

COMPRESSOR DATA SHEET

In Accordance with Federal Uniform Test Method for Certain Lubricated Air Compressors

Rotary Compressor: Variable Frequency Drive

		MODEL DATA	- FOR COMPRES	SED AIR	
1	Manufacturer:	Atlas Copco			
	Model Number:	GA30VSDS-150 C90	Date:	11/11/2021	
2	X Air-cooled	0 Water-cooled	Type:	Screw	
			# of Stages:	1	
3	Full Load Operating Pressure ^b		102	psig ^b	
4	Drive Motor Nominal Rating		40	hp	
5	Drive Motor Nominal Efficiency		95	percent	
6	Fan Motor Nominal Rating (if applicable)		1.8	hp	
7	Fan Motor Nominal Efficiency		80	percent	
8*	Input Power (kW)		Capacity (acfm) ^{a,d}	Specific Power (kW/100 acfm) ^d	l
	40.2 Max		231.4	17.4	
	34.3		203.0	16.9	
	31.7		189.5	16.7	
	26.7		161.7	16.5	
	19.8		119.7	16.5	
	6.4 Min		34.3	18.7	
9*	Total Package Input Power at Zero Flow ^{c, d}		0.0	kW	
10	Isentropic Effecien	cy	80.00	%	
11	Specific Power (kW/100 ACFM)	5.0			
		Note: Graph is only a Note: Y-Axis Scale, 10 to 35	75.0 100.0 125.0 Capacity (ACFM) visual representation of the data in 5, + 5kW/100acfm increments if nece c, 0 to 25% over maximum capacity	150.0 175.0 200.0 225.0 250.0 Section 8 ssary above 35	

^{*}For models that are tested in the CAGI Performance Verification Program, these items are verified by the third party administrator.

Consult CAGI websitefor a list of participants in the third party verification program: www.cagi.org

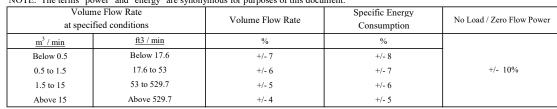
NOTES:

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.

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- b. The operating pressure at which the Capacity (Item 8) and Electrical Consumption (Item 8) 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.





12/19 Rev 3 This form was developed by the Compressed Air and Gas Institute for the use of its members participating in the PVP. CAGI has not independently verified the reported data