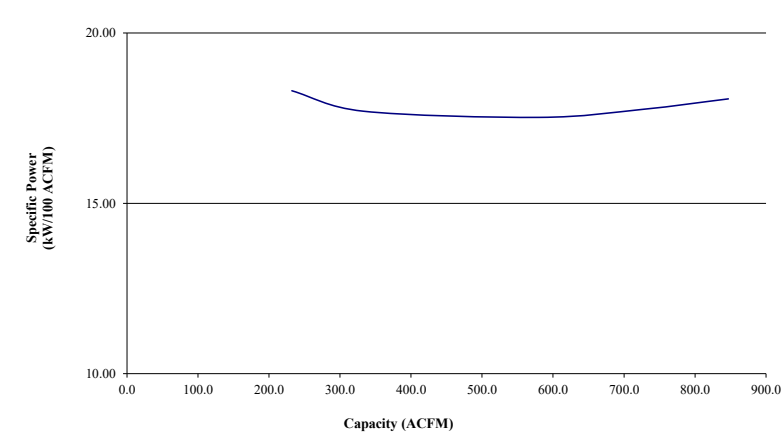


In Accordance With Federal Uniform Test Method for Certain Lubricated Air Compressors

Rotary Compressor: Variable Frequency Drive

MODEL DATA - FOR COMPRESSED AIR				
1	Manufacturer: Chicago Pneumatic			
2	Model Number: CPVS 175 at 102psi		Date:	6/18/2026
	☒ Air-cooled	☐ Water-cooled	Type:	Screw
			# of Stages:	1
3*	Full Load Operating Pressure ^b	102	psig ^b	
4	Drive Motor Nominal Rating	175	hp	
5	Drive Motor Nominal Efficiency	95.4	percent	
6	Fan Motor Nominal Rating (if applicable)	4.3	hp	
7	Fan Motor Nominal Efficiency	89.5	percent	
8*	Input Power (kW)		Capacity (acfm) ^{a,d}	Specific Power (kW/100 acfm) ^d
	153.0		846.9	18.07
	128.9		725.9	17.76
	101.7		580.4	17.52
	58.9		332.7	17.70
	42.5		232.2	18.30
9*	Total Package Input Power at Zero Flow ^{c, d}		0.0	kW
10	Isentropic Efficiency		75.9%	%
11	 Note: Graph is only a visual representation of the data in Section 8 Note: Y-Axis Scale, 10 to 35, + 5kW/100acfm increments if necessary above 35 X-Axis Scale, 0 to 25% over maximum capacity			

*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 E;
ACFM is actual cubic feet per minute at inlet conditions.
- b. The operating pressure at which the Capacity (Item 8) and Electrical Consumption (Item 8) 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%, 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.



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	+/- 10%
0.5 to 1.5	17.6 to 53	+/- 6	+/- 7	
1.5 to 15	53 to 529.7	+/- 5	+/- 6	
Above 15	Above 529.7	+/- 4	+/- 5	