



Atlas Copco



**Oil-injected rotary
screw compressors**

G 2-22 kW, designed and built for Australia

Atlas Copco

Atlas Copco, based in Stockholm, Sweden and founded in 1873, is an industrial group with a world-leading position in compressors, construction and mining equipment, power tools and assembly systems. Atlas Copco provides optimised compressed air solutions through sustainable productivity.

Atlas Copco Australia

Our passionate people, expertise and unmatched service have been bringing sustainable value and innovations to wide range of Australian industries for over 70 years.

New G series: screw compressors built to last

Atlas Copco compressors have always set the standard for reliability and performance in the compressed air industry. With the new G 2-5 and G 7-22. Atlas Copco brings the power and durability of an industrial screw compressor to any type of small or medium sized industry.



Designed and built for Australia

Our G series compressors range are fully designed and built for the Australian conditions. We have included as standard the following features in the complete range:

- Air Receivers & Oil Separators* fully designed, built, and tested under the AS1210 Standard. Peace of mind when you need the right paperwork for your pressure vessels in Australia.
- All the electrical motors in the range are tested and registered under the Australian Greenhouse & Energy Minimum Standards (GEMS) Regulator meeting or exceeding the minimum energy efficiency required for Australia.
- Atlas Copco Elektronikon® Mk5S Touch Controller standard in the complete range.
- Tropical Thermostat to reduce the possibility of having oil condensate in the system.
- Electronic drain in the air receiver (Tank mounted units).

*G2 to 5 Oil Separators Hazard level "E" under AS4343 are excepted of the AS1210 registration.

Built-in reliability

- Rugged screw compressor technology for a 100% continuous duty cycle.
- Up to 46°C ambient temperature conditions thanks to the selection of robust components.
- Electro pneumatically operated inlet valve for stable running and a long life time.

Easy installation

- Wireless concept.
- Multiple variants (floor and tank mounted. with or without integrated dryer) for full flexibility.
- Minimum footprint and cooling air discharge from the top allows placement against the wall or in a corner.

Simple & quick maintenance

- Patented cooler for easy cleaning and maintenance.
- Grouped service points accessible through the removable panel.
- Spin-on oil separator and filter.

G 2-5/G 7-11/G 15-22 a robust multiple offer for the Australian market

With more than 70 years of direct experience in Australia, Atlas Copco have designed the G compressors including as standards the additional features to increase the performance and reliability under the Australian conditions.

The Australian version of the Atlas Copco's G compressors bring you outstanding sustainability, reliability and performance, while minimizing the total cost of ownership. This range provides you with the compressed air solution that perfectly matches your requirements with clear value proposition. Built to perform even in the harshest environments, these compressors keep your production running efficiently.

1

Robust element & motor

- The G's compression element, the most used in its size.
- 2-3% higher efficiency with V-belt compared to other belt-driven systems on the G 2-22.

2

Advanced monitoring

- State-of-the-art monitoring using a simple Ethernet connection.
- Service and warning indications, error detection and compressor shut-down.
- Elektronikon® Touch controller for further enhanced remote monitoring features and service time indications.

3

High tech oil vessel

- Protection from oil contamination: extremely low oil carry-over thanks to the vertical design of the oil vessel.
- Extremely low losses of compressed air during load/unload cycle thanks to minimized oil vessel size.
- Oil Separators* fully designed, built, and tested under the AS1210 Standard. Peace of mind when you need the right paperwork for your pressure vessels in Australia.

*G2 to 5 Oil Separators Hazard level "E" under AS4343

4

Integrated quality air solutions

- The integrated dryer avoids condensation and corrosion in the network. Optional filters for air quality up to class 1 level (<0.01 ppm).
- Standard included water-separator.
- Additional energy savings with the dryer's no-loss mechanic drain.



5

Easy installation

- A true plug-and-play solution, ideal machine for installation companies and OEMs.
- Easy transportation by forklift.
- Remarkably compact footprint.



* Complete G range is equipped with the Elektronikon® Mk5S Touch Controller as a standard for Australian market.

Technical specifications

G 2-5/G 7-11/G 15-22 – 50 Hz

COMPRESSOR TYPE	Pressure variant	Max. working pressure		Capacity FAD*			Installed motor power		Noise level**	Weight					
		bar(e)	psi	l/s	m³/min	cfm	kW	hp		Pack Floor		Pack Tank***		FF Tank	
										kg	lbs	kg	lbs	kg	lbs
G2	8	8.5	123	4.50	0.27	9.53	2.2	3	58	122	269	150	331	195	430
	10	10.5	152	4.33	0.26	9.18	2.2	3	58	122	269	150	331	195	430
G3	8	8.5	123	7.00	0.42	14.83	3	4	59	124	273	152	335	196	432
	10	10.5	152	5.83	0.35	12.36	3	4	59	124	273	152	335	196	432
G4	8	8.5	123	9.69	0.58	20.48	4	5.5	60	125	276	153	337	198	437
	10	10.5	152	8.83	0.53	18.72	4	5.5	60	125	276	153	337	198	437
G5	8	8.5	123	13.40	0.80	28.25	5.5	7.5	63	127	280	155	342	200	441
	10	10.5	152	12.30	0.74	26.13	5.5	7.5	63	127	280	155	342	200	441
G7	7.5	7.5	109	20.3	1.22	43.0	7.5	10	66	221	487	392	864	435	959
	8.5	8.5	123	19.0	1.14	40.2	7.5	10	66	221	487	392	864	435	959
	10	10.0	145	16.9	1.01	35.8	7.5	10	66	221	487	392	864	435	959
	13	13.0	189	13.1	0.79	27.7	7.5	10	66	221	487	392	864	435	959
G11	7.5	7.5	109	29.1	1.75	61.6	11	15	67	238	525	409	902	452	996
	8.5	8.5	123	26.6	1.60	56.3	11	15	67	238	525	409	902	452	996
	10	10.0	145	24.3	1.46	51.5	11	15	67	238	525	409	902	452	996
	13	13.0	189	20.0	1.20	42.4	11	15	67	238	525	409	902	452	996
G15	7.5	7.5	109	43.7	2.62	92.6	15	20	71	378	833	616	1358	701	1545
	8.5	8.5	123	40.0	2.40	84.7	15	20	71	378	833	616	1358	701	1545
	10	10.5	152	36.1	2.17	76.5	15	20	71	378	833	616	1358	701	1545
	13	13.0	189	30.5	1.83	64.6	15	20	71	378	833	616	1358	701	1545
G18	7.5	7.5	109	55.3	3.32	117.1	18.5	25	71	406	895	644	1420	729	1607
	8.5	8.5	123	52.2	3.13	110.6	18.5	25	71	406	895	644	1420	729	1607
	10	10.5	152	45.7	2.74	96.8	18.5	25	71	406	895	644	1420	729	1607
	13	13.0	189	37.5	2.25	79.4	18.5	25	71	406	895	644	1420	729	1607
G22	7.5	7.5	109	62.5	3.75	132.4	22	30	72	421	928	659	1453	744	1640
	8.5	8.5	123	58.3	3.50	123.5	22	30	72	421	928	659	1453	744	1640
	10	10.5	152	51.8	3.11	109.6	22	30	72	421	928	659	1453	744	1640
	13	13.0	189	45.0	2.70	95.3	22	30	72	421	928	659	1453	744	1640

NA: Not available.
 * Unit performance measured according to ISO 1217, Annex C, latest edition.
 ** Mean sound level according to ISO2151, tolerance 3 dB(A).
 *** Full Feature Floor mounted for G 2-5 range.

Options

	G 2-5	G 7-11	G 15-22
Upgrade to Touch controller			
Tropical thermostat			
UD+ filter	•	•	•
DD filter	•	•	•
Timing drain valve			
Oversized air tank	•	•	•
Oversized cooler	-	-	•
Water separator and drain device	-	-	-

Standard for the Australian version

• : Optional - : Not available



Pack Floor G 7-22



Pack Tank G 2-22



FF Tank G 2-22

COMPRESSOR TYPE	L (mm)	W (mm)	H (mm)
Pack floor-mounted			
G 2-5	600	500	792
G 7-11	767	623	972
G 15-22	1002	750	1175
Pack tank-mounted			
G 7-11	1500	623	1468
G 15-22	1858	750	1801
Full Feature floor Mounted			
G 2-5	980	500	792
Full Feature tank-mounted			
G 2-5	1438	500	1280
G 7-11	1500	623	1468
G 15-22	1858	750	1801



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