

COMPRESSOR DATA SHEET

Rotary Vane Compressor: Variable Frequency Drive

MODEL DATA - FOR COMPRESSED AIR

1	Manufacturer: Mattei Compressors Inc.		
2	Model Number: OPTIMA 200	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	116	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)
	234.4 Max	1176.9	19.92
	218.0	1110.6	19.63
	186.4	977.7	19.06
	156.0	844.2	18.48
	127.1	710.4	17.89
	113.0 Min	643.1	17.58
9	Total Package Input Power at Zero Flow ^c	21.4	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.

