CCN 47830555001 Rev B ECN 1504

## Gardner Denver

## COMPRESSOR DATA SHEET

Federal Uniform Test Method for Certain Air Compressors Not Applicable

	Rotary Compressor: Variable Frequ MODEL DATA - FOR COMPRES		
1	Manufacturer: Gardner Denver	~	-
	Model Number PureAir TVS132	Date:	June 2024
2	Air-cooled X Water-cooled	Type:	Screw
	Oil Injected X Oil-Free	# of Stages:	2
3*	Full Load Operating Pressure <sup>b</sup>	115	psig <sup>b</sup>
4	Drive Motor Nominal Rating	175	hp
5	Drive Motor Nominal Efficiency	95.4%	percent
6	Fan Motor Nominal Rating (if applicable)	1.2	hp
7	Fan Motor Nominal Efficiency	82.5%	percent
	Input Power (kW)	Capacity (acfm) a,d	Specific Power (kW/100 acfm) <sup>d</sup>
	<b>157.3</b> Max	836	18.82
	134.8	729	18.50
8*	113.1	618	18.30
	92.2	503	18.32
	72.4	386	18.76
	53.7 Min	266	20.19
9*	Total Package Input Power at Zero Flow <sup>c, d</sup>	0.0	kW
	25	·	
10	25 (KW) 200 (C) 200 (C	800	1000 1200
	Capacity (ACFM)	000	1200
	Note: Graph is only a visual representation of	the data in section 8	

\* For models that are tested in the CAGI Performance verification Program, these items are verified by program administrator

Consult CAGI website for a list of participants in the third party verification program:

NOTES:

a. Measured at the discharge terminal point of the

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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.

Note: Y-axis scale 10 to 35, +5kW/100acfm increments if necessary above 35 X-Axis Scale, 0 to 25% over maximum capacity

- b. The operating pressure at which the Capacity and Electrical Consumption 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%
- 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

Specific Energy No Load / Zero Flow Consumption Power at specified conditions Volume Flow Rate Below 0.5 Below 17.6 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 This form was developed by the Compressed Air and Gas Institute for the use of its members. CAGI has not independently verified the reported data

Member:

Compressed Air & Gas Institute

ROT 031.2

Member:

12/19 R3