COMPRESSOR DATA SHEET

Rotary Compressor: Variable Frequency Drive

MODEL DATA - FOR COMPRESSED AIR					
1	Manufacturer:	Mattei Compressors	Inc.		
2	Model Number:	OPTIMA 60	Date:	Oct-09	
	x Air-cooled	Water-cooled	Type:	Vane	
	X Oil-injected	Oil-free	# of Stages:	1	
3	Rated Operating Pre	d Operating Pressure		$psig^b$	
4	Drive Motor Nomina	ve Motor Nominal Rating		hp	
5	Drive Motor Nomina	rive Motor Nominal Efficiency		percent	
6	Fan Motor Nominal	an Motor Nominal Rating (if applicable)		hp	
7	Fan Motor Nominal	an Motor Nominal Efficiency		percent	
8*	Input Power (kW)		Capacity (acfm) ^{a,d}	Specific Power (kW/100 acfm) ^d	
	70.8 Max		374.3	18.92	
	61.7		334.4	18.46	
	53.0		294.4	18.01	
	44.7		254.3	17.57	
	36.7		213.9	17.15	
	32.8 Min		193.7	16.96	
9*	Total Package Input	Total Package Input Power at Zero Flow ^{c, d}		kW	
10	35.00				
	30.00				
	Specific Power (KW)100 ACFM) 50.00 50.00				
	Specific (kW/100				
	15.00				
	10.00	25 50 75 100 125 150 17	5 200 225 250 275 300 :	325 350 375 400	
		Capacity (ACFM)			
	Note: Graph is only a visual representation of the data in Section 8 Note: Y-Axis Scale, 10 to 35, + 5kW/100acfm increments if necessary above 35 X-Axis Scale, 0 to 25% over maximum capacity				

*For models that are tested in the CAGI Performance Verification Program, these items are verified by program administrator

Consult CAGI website for a list of participants in the third party verification program:

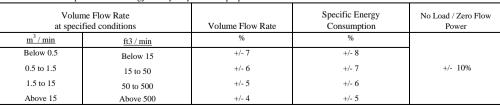
www.cagi.org

NOTES:

Member

- 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, if measurement of no load power equals less than 1%,
- manufacturer may state "not significant" or "0" on the test report.
 d. Tolerance is specified in ISO 1217, Annex E, as shown in table below:

NOTE: The terms "power" and "energy" are synonymous for purposes of this document.



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This form was developed by the Compressed Air and Gas Institute for the use of its members. CAGI has not independently verified the reported data