## **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 37VSD-8.6	Date:	06-23-2021
	✓ Air-cooled	Туре:	Tooth
	☐ Lubricated ☑ Oil-free	# of Stages:	2
3	Full Load Operating Pressure*(b)	124.7	psig*(b)
4	Drive Motor Nominal Rating	49.6	hp
5	Drive Motor Nominal Efficiency	92.0	percent
6	Fan Motor Nominal Rating (if applicable)	2.6	hp
7	Fan Motor Nominal Efficiency	73.0	percent
8*	Input Power (kW)	Capacity (acfm) *(a,d)	Specific Power (kW/100 acfm)*(d)
	47.9 Max	194.0	24.7
	39.4	163.0	24.1
	34.0	132.1	25.7
	26.8	101.1	26.5
	22.4 Min	70.2	31.9
9*	Total Package Input Power at Zero Flow*(c,d)	6.9	kW
10	Specific Power (KW/100ACFM)  Specific Power (KW/100ACFM)  10  0 30 60 90  Cal	120 150 18 pacity (ACFM)	0 210 240

\*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

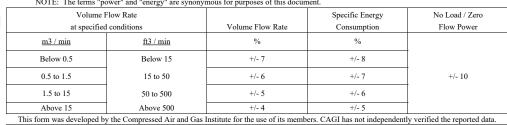
Notes:

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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