COMPRESSOR DATA SHEET

Rotary Compressor: Variable Frequency Drive

COMP	MODEL DATA - FOR		
1	Manufacturer: Quincy Compress	or	
2	Model Number: QGDV 25	Date:	Feb-1
	X Air-cooled Water-cooled	Туре:	Screw
	X Oil-injected Oil-free	# of Stages:	Single
3	Rated Operating Pressure	100	psig ^b
4	Drive Motor Nominal Rating	25	hp
5	Drive Motor Nominal Efficiency	91	percent
6	Fan Motor Nominal Rating (if applicable)	1	hp
7	Fan Motor Nominal Efficiency	65	percent
8*	Input Power (kW)	Capacity (acfm) ^{a,d}	Specific Power (kW/100 acfm) ^d
	25.3 Max	127.1	19.9
	21.2	110.4	19.2
	16.5	85.4	19.3
	13.9	69.3	20.1
	9.2	39.6	23.2
	8.0 Min	33.5	23.9
9*	Total Package Input Power at Zero Flow ^{c, c}	0.0	kW
10	35.0		
	30.0		
	Specific Power 75.0 - 2		
	20.0 - (kW/1)		
	15.0		
	0.0 25.0 50.0	75.0 100.0	125.0 150.0
	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		

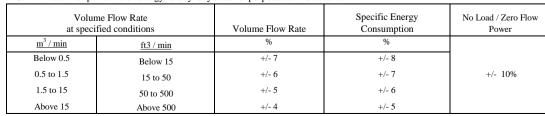
*For models that are tested in the CAGI Performance Verification Program, these items are verified by program administrator

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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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