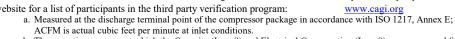


COMPRESSOR DATA SHEET

In Accordance With Federal Uniform Test Method for Certain Lubricated Air Compressors **Rotary Compressor: Variable Frequency Drive**

MODEL DATA - FOR COMPRESSED AIR							
1	Manufacturer: Hertz Kompressor	en					
2	Model Number: IMPETUS VSD 20	Date:	03/07/23				
	X Air-cooled Water-cooled	Type:	Screw				
	X Oil-injected Oil-free	# of Stages:	2				
3	Rated Operating Pressure	150	psig ^b				
4	Drive Motor Nominal Rating	270	hp				
5	Drive Motor Nominal Efficiency	97	percent				
6	Fan Motor Nominal Rating (if applicable)	7.0 / 3.0	hp				
7	Fan Motor Nominal Efficiency	88 / 84	percent				
	Input Power (kW)	Capacity (acfm) ^{a,d}	Specific Power (kW/100 acfm) ^d				
	259.7 N	ax 1272.3	20.41				
	221.6	1090.7	20.32				
8*	186.3	918.9	20.27				
	155.8	763.2	20.41				
	121.7	587.7	20.71				
	90.6 N	lin 405.8	22.34				
9*	Total Package Input Power at Zero Flow ^{c, d}	36.6	kW				
10	Isentropic Efficiency	81.1	Percent				
11	Note: Graph is only a visi	750 900 1050 1200 1350 Apacity (ACFM) all representation of the data in Section SkW100acfm increments if necessary	1500 1650 1800				

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



- b. The operating pressure at which the Capacity (Item 8) and Electrical Consumption (Item 8) 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.

Member

Compressed Air & Gas Institute

NOTES:

Volume Flow Rate			Specific Energy	
at specified conditions		Volume Flow Rate	Consumption	No Load / Zero Flow Power
m ³ / min	ft³ / min	%	%	%
Below 0.5	Below 17.6	+/- 7	+/- 8	
0.5 to 1.5	17.6 to 53	+/- 6	+/- 7	+/- 10%
1.5 to 15	53 to 529.7	+/- 5	+/- 6	
Above 15	Above 529.7	+/- 4	+/- 5	

12/19 Rev 3 This form was developed by the Compressed Air and Gas Institute for the use of its members participating in the PVP. CAGI has not independently verified the reported data.