## **COMPRESSOR DATA SHEET**



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

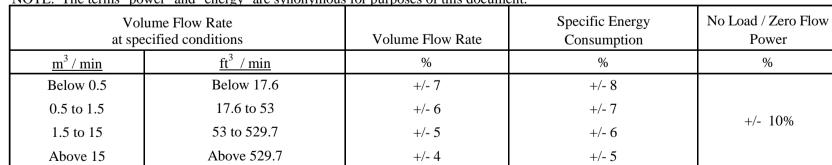
**MODEL DATA - FOR COMPRESSED AIR** Manufacturer: **Gardner Denver** 1 5/11/2021 Model Number: **ENV T165-125psi** Date: 2 Air-cooled Water-cooled **Screw** Type: Oil-free 2 Oil-injected # of Stages: Rated Capacity at Full Load Operating Pressure a, e acfm<sup>a,e</sup> 3\* 988.8 Full Load Operating Pressure b 125 4 psig Maximum Full Flow Operating Pressure c psig<sup>c</sup> 5 125 **Drive Motor Nominal Rating** 6 214 hp **Drive Motor Nominal Efficiency** 7 95.4 percent Fan Motor Nominal Rating (if applicable) 8 1.5 hp Fan Motor Nominal Efficiency 9 86.5 percent Total Package Input Power at Zero Flow  $kW^{e}$ 10\* 43.1 Total Package Input Power at Rated Capacity and  $kW^{d}$ 11 188.40 Full Load Operating Pressure Specific Package Input Power at Rated Capacity 12\* 19.05  $kW/100 cfm^e$ and Full Load Operating Pressure

\*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:

- 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: ENVT165-315A