COMPRESSOR DATA SHEET

Rotary Compressor: Variable Frequency Drive

		EL DATA - FOR CO		
1	Manufacturer:	Atlas Copco		
2	Model Number:	GA 315 VSD-150	Date:	05-06-2015
	Air-cooled	x Water-cooled	Type:	Screw
	X Oil-injected Oil-free		# of Stages:	1
3	Rated Operating Pressure		150	psig ^b
4	Drive Motor Nominal Rating		400	hp
5	Drive Motor Nominal Efficiency		96.1	percent
6	Fan Motor Nominal Rating (if applicable)		0.7	hp
7	Fan Motor Nominal E	Efficiency	30.0	percent
8*	Input Power (kW)		Capacity (acfm) ^{a,d}	Specific Power (kW/100 acfm) ^d
	395.8 Max		1923.0	20.58
	347.4		1704.0	20.39
	314.8		1550.0	20.31
	284.2		1394.0	20.39
	223.6		1075.0	20.80
	107.8 Min		418.0	25.79
9*	Total Package Input F	Power at Zero Flow ^{c, d}	0.0	kW
10	35.00			
	30.00			
	Specific Power (NV100 ACFN)			
	Specific (RW/100			
	15.00			
	10.00		800 900 1000 1100 1200 1300 y (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:

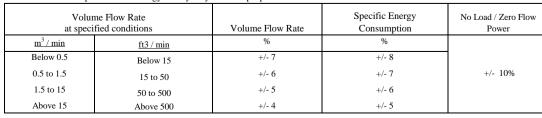
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NOTES:

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.