## **COMPRESSOR DATA SHEET**

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

**Rotary Compressor: Variable Frequency Drive** 

	MODEL DATA - FOR CO		
1	Manufacturer: Atlas Copco		
2	Model Number: ZR 90 VSD+-13	Date:	01-06-2024
	☐ Air-cooled ✓ Water-cooled	Туре:	Screw
	☐ Lubricated ✓ Oil-free	# of Stages:	2
3	Full Load Operating Pressure*(b)	188.5	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)		hp
7	Fan Motor Nominal Efficiency		percent
	Input Power (kW)	Capacity (acfm) *(a,d)	Specific Power (kW/100 acfm)*(d
	98.3 Max	402.5	24.4
8*	86.7	341.9	25.4
	74.9	281.3	26.6
	62.6	220.8	28.4
	50.7 Min	160.2	31.7
9*	Total Package Input Power at Zero Flow*(c,d)	0.0	kW
10		00 300 Danity (ACEM)	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

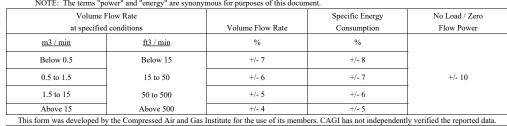
Notes:

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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