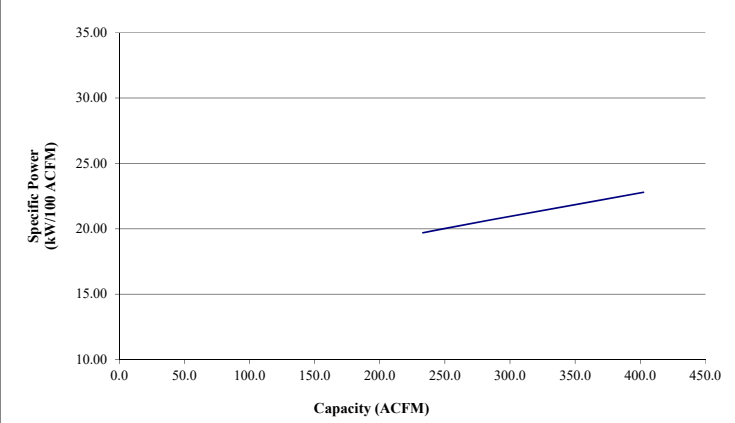


COMPRESSOR DATA SHEET

Rotary Vane Compressor: Variable Frequency Drive

MODEL DATA - FOR COMPRESSED AIR

1	Manufacturer: Mattei Compressors Inc.		
2	Model Number: OPTIMA 75 @500hr:		Date: Apr-17
	☒ Air-cooled ☐ Water-cooled	Type:	Vane
	☒ Oil-injected ☐ Oil-free	# of Stages:	1
3	Rated Operating Pressure	145	psig ^b
4	Drive Motor Nominal Rating	100	hp
5	Drive Motor Nominal Efficiency	95.4	percent
6	Fan Motor Nominal Rating (if applicable)	3	hp
7	Fan Motor Nominal Efficiency	n/a	percent
8	Input Power (kW)	Capacity (acfm) ^a	Specific Power (kW/100 acfm)
	91.72 Max	402.5	22.79
	84.60	378.4	22.36
	70.97	330.2	21.49
	58.08	281.7	20.61
	51.91	257.4	20.16
	45.92 Min	233.1	19.70
9	Total Package Input Power at Zero Flow ^c		kW
10	 Note: Graph is only a visual representation of the data in Section 8		

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.

