

COMPRESSOR DATA SHEET

Rotary Vane Compressor: Variable Frequency Drive

MODEL DATA - FOR COMPRESSED AIR

1	Manufacturer: Mattei Compressors Inc.		
2	Model Number: OPTIMA 45 @500hr:		Date: May-15
	<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	116	psig ^b
4	Drive Motor Nominal Rating	60	hp
5	Drive Motor Nominal Efficiency	95.0	percent
6	Fan Motor Nominal Rating (if applicable)	1.5	hp
7	Fan Motor Nominal Efficiency	n/a	percent
8	Input Power (kW)		Capacity (acfm) ^a
	54.03 Max		269.6
	50.41		253.7
	42.96		221.6
	36.31		189.2
	29.95		155.6
26.49 Min		137.0	
9	Total Package Input Power at Zero Flow ^c		4.81 kW
10	<p>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.

