## **COMPRESSOR DATA SHEET**

**Rotary Compressor: Fixed Speed** 

| MODEL DATA - FOR COMPRESSED AIR |   |              |                         |
|---------------------------------|---|--------------|-------------------------|
| 1                               | Manufacturer: Quincy Compressor   |              |                         |
|                                 | Model Number: QSI500i   | Date:        | Aug-11                  |
| 2                               | Air-cooled X Water-cooled   | Type:        | Screw                   |
|                                 | X Oil-injected Oil-free   | # of Stages: | Single                  |
|                                 | Rated Capacity at Full Load Operating   |              |                         |
| 3*                              | Pressure a, e   | 490          | acfm <sup>a,e</sup>     |
| 4                               | Full Load Operating Pressure b  | 125          | psig <sup>b</sup>       |
| 5                               | Maximum Full Flow Operating Pressure c  | 140          | psig                    |
| 6                               | Drive MotorNominal Rating   | 125          | hp                      |
| 7                               | Drive Motor Nominal Efficiency  | 95           | percent                 |
| 8                               | Fan Motor Nominal Rating (if applicable)  | 0            | hp                      |
| 9                               | Fan Motor Nominal Efficiency  | N/A          | percent                 |
| 10*                             | Total Package Input Power at Zero Flow <sup>e</sup>                                       | 25.74        | kW <sup>e</sup>         |
| 11                              | Total Package Input Power at Rated Capacity and Full Load Operating Pressure <sup>d</sup> | 95.2         | $kW^d$                  |
| 12*                             | Specific Package Input Power at Rated Capacity and Full Load Operating Pressure           | 19.4         | kW/100 cfm <sup>e</sup> |

\*For models that are tested in the CAGI Performance Verification Program, these items are verified by the third party administrator.

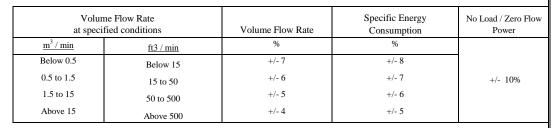
Consult CAGI websitefor a list of participants in the third party verification program: <a href="www.cagi.org">www.cagi.org</a>

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.

Member:

- 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:



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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.