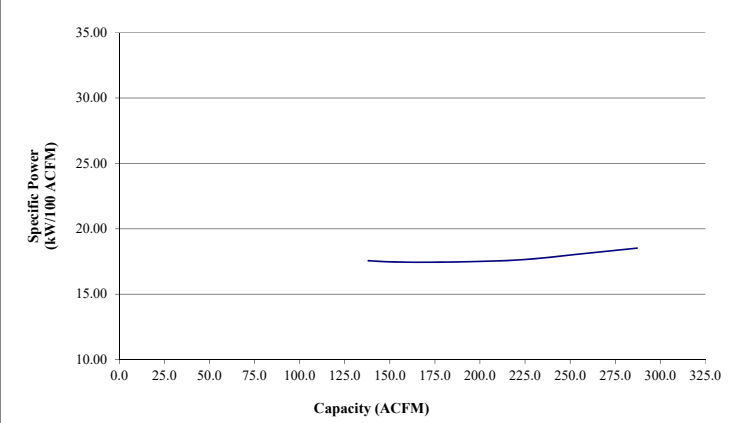


COMPRESSOR DATA SHEET

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	102	psig ^b
4	Drive Motor Nominal Rating	60	hp
5	Drive Motor Nominal Efficiency	95	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	Specific Power (kW/100 acfm)
	53.18 Max	287.1	18.52
	46.24	255.8	18.08
	39.40	223.4	17.64
	33.34	190.7	17.48
	27.37	156.9	17.45
	24.24 Min	138.1	17.56
9	Total Package Input Power at Zero Flow ^c		4.81 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.

