## **COMPRESSOR DATA SHEET**

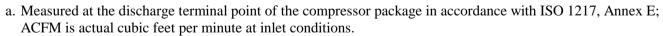
**Rotary Compressor: Variable Displacement** 

MODEL DATA - FOR COMPRESSED AIR								
1	Manufacturer:		Chicago Pneumatic					
2	Model Number: CPVSd 15				Date:		15/16	
	x Air-co	oled	Water-cooled	Type:	Se	crew		
	x Oil-injected Oil-free				# of Stages:	# of Stages:		
3	Rated Operatin	g Pressure	ıre 150				$\operatorname{sig}^{\operatorname{b}}$	
4	Drive Motor Nominal Rating				15	hp		
5	Drive Motor Nominal Efficiency				91.0	percent		
6	Fan Motor Nominal Rating (if applicable)				N/A	hp		
7	Fan Motor Nor	Fan Motor Nominal Efficiency				percent		
8*		Input	Power (kW)	Capacity (acfm) <sup>a,d</sup>	_	ic Power 00 acfm) <sup>d</sup>		
		1	3.4	51.9	25.10			
		1	1.6		47.6	23.60		
			9.1	34.4	26.10			
	7.3				25.0	28.70		
	4.9 Min				12.7	37.10		
9*	Total Package	Input Powe	er at Zero Flow <sup>c, d</sup>		0.0	kW		
10	Specific Power (kW/100 ACFM)	40.00 35.00 30.00 25.00 20.00 15.00 10.00	Cap  Note: Graph is only a visual  Note: Y-Axis Scale, 10 to 35, + 5k  X-Axis Scale, 0 to	kW/100acfm incren	nents if necessary above 35	50.0		

\*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:



- b. The operating pressure at which the Capacity and Electrical Consumption 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.

## Member

r									
Volume Flow Rate at specified conditions		Volume Flow Rate	Specific Energy Consumption	No Load / Zero Flow Power					
m <sup>3</sup> / min	<u>ft3 / min</u>	%	%						
Below 0.5	Below 15	+/- 7	+/- 8						
0.5 to 1.5	15 to 50	+/- 6	+/- 7	+/- 10%					
1.5 to 15	50 to 500	+/- 5	+/- 6						
Above 15	Above 500	+/- 4	+/- 5						

ROT 032

8/14 R1

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.