COMPRESSOR DATA SHEET

Federal Uniform Test Method for Certain Air Compressors Not Applicable

Rotary Compressor: Variable Frequency Drive

	MODEL DATA - FOR CO	MPRESSED AIR	
1	Manufacturer: Atlas Copco		
	Model Number: ZT 145 VSD+	Date:	06-23-2021
2	✓ Air-cooled Water-cooled	Туре:	Screw
	☐ Lubricated ✓ Oil-free	# of Stages:	2
3	Full Load Operating Pressure*(b)	125.0	psig*(b)
4	Drive Motor Nominal Rating	100.6 & 100.6	hp
5	Drive Motor Nominal Efficiency	97.0 & 97.0	percent
6	Fan Motor Nominal Rating (if applicable)	11.8	hp
7	Fan Motor Nominal Efficiency	69.9	percent
	Input Power (kW)	Capacity (acfm) *(a,d)	Specific Power (kW/100 acfm)*(d
	159.9 Max	811.4	19.7
8*	125.1	649.8	19.3
	94.8	488.2	19.4
	67.2	326.5	20.6
	40.6 Min	164.9	24.6
9*	Total Package Input Power at Zero Flow*(c,d)	0.0	kW
10	Specific Power (KW/100ACFM) 10 0 200 40 Ca	pacity (ACFM)	800 1000

*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

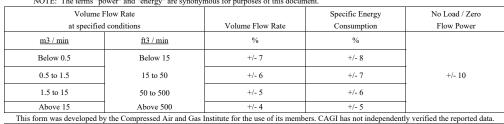
Notes:

Member

Compressed Air & Gas Institute

- 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.
- The operating pressure at which the Capacity and Electrical Consumption were measured for this data sheet.
- 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.
- 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 031.2

12/19 R3