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: ZT 50 VSD+-8.6	Date:	01-05-2024
	✓ Air-cooled	Type:	Tooth
	☐ Lubricated ☑ Oil-free	# of Stages:	2
3	Full Load Operating Pressure*(b)	124.7	psig*(b)
4	Drive Motor Nominal Rating	40.2	hp
5	Drive Motor Nominal Efficiency	96.3	percent
6	Fan Motor Nominal Rating (if applicable)	2.6	hp
7	Fan Motor Nominal Efficiency	59.0	percent
	Input Power (kW)	Capacity (acfm) *(a,d)	Specific Power (kW/100 acfm)*(d)
	69.1 Max	306.2	22.6
8*	53.5	249.7	21.4
	40.2	193.3	20.8
	29.6	136.8	21.6
	18.8 Min	80.4	23.4
9*	Total Package Input Power at Zero Flow*(c,d)	0.0	kW
10	Specific Power (kW/100ACFM) Specific Power (kW/100ACFM) 10 0 50 100 150 Car	0 200 250 Dacity (ACFM)	300 350

*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

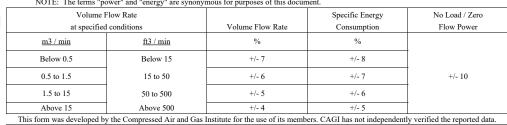
Notes:

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



ROT 031.2 12/19 R3