COMPRESSOR DATA SHEET

Federal Uniform Test Method for Certain Air Compressors Not Applicable

Rotary Compressor: Variable Frequency Drive

	MODEL DATA - FOR CO	<u> </u>	
1	Manufacturer: Atlas Copco		
2	Model Number: ZT 90 VSD+	Date:	06-23-2021
	✓ Air-cooled	Туре:	Screw
	☐ Lubricated ☑ Oil-free	# of Stages:	2
3	Full Load Operating Pressure*(b)	150.0	psig*(b)
4	Drive Motor Nominal Rating	60.3 & 60.3	hp
5	Drive Motor Nominal Efficiency	97.0 & 97.0	percent
6	Fan Motor Nominal Rating (if applicable)	11.8	hp
7	Fan Motor Nominal Efficiency	69.9	percent
8*	Input Power (kW)	Capacity (acfm) *(a,d)	Specific Power (kW/100 acfm)*(d)
	101.7 Max	475.2	21.4
	87.5	396.8	22.1
	73.6	318.4	23.1
	59.6	240.0	24.8
	45.8 Min	161.5	28.3
9*	Total Package Input Power at Zero Flow*(c,d)	0.0	kW
10	Specific Power (KW/100ACFM) Specific Power (KW/100ACFM) 10 0 100 200 Cat	300 400 Dacity (ACFM)	500

*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

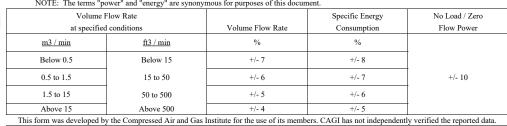
Notes:

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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