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: ZR 145 VSD+	Date:	01-07-2021
	☐ Air-cooled ✓ Water-cooled	Type:	Screw
	☐ Lubricated ☑ Oil-free	# of Stages:	2
3	Full Load Operating Pressure*(b)	102.0	psig*(b)
4	Drive Motor Nominal Rating	100.6 & 100.6	hp
5	Drive Motor Nomnial Efficiency	97.0 & 97.0	percent
6	Fan Motor Nominal Rating (if applicable)		hp
7	Fan Motor Nominal Efficiency		percent
8*	Input Power (kW)	Capacity (acfm) *(a,d)	Specific Power (kW/100 acfm)*(d)
	154.8 Max	878.6	17.6
	119.1	700.7	17.0
	88.6	522.8	16.9
	60.9	344.9	17.7
	33.5 Min	167.0	20.0
9*	Total Package Input Power at Zero Flow*(c,d)	0.0	kW
10	Specific Power (KW/100ACFM) Specific Power (KW/100ACFM) 10 0 200 400 Cat	600 800 Dacity (ACFM)	1000

*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

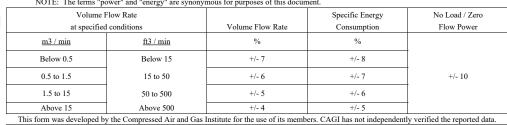
Notes:

Member

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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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