

NEW "G" SERIES 5000 PSIG 3 STAGE NITROGEN AND HELIUM COMPRESSOR SYSTEMS



Jordair QC Program

- ISO 9001:2008 Cert. 97-544
- CSA Cert. No. LR77799
- CRN Pressure Components
- B&PV Licence MA-2007

System Features:

- Balanced Design
- Low Noise
- Thermal balance
- Plasma-nitrate cylinder process

Block Features:

- Low Oil Consumption
- Oil Filter Cartridge
- High Tech HP Piston
- Heavy Duty Crank

TECHNICAL DATA FOR 5000 PSIG THREE STAGE UNITS

MODEL	FLOW-RATE	POWER	MOTOR	INLET PRESSURE	WEIGHT (KG)	SIZE (CM) H x D x W
G100-1EV-5	5.2 SCFM	1 PHASE	5 HP	3.5 PSIG	242 KG	137 x 87 x 99
G100-3EV-5	5.2 SCFM	3 PHASE	5 HP	3.5 PSIG	242 KG	137 x 87 x 99
G120-1EV-7	9.1 SCFM	1 PHASE	7.5 HP	3.5 PSIG	253 KG	137 x 87 x 99
G120-3EV-7	9.1 SCFM	3 PHASE	7.5 HP	3.5 PSIG	253 KG	137 x 87 x 99
G12.2-1EV-7	17.0 SCFM	1 PHASE	7.5 HP	160 PSIG	253 KG	137 x 87 x 99
G12.2-3EV-7	17.0 SCFM	3 PHASE	7.5 HP	160 PSIG	253 KG	137 x 87 x 99
G15.3-3EV-15	26.0 SCFM	3 PHASE	15 HP	160 PSIG	283 KG	152 x 97 x 109

JORDAIR – "RELIABILITY & SAFETY" – BAUER

101-7950 Huston Road, Delta, B.C., V4G 1C2

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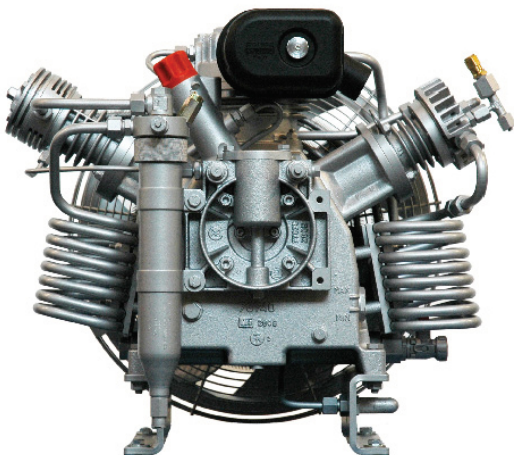
BLOCK MODEL	SPEED	CAPACITY F.A.D.	STAGES	MOTOR		FINAL PRESSURE
				HP	kW	
G100-F07	1600 RPM	5.5	3	5	3.75	5000 PSIG
G120-F07	1600 RPM	8.3	3	7.5	5.6	5000 PSIG
G12.2-F07	1230 RPM	7.0	2	7.5	5.6	5000 PSIG
G15.3-F07	1140 RPM	26.0	2	7.5	5.6	5000 PSIG

NEW BAUER BLOCK FEATURES

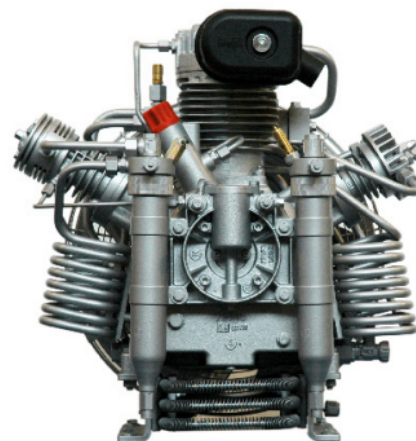
- New high velocity, full flow cooling fan assembly that produces high velocity airflow over the coolers, pressure cylinders and crankcase to cool the compressed air and lubricating oil.
- Drive gear designed for an operating life of 30,000 hours.
- Stainless steel inter and after-coolers for high efficiency cooling and corrosion free operation.
- Cylinders are hardened through a plasma-nitrate process for up to 10,000 hours of operating life and low wear with excellent lubricating oil retention.
- Redesigned HP piston rings are synthetic material for low wear and a long operating life.
- Single-piece crankcase made of a high strength aluminum ally for higher stability, larger oil capacity and low vibration.
- Full flow oil system with a crankshaft-driven gear pump and full flow oil filter.
- Visual oil level indicator is designed to prevent over-filling of the crankcase with oil.
- New reed valve on first stage which offers higher efficiency and redesigned intake filter reduces intake valve noise.
- New final stage oil cooled cylinder head for lower air discharge temperature.

Consult the factory for the full range of inlet pressures and capacities available.

G100-F07



G120-F07



JORDAIR IS ISO 9001:2008 CERTIFIED

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