## **COMPRESSOR DATA SHEET**



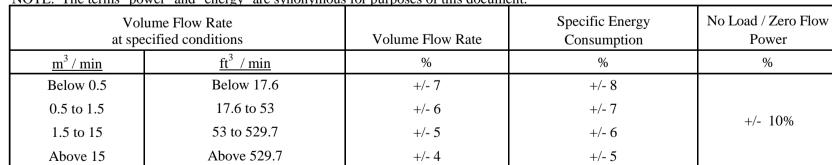
## Federal Uniform Test Method for Certain Air Compressors Not Applicable Rotary Compressor: Fixed Speed

**MODEL DATA - FOR COMPRESSED AIR** Manufacturer: **Gardner Denver** 1 1/4/2021 Model Number: L290-340hp-125psi Date: 2  $\mathbf{X}$ Water-cooled Air-cooled Screw Type: # of Stages: Oil-injected Oil-free 1 Rated Capacity at Full Load Operating Pressure a, e acfm<sup>a,e</sup> 3\* 1548.0 Full Load Operating Pressure b 125 4 psig Maximum Full Flow Operating Pressure c psig<sup>c</sup> 5 **130** Drive Motor Nominal Rating 6 **340** hp **Drive Motor Nominal Efficiency** 7 **95.8** percent Fan Motor Nominal Rating (if applicable) 8 3.0 / 10.1 hp Fan Motor Nominal Efficiency 9 86.7 / 90.4 percent Total Package Input Power at Zero Flow  $kW^{e}$ 10\* 84 Total Package Input Power at Rated Capacity and  $kW^{d}$ 11 305.55 Full Load Operating Pressure<sup>d</sup> Specific Package Input Power at Rated Capacity 12\* 19.74  $kW/100 cfm^e$ and Full Load Operating Pressure

NOTES:

- a. Measured at the discharge terminal point of the compressor package in accordance with ISO 1217, Annex C; ACFM is actual cubic feet per minute at inlet conditions.
- b. The operating pressure at which the Capacity (Item 3) and Electrical Consumption (Item 11) were measured for this data sheet.
- c. Maximum pressure attainable at full flow, usually the unload pressure setting for load/no load control or the maximum pressure attainable before capacity control begins. May require additional power.
- d. Total package input power at other than reported operating points will vary with control strategy.
- e. Tolerance is specified in ISO 1217, Annex C, as shown in table below:

NOTE: The terms "power" and "energy" are synonymous for purposes of this document.



Member

ROT 030.2

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.

Configurator: L160-290C

<sup>\*</sup>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