COMPRESSOR DATA SHEET

Rotary Compressor: Variable Frequency Drive

	MODEL DATA - FOR (
1	Manufacturer: Atlas Copco			
2	Model Number: ZR 90VSD-125		Date:	12-14-2018
	Air-cooled x Water-cooled		Type:	Screw
	Oil-injected x Oil-free	# of Stages:	2	
3	Rated Operating Pressure	perating Pressure		
4	Drive Motor Nominal Rating		121	hp
5	Drive Motor Nominal Efficiency	93.5	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
	114.9	Max	548	21.0
O.I.	92.8		450	20.6
8*	73.2		353	20.7
	55.6		256	21.7
	39.3 Mi		158	24.9
9*	Total Package Input Power at Zero Flow ^{c, d}		10.2	kW
10	40.0 35.0 30.0 25.0 20.0 15.0 0 50 100 150 200 250 Capa Note: Graph is only a visual r Note: Y-Axis Scale, 10 to 35, +58V		CFM) tation of the data in Section 8	

*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:

a. Measured at the discharge terminal point of the compressor package in accordance with

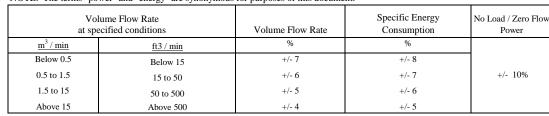
ISO 1217, Annex E; acfm is actual cubic feet per minute at inlet conditions.

b. The operating pressure at which the Capacity and Electrical Consumption were measured for this data sheet.

c. 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.

d. 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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Compressed Air & Gas Institute

10/11 R7 This form was developed by the Compressed Air and Gas Institute for the use of its members. CAGI has not independently verified the reported data.