## **COMPRESSOR DATA SHEET**

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

**Rotary Compressor: Variable Frequency Drive** 

	MODEL DATA - FO	DR COMPRESSED AIR	
1	Manufacturer: Atlas Copco		
2	Model Number: ZT 90 VSD-	10.4 Date: 01-05-2021	
	✓ Air-cooled	d Type: Screw	
	☐ Lubricated ✓ Oil-free	# of Stages: 2	
3	Full Load Operating Pressure*(b)	150.0 psig*(b)	
4	Drive Motor Nominal Rating	120.7 hp	
5	Drive Motor Nomnial Efficiency	93.5 percent	
6	Fan Motor Nominal Rating (if applicable)	5.4 hp	
7	Fan Motor Nominal Efficiency	81.3 percent	
8*	Input Power (kW)	Capacity (acfm) *(a,d) Specific Power (kW/100 acfm)*(d)	
	121.2	Max 461.0 26.3	
	104.9	396.0 26.5	
	90.3	331.0 27.3	
	76.8	266.0 28.9	
	64.2	Min 201.0 31.9	
9*	Total Package Input Power at Zero Flow	*(c,d) 17.5 kW	
10	Specific Power (KW/100ACFM)  10  0  100	0 100 200 300 400 500 Capacity (ACFM)	

\*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

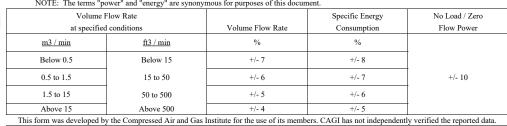
Notes:

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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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