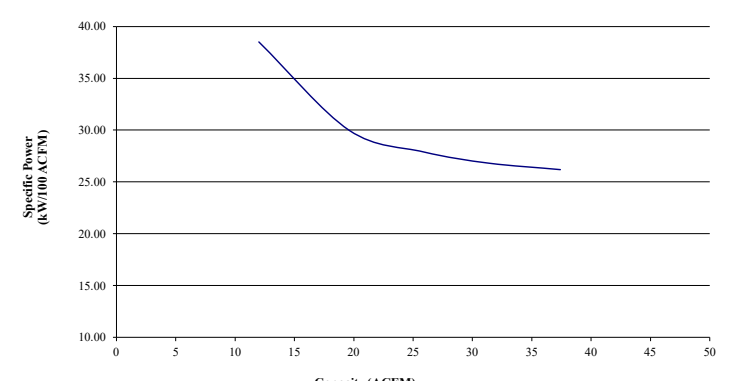


COMPRESSOR DATA SHEET
In Accordance With Federal Uniform Test Method for Certain Lubricated Air Compressors
Rotary Compressor: Variable Frequency Drive
MODEL DATA - FOR COMPRESSED AIR

| | | | |
|----|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------|-------------------------------------------|
| 1 | Manufacturer: Chicago Pneumatic | | |
| 2 | Model Number: CPVsd 10 8kW | Date: | 08/16/23 |
| | <input checked="" type="checkbox"/> Air-cooled <input type="checkbox"/> Water-cooled | Type: | Screw |
| | | # of Stages: | 1 |
| 3* | Full Load Operating Pressure ^b | 145 | psig ^b |
| 4 | Drive Motor Nominal Rating | 10 | hp |
| 5 | Drive Motor Nominal Efficiency | 91.0 | percent |
| 6 | Fan Motor Nominal Rating (if applicable) | 0.45 | hp |
| 7 | Fan Motor Nominal Efficiency | 32.0 | percent |
| 8* | Input Power (kW) | Capacity (acfm) ^{a,d} | Specific Power (kW/100 acfm) ^d |
| | 9.8 | 37 | 26.20 |
| | 8.4 | 31 | 26.80 |
| | 7.2 | 26 | 27.90 |
| | 5.9 | 20 | 30.00 |
| | 4.6 | 12 | 38.50 |
| 9* | Total Package Input Power at Zero Flow ^{c, d} | 0.0 | kW |
| 10 | Isentropic Efficiency | 52.00 | % |
| 11 |  <p style="text-align: center;"> Note: Graph is only a visual representation of the data in Section 8 <small>Note: Y-Axis Scale, 10 to 35, + 5kW/100acfm increments if necessary above 35 X-Axis Scale, 0 to 25% over maximum capacity</small> </p> | | |

*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



Member

NOTES:

- 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.
- The operating pressure at which the Capacity (Item 8) and Electrical Consumption (Item 8) were measured for this data sheet.
- 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.
- 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.

| Volume Flow Rate at specified conditions | | Volume Flow Rate | Specific Energy Consumption | No Load / Zero Flow Power |
|------------------------------------------|-----------------------|------------------|-----------------------------|---------------------------|
| m ³ / min | ft ³ / min | % | % | % |
| Below 0.5 | Below 17.6 | +/- 7 | +/- 8 | |
| 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 | +/- 4 | +/- 5 | |

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