COMPRESSOR DATA SHEET

Rotary Compressor: Variable Frequency Drive

MODEL DATA - FOR COMPRESSED AIR			
1	Manufacturer: Quincy Compressor		
2	Model Number: QGDV 15	Date:	Dec-16
	X Air-cooled Water-cooled	Type:	Screw
	X Oil-injected Oil-free	# of Stages:	Single
3	Rated Operating Pressure	100	$psig^b$
4	Drive Motor Nominal Rating	15	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
	15.1 Max	79.7	18.9
	12.8	65.3	19.6
	10.7	52.8	20.2
	9.2	42.2	21.8
	7.1	30.5	23.2
	6.4 Min	26.1	24.5
9*	Total Package Input Power at Zero Flow ^{c, d}	0.0	kW
10	Note: Graph is only a visual r Note: Y-Axis Scale, 10 to 35, + 5kV	50.0 75.0 city (ACFM) epresentation of the data in Section 1/100acfm increments if necessary a 5% over maximum capacity	100.0 on 8 obove 35

*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:

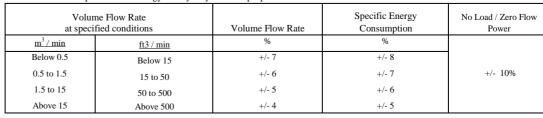
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NOTES:

Member

- 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.