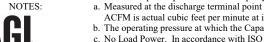


COMPRESSOR DATA SHEET

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 Kompressoren							
	Model Number: IMPETUS VSD 200	Date:	03/07/23					
2	X Air-cooled Water-cooled	Type:	Screw					
	X Oil-injected Oil-free	# of Stages:	2					
3	Rated Operating Pressure	100	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					
	253.3 Max	1515.6	16.71					
0.*	212.7	1296.7	16.41					
8*	175.1	1071.0	16.35					
	137.0	856.4	16.00					
	103.0	636.1	16.19					
	70.2 Min	409.7	17.14					
9*	Total Package Input Power at Zero Flow ^{c, d}	36.6	kW					
10	Isentropic Efficiency	79.5	Percent					
11		900 1050 1200 1350 ty (ACFM) presentation of the data in Section	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:



- te for a list of participants in the third party verification program: www.cagi.org
 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.
- ACTM is actual cutoff eet per limite at finet conditions.

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

Vo	olume Flow Rate		Specific Energy	<u> </u>
at sp	pecified conditions	Volume Flow Rate	Consumption	No Load / Zero Flow Power
m ³ / min	ft ³ / 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.