



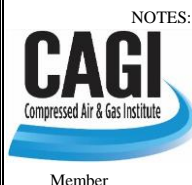
COMPRESSOR DATA SHEET

Federal Uniform Test Method for Certain Air Compressors Not Applicable

Rotary Compressor: Variable Frequency Drive

MODEL DATA - FOR COMPRESSED AIR			
1	Manufacturer: Ingersoll Rand		
2	Model Number	IRN200H-OF	Date: 02/20/20
	<input type="checkbox"/> Air-cooled <input checked="" type="checkbox"/> Water-cooled		Type: Screw
	<input type="checkbox"/> Lubricated <input checked="" type="checkbox"/> Oil-Free		# of Stages: 2
3*	Full Load Operating Pressure ^b	125	psig ^b
4	Drive Motor Nominal Rating	200	hp
5	Drive Motor Nominal Efficiency	96.0	percent
6	Fan Motor Nominal Rating (if applicable)	1	hp
7	Fan Motor Nominal Efficiency	82.5	percent
8*	Input Power (kW)	Capacity (acfm) ^{a,d}	Specific Power (kW/100 acfm) ^d
	181.8	842	21.58
	165.3	767	21.54
	148.4	687	21.59
	131.1	602	21.78
	113.5	512	22.18
9*	Total Package Input Power at Zero Flow ^{c, d}		0.0 kW
	<div style="text-align: center;"> <p>Note: Graph is only a visual representation of the data in Section 8 Note: Y-Axis Scale, 10 to 35, + 5kW/100acfm increments if necessary above 35 X-Axis Scale, 0 to 25% over maximum capacity</p> </div>		
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*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:
- 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 (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.
 - 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	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	