COMPRESSOR DATA SHEET

Federal Uniform Test Method for Certain Air Compressors Not Applicable

Rotary Compressor: Variable Frequency Drive

	MODEL DATA - FOR		
1	Manufacturer: Atlas Copco		
2	Model Number: ZR 30 FLX-10 V	SD Date:	07-08-2025
	☐ Air-cooled	Type:	Tooth
	☐ Lubricated ☑ Oil-free	# of Stages:	2
3	Full Load Operating Pressure*(b)	145.0	psig*(b)
4	Drive Motor Nominal Rating	40.2 & 40.2	hp
5	Drive Motor Nominal Efficiency	96.3 & 96.3	percent
6	Fan Motor Nominal Rating (if applicable)	1.3	hp
7	Fan Motor Nominal Efficiency	54.0	percent
8*	Input Power (kW)	Capacity (acfm) *(a,d)	Specific Power (kW/100 acfm)*(d)
	33.9 N	Max 133.8	25.4
	30.0	119.2	25.2
	26.6	104.5	25.5
	24.0	89.9	26.7
	21.2 N	Min 75.3	28.1
9*	Total Package Input Power at Zero Flow*(c	out Power at Zero Flow*(c,d) 0.0	
10	Specific Power (kW/100ACFM) (kW/100ACFM) 15 0 20 40	60 80 100 120 Capacity (ACFM)	140 160

*For models that are tested in the CAGI Performance Verification Program, these items are verified by program administrator

Consult CAGI website for a list of participants in the third party verification program:

www.cagi.org

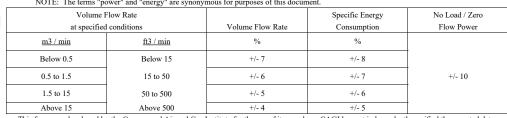
Notes:

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- 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



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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.