

COMPRESSOR DATA SHEET

Rotary Compressor: Variable Frequency Drive

MODEL DATA - FOR COMPRESSED AIR				
1	Manufacturer:	Atlas Copco		
2	Model Number:	GA18VSD+-175 AP	Date:	7/5/2018
	X Air-cooled	Water-cooled	Туре:	Screw
	X Oil-injected Oil-free		# of Stages:	1
3	Rated Operating Pressure		125	psig ^b
4	Drive Motor Nominal Rating		25	hp
5	Drive Motor Nominal Efficiency		94.8	percent
6	Fan Motor Nominal Rating (if applicable)		1	hp
7	Fan Motor Nominal Efficiency		76	percent
8*	Input Power (kW)		Capacity (acfm) ^{a,d}	Specific Power (kW/100 acfm) ^d
	23.0 Max		118.9	19.34
	21.4		111.3	19.22
	18.4		94.4	19.50
	13.4		65.0	20.60
	10.9		50.5	21.60
	8.3 Min		34.2	24.28
9*	Total Package Input Power at Zero Flow ^{c, d}		0.0	kW
10	35.00 30.00 25.00 15.00 0.0 25.0 50.0 75.0 100.0 125.0 Capacity (ACFM) Note: Graph is only a visual representation of the data in Section 8 Note: Y-Axis Scale, 10 to 35, + 5kW/100acfm increments if necessary above 35 X-Axis Scale, 0 to 25% over maximum capacity			ion 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

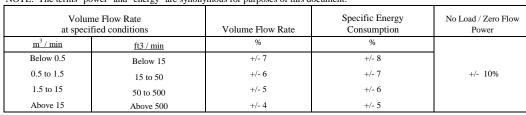
a. Measured at the discharge terminal point of the compressor package in accordance with ISO 1217, Annex E; acfm is actual cubic feet per minute at inlet conditions.

Member

NOTES:

- 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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711 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.