

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: Gardner Denver			
2	Model Number: L11RS-15hp-130psi		Date:	12/12/25
	☒ Air-cooled ☐ Water-cooled		Type:	Screw
			# of Stages:	1
3*	Full Load Operating Pressure ^b	130	psig ^b	
4	Drive Motor Nominal Rating	15	hp	
5	Drive Motor Nominal Efficiency	91.0	percent	
6	Fan Motor Nominal Rating (if applicable)	N/A	hp	
7	Fan Motor Nominal Efficiency	N/A	percent	
8*	Input Power (kW)	Capacity (acfm) ^{a,d}		Specific Power (kW/100 acfm) ^d
	14.45	57.2		25.25
	12.19	48.9		24.92
	10.03	40.1		25.01
	7.99	30.8		25.90
	6.06	21.0		28.91
	5.75	19.3		29.84
9*	Total Package Input Power at Zero Flow ^{c,d}		1.3	kW
10	Isentropic Efficiency		60.75	%
11	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			

*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



- 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.
- 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
ROT 031.1

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	+/- 10%
0.5 to 1.5	17.6 to 53	+/- 6	+/- 7	
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.