

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	131	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)
	225.69 Max	1121.2	20.13
	209.07	1054.1	19.83
	176.99	919.8	19.24
	146.26	784.9	18.63
	131.37	717.2	18.32
	116.88 Min	649.2	18.00
9	Total Package Input Power at Zero Flow ^c	20.91	kW
10	<p style="text-align: center;">Note: Graph is only a visual representation of the data in Section 8</p>		

NOTES:

- 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.
- The operating pressure at which the Capacity and Electrical Consumption were measured for this data sheet.
- No Load Power. In accordance with ISO 1217, Annex E.

