

Technical specifications GA 30+-90 (50 Hz versions)

COMPRESSOR TYPE	Pressure variant	Max. working pressure Workplace		Capacity FAD *		Installed motor power		Noise level***	Weight WorkPlace		Weight WorkPlace Full Feature		
		bar(e)	psig	l/s	m³/min	cfm	kW		hp	kg	lbs	kg	lbs
GA 30+	7.5	7.5	109	99	5.9	209	30	40	65	917	2022	998	2200
	8.5	8.5	123	90	5.4	191	30	40	65	917	2022	998	2200
	10	10.0	145	82	4.9	175	30	40	65	917	2022	998	2200
GA 37	13	13.0	189	71	4.3	151	30	40	65	917	2022	998	2200
	7.5	7.5	109	115	6.9	243	37	50	69	920	2028	1005	2216
	8.5	8.5	123	106	6.4	225	37	50	68	920	2028	1005	2216
GA 37+	10	10.0	145	100	6.0	213	37	50	69	920	2028	1005	2216
	13	13.0	189	81	4.9	172	37	50	68	920	2028	1005	2216
	7.5	7.5	109	122	7.3	258	37	50	65	1002	2209	1087	2386
GA 45	8.5	8.5	123	118	7.1	250	37	50	65	1002	2209	1087	2386
	10	10.0	145	102	6.1	216	37	50	65	1002	2209	1087	2386
	13	13.0	189	85	5.1	180	37	50	65	1002	2209	1087	2386
GA 45+	7.5	7.5	109	137	8.2	291	45	60	72	994	2191	1079	2379
	8.5	8.5	123	127	7.6	268	45	60	72	994	2191	1079	2379
	10	10.0	145	117	7.0	248	45	60	72	994	2191	1079	2379
GA 45+	13	13.0	189	102	6.1	217	45	60	72	994	2191	1079	2379
	7.5	7.5	109	149	8.9	315	45	60	66	1070	2359	1160	2557
	8.5	8.5	123	139	8.3	295	45	60	66	1070	2359	1160	2557
GA 55	10	10.0	145	128	7.7	270	45	60	66	1070	2359	1160	2557
	13	13.0	189	106	6.4	225	45	60	66	1070	2359	1160	2557
	7.5	7.5	109	169	10.1	359	55	75	69	1329	2930	1429	3150
GA 55+	8.5	8.5	123	159	9.5	337	55	75	69	1329	2930	1429	3150
	10	10.0	145	148	8.9	313	55	75	69	1329	2930	1429	3150
	13	13.0	189	126	7.6	267	55	75	69	1329	2930	1429	3150
GA 75	7.5	7.5	109	180	10.8	381	55	75	66	1458	3214	1558	3455
	8.5	8.5	123	172	10.3	364	55	75	66	1458	3214	1558	3455
	10	10.0	145	153	9.2	324	55	75	66	1458	3214	1558	3455
GA 75+	7.5	7.5	109	226	13.6	478	75	100	66	1371	3023	1491	3287
	8.5	8.5	123	209	12.5	444	75	100	73	1371	3023	1491	3287
	10	10.0	145	190	11.4	401	75	100	73	1371	3023	1491	3287
GA 90	13	13.0	189	162	9.7	344	75	100	73	1371	3023	1491	3287
	7.5	7.5	109	247	14.8	523	75	100	65	1525	3362	1645	3627
	8.5	8.5	123	232	13.9	492	75	100	68	1525	3362	1645	3627
GA 90	10	10.0	145	207	12.4	439	75	100	68	1525	3362	1645	3627
	13	13.0	189	173	10.4	367	75	100	68	1525	3362	1645	3627
	7.5	7.5	109	281	16.9	596	90	125	73	1525	3362	1645	3627
GA 90	8.5	8.5	123	275	16.5	582	90	125	73	1525	3362	1645	3627
	10	10.0	145	250	15.0	529	90	125	73	1525	3362	1645	3627
	13	13.0	189	216	13.0	458	90	125	73	1525	3362	1645	3627

\* Unit performance measured according to ISO 1217, Annex C, Edition 4  
Reference conditions:

- Absolute inlet pressure 1 bar (14.5 psi)
- Intake air temperature 20°C, 68°F
- FAD is measured at the following working pressures:
- 7.5 bar versions at 7 bar
- 8.5 bar versions at 8 bar
- 10 bar versions at 9.5 bar

Technical specifications GA 30+-90 (60

COMPRESSOR TYPE	Pressure variant	Max. working pressure WorkPlace	
		bar(e)	psig
GA 30+	100	7.4	107
	125	9.1	132
	150	10.8	157
	175	12.5	181
GA 37	100	7.4	107
	125	9.1	132
	150	10.8	157
	175	12.5	181
GA 37+	100	7.4	107
	125	9.1	132
	150	10.8	157
	175	12.5	181
GA 45	100	7.4	107
	125	9.1	132
	150	10.8	157
	175	12.5	181
GA 45+	100	7.4	107
	125	9.1	132
	150	10.8	157
	175	12.5	181
GA 55	100	7.4	107
	125	9.1	132
	150	10.8	157
	175	12.5	181
GA 55+	100	7.4	107
	125	9.1	132
	150	10.8	157
	175	12.5	181
GA 75	100	7.4	107
	125	9.1	132
	150	10.8	157
	175	12.5	181
GA 75+	100	7.4	107
	125	9.1	132
	150	10.8	157
	175	12.5	181
GA 90	100	7.4	107
	125	9.1	132
	150	10.8	157
	175	12.5	181

Please refer to the footnotes, reference conditions and FAD dei

Technical specifications GA 37-90 VSD

COMPRESSOR TYPE	Working pressure	Cap
		l/s



# Optimize your system

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

	GA 30-90	GA 37-90 VSD
Air treatment	Integrated filter kit class 1*	>
	Integrated filter kit class 2*	>
	Dryer bypass*	>
Condensate	OSC	>
	Motor space heater	>
	Motor space heater - thermistors	>
	Water shut-off valve**	>
	Phase sequence relay (export)	>
	Tropical thermostat	>
	Freeze protection	>
Protection	Pre-filter	>
	Advanced monitoring	>
	Electronic water drain (EMD)	>
Public works	Rain protection	>
	Main power isolator switch	>
Communication	ES 100 relays***	>
	AIRconnect	>
	Elektronikon® Graphic upgrade (only for GA 37 to GA 75)	>
	ES4/ES6 (for Elektronikon® Graphic)	>
Oils	Digital I/O expansion module	>
	Food grade oil	>
General options	Photo - Xlend duty oil (8000 hours)	>
	Witness performance test	>
	Energy recovery	>
	Modulating control	>
	High-ambient temperature version (14V 55°C, 131°F)****	>
	IT/TT ancillaries	>

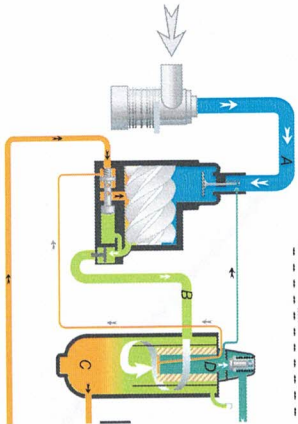
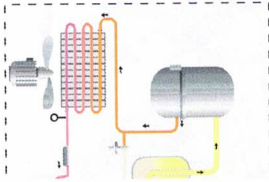
\*FF units only. \*\* Water-cooled units. \*\*\* Includes potential-free contacts: motor running, compressor load/unload. \*\*\*\* FF units max 50°C, 122°F.

## INTEGRATED ENERGY RECOVERY

As much as 90% of the electrical energy used by a compressed air solution is converted into heat. Using Atlas Copco's integrated energy

# Flow charts

VARIABLE SPEED DRIVE: GA VSD



FIXED SPEED: GA+ & GA

