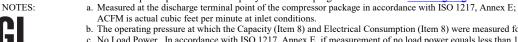


COMPRESSOR DATA SHEET

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						
2	Model Number: IMPETUS VSD 315	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	425	hp				
5	Drive Motor Nominal Efficiency	96.7	percent				
6	Fan Motor Nominal Rating (if applicable)	10.0 / 3.0	hp				
7	Fan Motor Nominal Efficiency	84 / 89	percent				
	Input Power (kW)	Capacity (acfm) ^{a,d}	Specific Power (kW/100 acfm) ^d				
	393.4 Max	1908.4	20.61				
	339.6	1672.4	20.31				
8*	279.9	1380.7	20.27				
	229.1	1127.7	20.31				
	173.3	850.0	20.39				
	129.5 Min	576.6	22.46				
9*	Total Package Input Power at Zero Flow ^{c, d}	73.0	kW				
10	Isentropic Efficiency	80.3	Percent				
11	Capacit	0 1200 1350 1500 1650 1800 19 ty (ACFM) presentation of the data in Section	n 8				

*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: www.cagi.org



- ACFM is actual cubic feet per minute at inlet conditions.
- ACFM is actual cubic leed per limitude at inter-conditions.

 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

Vo	olume Flow Rate		Specific Energy	
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.