COMPRESSOR DATA SHEET

Rotary Compressor: Variable Frequency Drive

MODEL DATA - FOR COMPRESSED AIR			
1	Manufacturer: Quincy Compressor		
2	Model Number: QGV 60	Date:	Nov-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	60	hp
5	Drive Motor Nominal Efficiency	94.5	percent
6	Fan Motor Nominal Rating (if applicable)	2.2	hp
7	Fan Motor Nominal Efficiency	85	percent
8*	Input Power (kW)	Capacity (acfm) ^{a,d}	Specific Power (kW/100 acfm) ^d
	52.8 Max	302.8	17.3
	47.3	273.9	17.1
	38.5	218.5	17.5
	31.6	175.5	17.9
	19.2	98.1	19.5
	14.6 Min	67.0	21.6
9*	Total Package Input Power at Zero Flow ^{c, d}	5.4	kW
10	Ca Note: Graph is only a visus Note: Y-Axis Scale, 10 to 35, +5	150.0 175.0 200.0 225.0 250.0 pacity (ACFM) Il representation of the data in Section kW/100acfm increments if necessary as 25% over maximum capacity	on 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:

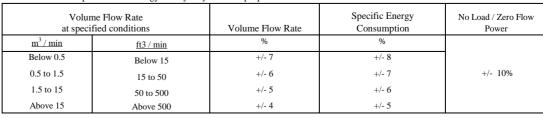
Member

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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7 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.