

COMPRESSOR DATA SHEET
Rotary Vane Compressor: Variable Frequency Drive

MODEL DATA - FOR COMPRESSED AIR

1	Manufacturer: Mattei Compressors		
2	Model Number: BLADE 15i @500hrs	Date:	May-18
	<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	145	psig ^b
4	Drive Motor Nominal Rating	20	hp
5	Drive Motor Nominal Efficiency	92.1	percent
6	Fan Motor Nominal Rating (if applicable)	n/a	hp
7	Fan Motor Nominal Efficiency	n/a	percent
8	Input Power (kW)	Capacity (acfm) ^a	Specific Power (kW/100 acfm)
	18.39	Max	78.9
	17.00		74.3
	15.65		69.6
	14.33		64.9
	13.69		62.6
	13.05	Min	60.3
9	Total Package Input Power at Zero Flow ^c	1.86	kW
10	<p 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.

