OIL-INJECTED ROTARY SCREW COMPRESSORS

G 2-5/G 7-11/G 15-22/G 30-45 (2-45 kW / 3-60 hp)



Atlas Copco





productivity.

SCREW

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/G 30-45 A ROBUST MULTIPLE OFFER

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 propositions. Built to perform even in the harshest environments, these compressors keep your production running efficiently.



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.

• Remarkably compact footprint.



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.
- Gear-driven drive train on G 30-45 for unequaled reliability and limited maintenance.



Advanced monitoring

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





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.

TECHNICAL SPECIFICATIONS G 2-5/G 7-11/G 15-22/G 30-45 – 50 HZ

COMPRESSOR	Pressure variant	Max. working pressure		Capacity FAD*			Installed motor power		Noise level**	Weight (kg)					
TYPE										Pack Floor		Pack Tank		FF Tank	
		bar(e)	psi	I/s	m³/min	cfm	kW	hp	dB(A)	kg	lbs	kg	lbs	kg	lbs
G 2	10	10.0	145	4.0	0.24	8	2.2	3	61	-	-	153	337	187	412
G 3	10	10.0	145	5.3	0.32	11	3.7	5	61	-	-	157	346	191	421
G 4	10	10.0	145	7.8	0.47	17	4	6	62	-	-	159	351	193	425
G 5	10	10.0	145	10.0	0.60	21	5.5	8	64	-	-	164	362	198	437
G 7	7.5	7.5	109	21.2	1.27	45	7.5	10	66	241	531	341	752	381	840
	8.5	8.5	123	19.0	1.14	40	7.5	10	66	241	531	341	752	381	840
	10	10.0	145	17.2	1.03	36	7.5	10	66	241	531	341	752	381	840
	13	13.0	189	13.4	0.80	28	7.5	10	66	241	531	341	752	381	840
G 11	7.5	7.5	109	30.0	1.80	64	11	15	67	258	569	358	789	398	877
	8.5	8.5	123	27.5	1.65	58	11	15	67	258	569	358	789	398	877
	10	10.0	145	25.0	1.50	53	11	15	67	258	569	358	789	398	877
	13	13.0	189	21.0	1.26	44	11	15	67	258	569	358	789	398	877
G 15	7.5	7.5	109	43.0	2.58	91	15	20	71	378	833	616	1358	701	1545
	8.5	8.5	123	39.4	2.36	83	15	20	71	378	833	616	1358	701	1545
	10	10.0	145	36.3	2.18	77	15	20	71	378	833	616	1358	701	1545
	13	13.0	189	30.1	1.81	64	15	20	71	378	833	616	1358	701	1545
G 18	7.5	7.5	109	52.5	3.15	111	18.5	25	71	406	895	644	1420	729	1607
	8.5	8.5	123	50.2	3.01	106	18.5	25	71	406	895	644	1420	729	1607
	10	10.0	145	43.5	2.61	92	18.5	25	71	406	895	644	1420	729	1607
	13	13.0	189	37.2	2.23	79	18.5	25	71	406	895	644	1420	729	1607
G 22	7.5	7.5	109	60.2	3.61	128	22	30	72	421	928	659	1453	744	1640
	8.5	8.5	123	58.3	3.50	123	22	30	72	421	928	659	1453	744	1640
	10	10.0	145	51.7	3.10	110	22	30	72	421	928	659	1453	744	1640
	13	13.0	189	45.0	2.70	95	22	30	72	421	928	659	1453	744	1640
G 30	7.5	7.5	109	90.0	5.40	191	30	40	72	730	1609	-	-	-	-
	8.5	8.5	123	86.4	5.18	183	30	40	72	730	1609	-	-	-	-
	10	10.0	145	79.8	4.79	169	30	40	72	730	1609	-	-	-	-
G 37	7.5	7.5	109	114.5	6.87	243	37	50	72	754	1662	-	-	-	-
	8.5	8.5	123	106.4	6.38	225	37	50	72	754	1662	-	-	-	-
	10	10.0	145	98.7	5.92	209	37	50	72	754	1662	-	-	-	-
G 45	7.5	7.5	109	133.3	8.00	282	45	60	73	768	1693	-	-	-	-
	8.5	8.5	123	126.7	7.60	268	45	60	73	768	1693	-	-	-	-
	10	10.0	145	117.0	7.02	248	45	60	73	768	1693	-	-	-	-

^{*} Unit performance measured according to ISO 1217, Annex C, latest edition.



COMPRESSOR TYPE	L (mm)	W (mm)	H (mm)						
Pack floor-mounted									
G 7-11	767	623	972						
G 15-22	1002	750	1175						
G 30-45	1300	870	1630						
Pack tank-mounte	ed								
G 2-5	1420	550	1280						
G 7-11	1500	623	1468						
G 15-22	1858	750	1801						
Full Feature tank-mounted									
G 2-5	1420	550	1280						
G 7-11	1500	623	1468						
G 15-22	1858	750	1801						

TECHNICAL SPECIFICATIONS G 2-5/G 7-11/G 15-22/G 30-45 – 60 HZ

COMPRESSOR TYPE	Pressure variant	Max. working pressure		Capacity FAD*			Installed motor power		Noise level**	Weight (kg)					
										Pack Floor		Pack Tank		FFTank	
		bar(e)	psi	l/s	m³/min	cfm	kW	hp	dB(A)	kg	lbs	kg	lbs	kg	lbs
G 7	100	7.4	107	21.2	1.27	45	7	10	66	241	531	341	752	381	840
	125	9.1	132	19.0	1.14	40	7	10	66	241	531	341	752	381	840
	150	10.8	157	17.2	1.03	36	7	10	66	241	531	341	752	381	840
	175	12.5	181	13.4	0.80	28	7	10	66	241	531	341	752	381	840
G 11	100	7.4	107	30.0	1.80	64	7	10	66	258	569	358	789	398	877
	125	9.1	132	27.5	1.65	58	11	15	67	258	569	358	789	398	877
	150	10.8	157	25.0	1.50	53	11	15	67	258	569	358	789	398	877
	175	12.5	181	21.0	1.26	44	11	15	67	258	569	358	789	398	877
G 15	100	7.4	107	43.0	2.58	91	11	15	71	378	833	616	1358	701	1545
	125	9.1	132	39.4	2.36	83	15	20	71	378	833	616	1358	701	1545
	150	10.8	157	36.3	2.18	77	15	20	71	378	833	616	1358	701	1545
	175	12.5	181	30.1	5.40	64	15	20	71	378	833	616	1358	701	1545
G 18	100	7.4	107	52.5	3.15	111	15	20	71	406	895	644	1420	729	1607
	125	9.1	132	50.2	3.01	106	18	25	71	406	895	644	1420	729	1607
	150	10.8	157	43.5	2.61	92	18	25	71	406	895	644	1420	729	1607
	175	12.5	181	37.2	2.23	79	18	25	71	406	895	644	1420	729	1607
G 22	100	7.4	107	60.2	3.58	128	18	25	72	421	928	659	1453	744	1640
	125	9.1	132	58.3	3.36	123	22	30	72	421	928	659	1453	744	1640
	150	10.8	157	51.7	3.10	110	22	30	72	421	928	659	1453	744	1640
	175	12.5	181	45.0	2.70	95	22	30	72	421	928	659	1453	744	1640
G 30	100	7.4	107	90.0	5.40	191	30	40	72	730	1609	-	-	-	-
	125	9.1	132	86.4	5.18	183	30	40	72	730	1609	-	-	-	-
	150	10.8	157	79.8	4.79	169	30	40	72	754	1662	-	-	-	-
G 37	100	7.4	107	116.2	6.97	246	37	50	72	754	1662	-	-	-	-
	125	9.1	132	106.8	6.41	226	37	50	72	754	1662	-	-	-	-
	150	10.8	157	96.4	5.78	204	37	50	72	768	1693	-	-	-	-
G 45	100	7.4	107	138.8	8.33	294	45	60	73	768	1693	-	-	-	-
	125	9.1	132	127.9	7.67	271	45	60	73	768	1693	-	-	-	-
	150	10.8	157	118.1	7.09	250	45	60	73	768	1693	-	-	-	-

^{*} Unit performance measured according to ISO 1217, Annex C, latest edition.

TAILORED TO YOUR NEEDS

Some applications may need or may benefit from additional options and more refined control and air treatment systems. To meet these needs, Atlas Copco has developed options and easily integrated compatible equipment providing the lowest cost compressed air.

	G 2-5	G 7-11	G 15-22	G 30-45
Full Feature	•	•	•	-
Upgrade to MK5 Graphic controller	-	•	•	•
Tropical thermostat	-	•	•	•
DD/PD filter	•	•	•	-
DD filter	-	•	•	-
Automatical water drain valve	-	•	•	•
Oversized 500l air tank	-	•	-	-
Oversized cooler	-	-	•	-

√: Standard •: Optional -: Not available

^{**} Mean sound level according to ISO2151, tolerance 3 dB(A).

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COMMITTED TO SUSTAINABLE PRODUCTIVITY

We stand by our responsibilities towards our customers, towards the environment and the people around us. We make performance stand the test of time. This is what we call – Sustainable Productivity.



