COMPRESSOR DATA SHEET

	•			Frequency Drive PRESSED AIR	
1		as Copco			
	Model Number: GA 160 VSD-150 (W)		Date:	04-01-2015	
2	Air-cooled X Water-cooled		Type:	Screw	
	X Oil-injected Oil-free			# of Stages:	1
3	Rated Operating Pressure		150	psig ^b	
4	Drive Motor Nominal Rating		215	hp	
5	Drive Motor Nominal Efficiency		94.9	percent	
6	Fan Motor Nominal Rating (if applicable)		0.9	hp	
7	Fan Motor Nominal Efficiency		30.0	percent	
	Input Power (kW)			Capacity (acfm) ^{a,d}	Specific Power (kW/100 acfm) ^d
	201.4 Max		Max	966.0	20.85
Outs	180.4			874.0	20.64
8*	164.4			798.0	20.60
	133.9			645.0	20.76
	104.9		489.0	21.45	
	62.9 Min		251.0	25.06	
9*	Total Package Input Power at Zero Flow ^{c, d}			0.0	kW
10	35.00				
	30.00				
	Specific Power (kW/100 ACFM)				
	Sp. 20.00				
	15.00				
	10.00 0 50 100 150 200 250 300 350 400 450 Capacity (AC				00 850 900 950 1000
	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

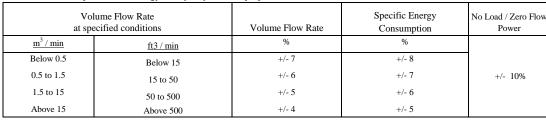
NOTES: a. Measured at the discharge terminal point of the compressor package in accordance with

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.



ROT 031

Member

Compressed Air & Gas Institute