## **COMPRESSOR DATA SHEET**

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

**Rotary Compressor: Variable Frequency Drive** 

MODEL DATA - FOR COMPRESSED AIR			
1	Manufacturer: Atlas Copco		
2	Model Number: ZT 250 VSD-8.6	Date:	01-06-2024
	✓ Air-cooled	Туре:	Screw
	☐ Lubricated ☑ Oil-free	# of Stages:	2
3	Full Load Operating Pressure*(b)	124.7	psig*(b)
4	Drive Motor Nominal Rating	335.3	hp
5	Drive Motor Nominal Efficiency	95.2	percent
6	Fan Motor Nominal Rating (if applicable)	9.4	hp
7	Fan Motor Nominal Efficiency	82.0	percent
8*	Input Power (kW)	Capacity (acfm) *(a,d)	Specific Power (kW/100 acfm)*(d)
	279.8 Max	1,367.1	20.5
	234.4	1,151.1	20.4
	194.1	935.0	20.8
	156.6	719.0	21.8
	120.5 Min	502.9	23.9
9*	Total Package Input Power at Zero Flow*(c,d)	21.3	kW
10	Specific Power (KW/100ACFM)  Specific Power (KW/100ACFM)  10  0 200 400 600 Cap	800 1000 1200 Dacity (ACFM)	1400 1600

\*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:

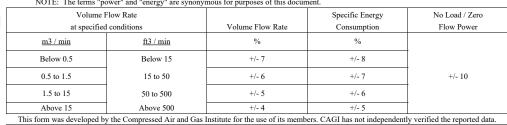
www.cagi.org

Notes: Member

Compressed Air & Gas Institute

- 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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