



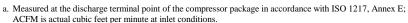
Federal Uniform Test Method for Certain Air Compressors Not Applicable

Rotary Compressor: Variable Frequency Drive

MODEL DATA - FOR COMPRESSED AIR								
1	Manufacturer:	Kaishan Compressor L	JSA					
	Model Number:	KRSP2-450-125 VSD		Date:	07/12/21			
2	X Air-cooled Water-cooled			Type:				
	X Lubricated	Oil Free		# of Stages:	2			
3*	Full Load Operating Pressure ^b		125	psig				
4	Drive Motor Nomina		450		hp			
5	Drive Motor Nominal Efficiency		96.2	percent				
6	Fan Motor Nominal Rating (if applicable)		15&4	hp				
7	Fan Motor Nominal I	Efficiency	91.7&89.1	percent				
	Input Power (kW))	Capacity (acfm) ^{a,d}	Specific Power (kW/100 acfm) ^d				
	409.4		2350	17.42				
8*	290.7		1645	17.67				
	253.8		1410	18.00				
	217.0		1175	18.47				
	176.0		940	18.72				
9*		otal Package Input Power at Zero Flow c, d		kW				
10	Isentropic Efficiency		84.11	%				
11	35.00 30.00 30.00 (kW/100 4 CEW) 25.00 20.00							
	15.00	Note: Graph is only a visit Note: Y-Axis Scale, 10 to 35, +	1000 1500 Capacity (ACFM) ual representation of the data in 5 5kW100acfm increments if necess to 25% over maximum capacity		2500			

*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

NOTES



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

 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.



Volume Flow Rate at specified conditions		Volume Flow Rate Specific Energy Consumption		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	17 1070
Above 15	Above 529.7	+/- 4	+/- 5	

ROT 031.2

12/19 R3 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.