COMPRESSOR DATA SHEET

Rotary Compressor: Variable Frequency Drive

	MODEL DATA -	FOR COM	IPRESSED AIR	
1	Manufacturer: Atlas Copco			
2	Model Number: ZR 75VSD-150		Date:	12-14-2018
	Air-cooled x Water-cooled		Туре:	Screw
	Oil-injected x Oil-free		# of Stages:	2
3	Rated Operating Pressure		150	psig ^b
4	Drive Motor Nominal Rating		101	hp
5	Drive Motor Nominal Efficiency		93.4	percent
6	Fan Motor Nominal Rating (if applicable)		-	hp
7	Fan Motor Nominal Efficiency		-	percent
	Input Power (kW)		Capacity (acfm) ^{a,d}	Specific Power (kW/100 acfm) ^d
	91.4	Max	378	24.2
OΨ	82.2		334	24.6
8*	73.4		291	25.2
	64.9		247	26.3
	56.8 Min		203	28.0
9*	Total Package Input Power at Zero F	Flow ^{c, d}	12.7	kW
10	35.0 35.0 35.0 35.0 30.0 25.0 20.0 15.0 10.0 200	250 Capacity (AC		50 400

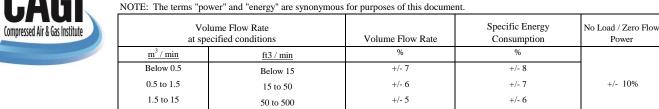
*For models that are tested in the CAGI Performance Verification Program, these items are verified by program administrator Consult CAGI website for a list of participants in the third party verification program: www.cagi.org

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:

Above 15



ROT 031

Above 500 10/11 R7 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.