## **COMPRESSOR DATA SHEET**

## Federal Uniform Test Method for Certain Air Compressors Not Applicable

**Rotary Compressor: Variable Frequency Drive** 

	MODEL DATA - FOR CO		
1	Manufacturer: Atlas Copco		
2	Model Number: GA 315 VSD+ W-8.6	Date:	03-10-2022
	☐ Air-cooled ✓ Water-cooled	Type:	Screw
	✓ Lubricated ☐ Oil-free	# of Stages:	1
3	Full Load Operating Pressure*(b)	100.0	psig*(b)
4	Drive Motor Nominal Rating	214.6 & 214.6	hp
5	Drive Motor Nominal Efficiency	96.3 & 96.3	percent
6	Fan Motor Nominal Rating (if applicable)	0.5	hp
7	Fan Motor Nominal Efficiency	31.0	percent
8*	Input Power (kW)	Capacity (acfm) *(a,d)	Specific Power (kW/100 acfm)*(d)
	376.0 Max	2,326.1	16.2
	291.9	1,848.8	15.8
	214.2	1,371.5	15.6
	142.6	894.2	15.9
	75.9 Min	416.9	18.2
9*	Total Package Input Power at Zero Flow*(c,d)	0.1	kW
10	Specific Power (kW/100ACFM)  Specific Power (kW/100ACFM)  10  0 500 1000  Cat	1500 2000 Dacity (ACFM)	2500

\*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

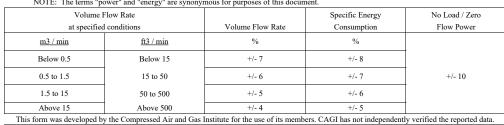
Notes:

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- 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.
- The operating pressure at which the Capacity and Electrical Consumption were measured for this data sheet.
- 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.
- 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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