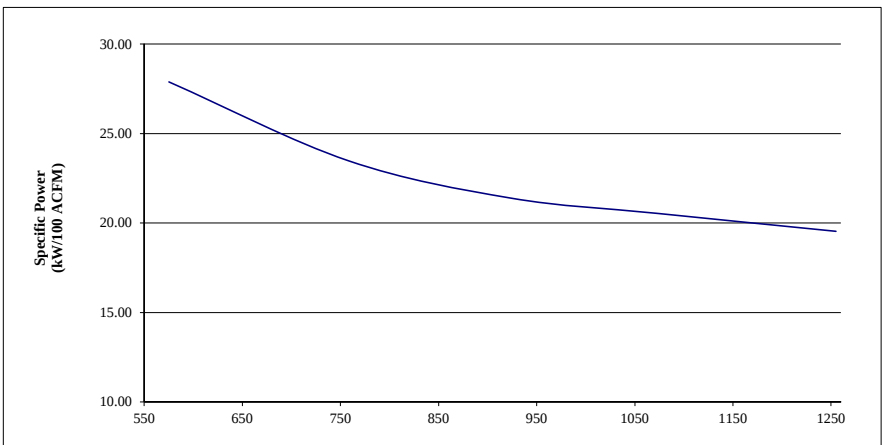


COMPRESSOR DATA SHEET

Rotary Compressor: Variable Displacement

MODEL DATA - FOR COMPRESSED AIR

1	Manufacturer: Quincy Compressor		
2	Model Number: QSI-1250 PowerSync Option		Date: 06/01/16
	☒ Air-cooled ☐ Water-cooled	Type:	Screw
	☒ Oil-injected ☐ Oil-free	# of Stages:	1
3	Rated Operating Pressure	125	psig ^b
4	Drive Motor Nominal Rating	300	hp
5	Drive Motor Nominal Efficiency	95.4	percent
6	Fan Motor Nominal Rating (if applicable)	10	hp
7	Fan Motor Nominal Efficiency	88	percent
8*	Input Power (kW)	Capacity (acfm) ^{a,d}	Specific Power (kW/100 acfm) ^d
	245.2 Max	1255	19.54
	220.4	1073	20.54
	197.6	924	21.39
	178.0	758	23.48
	160.4 Min	575	27.89
9*	Total Package Input Power at Zero Flow ^{c, d}		65.3 kW
10	 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:

- 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 and Electrical Consumption 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.



Member

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 15	+/- 7	+/- 8	+/- 10%
0.5 to 1.5	15 to 50	+/- 6	+/- 7	
1.5 to 15	50 to 500	+/- 5	+/- 6	
Above 15	Above 500	+/- 4	+/- 5	