# of Stages:	<b>1</b>
3	Rated Operating Pressure	<b>145</b>	psig <sup>b</sup>
4	Drive Motor Nominal Rating	<b>20</b>	hp
5	Drive Motor Nominal Efficiency	<b>92.1</b>	percent
6	Fan Motor Nominal Rating (if applicable)	<b>n/a</b>	hp
7	Fan Motor Nominal Efficiency	<b>n/a</b>	percent
8	Input Power (kW)	Capacity (acfm) <sup>a</sup>	Specific Power (kW/100 acfm)
	18.81      Max	<b>77.7</b>	<b>24.21</b>
	17.39	<b>73.1</b>	<b>23.79</b>
	16.01	<b>68.5</b>	<b>23.37</b>
	14.66	<b>63.9</b>	<b>22.94</b>
	14.01	<b>61.6</b>	<b>22.73</b>
	13.35      Min	<b>59.3</b>	<b>22.50</b>
9	Total Package Input Power at Zero Flow <sup>c</sup>	<b>1.90</b>	kW
10	 <p style="text-align: center;">Note: Graph is only a visual representation of the data in Section 8</p>		

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.

