## COMPRESSOR DATA SHEET

**Rotary Compressor: Variable Frequency Drive** 

	v		MPRESSED AIR	
1	Manufacturer: Atla	s Copco		
2	Model Number: GA 200 VSD-125		Date:	05-06-2015
	x Air-cooled Water-cooled		Type:	Screw
	X Oil-injected Oil-free		# of Stages:	1
3	Rated Operating Pressure		125	psig <sup>b</sup>
4	Drive Motor Nominal Rating		250	hp
5	Drive Motor Nominal Efficiency		96.2	percent
6	Fan Motor Nominal Rating (if applicable)		4.0	hp
7	Fan Motor Nominal Efficiency		83.0	percent
8*	Input Power (kW)		Capacity (acfm) <sup>a,d</sup>	Specific Power (kW/100 acfm) <sup>d</sup>
	<b>253.7</b> Max		1383.0	18.34
	225.5		1241.0	18.17
	196.6		1081.0	18.19
	168.8		920.0	18.35
	141.7		758.0	18.69
	<b>90.7</b> Min		428.0	21.19
9*	Total Package Input Power at Zero Flow <sup>c, d</sup>		0.0	kW
10	35.00			
	30.00			
	Specific Power CFM 500 ACFM 50			
	20.00			_
	15.00			
	10.00 0 100 200 30			) 1400 1500 1600 1700
	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:

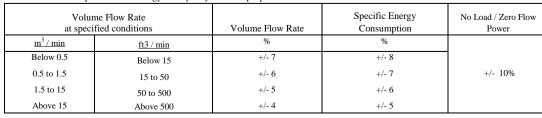
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NOTES:

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.