## COMPRESSOR DATA SHEET

## **Rotary Compressor: Variable Frequency Drive**

		ATA - FOR C	OMPRESSED AIR	
1	Manufacturer: Qu	incy Compressor		
2	Model Number: QG	3DV 25	Date:	Feb-1
	X Air-cooled	Water-cooled	Type:	Screw
	X Oil-injected	Oil-free	# of Stages:	Single
3	Rated Operating Pressure		125	psig <sup>b</sup>
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) <sup>a,d</sup>	Specific Power (kW/100 acfm) <sup>d</sup>
	25.7	Max	117.6	21.9
	21.4		100.2	21.4
	18.5		84.1	22.0
	15.6		69.1	22.6
	12.6		53.4	23.6
	9.8	Min	35.2	27.9
9*	Total Package Input Power at Zero Flow <sup>c, d</sup>		0.0	kW
10		ote: Graph is only a visual	75.0 100 acity (ACFM) representation of the data in Sectio W/100acfm increments if necessary a	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:

NOTES:

a. Measured at the discharge terminal point of the compressor package in accordance with

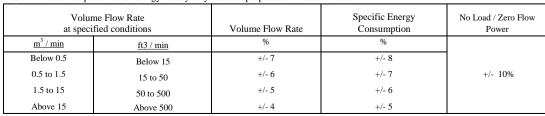
ISO 1217, Annex E; acfm is actual cubic feet per minute at inlet conditions.

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.



ROT 031

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