

MODEL DATA - FOR COMPRESSED AIR							
1	Manufacturer:	Atlas Copco					
2	Model No:	G7			Date: 21/07/2025		
	Y	Air Cooled			Type: OIS		
		Water Cooled			# of Stages: 1		
	Other	Please State:					
3*	Rated Capacity at Full Load Operating Pressure ^{a,e}			0.98	m ³ /min ^{a,e}		
4*	Full Load Operating Pressure ^b			9.50	bar g ^b		
5	Maximum Full Flow Operating Pressure ^c			10.00	bar g ^b		
6	Drive Motor Nominal Rating			7.00	kW		
7	Drive Motor Nominal Efficiency			90.10	% (percent)		
8	Fan Motor Nominal Rating (if applicable)			N/A	kW		
9	Fan Motor Nominal Efficiency				% (percent)		
10*	Total Package Input Power at Zero Flow ^e			2.68	kW ^e		
11	Total Package Input Power at Rated Capacity and Full Load Operating Pressure ^d			9.59	kW ^d		
12	Package Specific Power at Rated Capacity and Full Load Operating Pressure ^e			9.75	kW/m ³ /min ^e		
13	Isentropic Efficiency			57.30	% (percent)		

*For models that are tested in the BCAS Data Sheet & Verification Programme, these items are verified by the third party administrator. Consult BCAS website for a list of participants in the third party verification programme: www.bcas.org.uk

Notes:

- a. Measured at the discharge terminal point of the compressor in accordance with ISO1217, Annex E; m³/min is cubic metres per minute at inlet conditions.
- b. The operating pressure at which the capacity (item 3) and Electrical Consumption (Item 11) were measured for this data sheet.
- c. Maximum pressure attainable at full flow, usually the unload pressure setting for load / no load control or the maximum pressure attainable before capacity control begins. May require additional power.
- d. Total package input power at other than reported operating points will vary with control strategy.
- e. Tolerance is specified in ISO 1217, Annex C, as shown in table below:
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	%	%	%
Below 0.5	+/- 7	+/- 8	+/- 10
0.5 to 1.5	+/- 6	+/- 7	
1.5 to 15	+/- 5	+/- 6	
Above 15	+/- 4	+/- 5	