

COMPRESSOR DATA SHEET
Rotary Vane Compressor: Variable Frequency Drive

MODEL DATA - FOR COMPRESSED AIR			
1	Manufacturer: Mattei Compressors Inc.		
2	Model Number: OPTIMA 200 @500h	Date: Jan-17	
	<input checked="" type="checkbox"/> Air-cooled <input type="checkbox"/> Water-cooled	Type: Vane	
	<input checked="" type="checkbox"/> Oil-injected <input type="checkbox"/> Oil-free	# of Stages: 1	
3	Rated Operating Pressure	145	psig ^b
4	Drive Motor Nominal Rating	275	hp
5	Drive Motor Nominal Efficiency	96.2	percent
6	Fan Motor Nominal Rating (if applicable)	5.1	hp
7	Fan Motor Nominal Efficiency	n/a	percent
8	Input Power (kW)	Capacity (acfm) ^a	Specific Power (kW/100 acfm)
	236.81	Max	1114.8
	219.41		1048.2
	185.68		914.6
	153.41		780.4
	137.75		712.9
122.58	Min	645.7	18.99
9	Total Package Input Power at Zero Flow ^c	20.91	kW
10	<p 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.

