

COMPRESSOR DATA SHEET

Rotary Vane Compressor: Variable Frequency Drive

MODEL DATA - FOR COMPRESSED AIR

1	Manufacturer: Mattei Compressors Inc.		
2	Model Number: OPTIMA 132 @500h		Date: Jan-17
	<input checked="" type="checkbox"/> Air-cooled <input type="checkbox"/> Water-cooled <input checked="" type="checkbox"/> Oil-injected <input type="checkbox"/> Oil-free	Type: Vane	
	# of Stages: 1		
3	Rated Operating Pressure	102	psig ^b
4	Drive Motor Nominal Rating	175	hp
5	Drive Motor Nominal Efficiency	96.2	percent
6	Fan Motor Nominal Rating (if applicable)	4.4	hp
7	Fan Motor Nominal Efficiency	n/a	percent
8	Input Power (kW)	Capacity (acfm) ^a	Specific Power (kW/100 acfm)
	155.10	Max	843.9
	135.46		753.8
	115.35		663.8
	96.68		573.0
	78.88		482.2
	70.31	Min	436.7
9	Total Package Input Power at Zero Flow ^c	14.20	kW
10	<div style="text-align: center;"> <p>Note: Graph is only a visual representation of the data in Section 8</p> </div>		

- 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.

