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 45 VSD+-8.6	Date:	01-05-2024
	✓ 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	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
8*	Input Power (kW)	Capacity (acfm) *(a,d)	Specific Power (kW/100 acfm)*(d)
	53.7 Max	250.4	21.4
	44.3	207.9	21.3
	33.9	165.4	20.5
	26.2	122.9	21.3
	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) 120 0 20 100 Cat	150 200 Dacity (ACFM)	250 300

*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

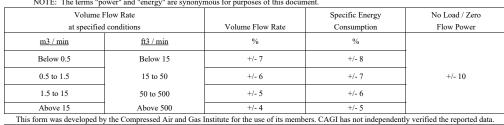
Notes:

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



ROT 031.2 12/19 R3