

INTEGRA SERIES 5000 PSIG COMPRESSOR SYSTEM



Unit photo with JP91-5000-4S filter
Features a 2-year System and 5-year Block Warranty

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
- Lifetime Filter Chambers
- Extended Cartridge Life

Block Features:

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

TECHNICAL DATA FOR 5000 3-STAGE PSIG UNITS

MODEL	FLOW-RATE	POWER	FILTER & CAPACITY		WEIGHT (KG)	SIZE (CM) H x D x W
INT5-100USI-1EA2	7.3 SCFM	5 HP	JBP141-6300-4S	*650,000 FT ³	725 KG	172 x 86 x 243
INT5-100USI-3EA2	7.3 SCFM	5 HP	JBP141-6300-4S	*650,000 FT ³	725 KG	172 x 86 x 243
INT5-120USI-1EA2	10.1 SCFM	7.5 HP	JBP141-6300-4S	*650,000 FT ³	725 KG	172 x 86 x 243
INT5-120USI-3EA2	10.1 SCFM	7.5 HP	JBP141-6300-4S	*650,000 FT ³	725 KG	172 x 86 x 243
INT5-121USI-1EA2	12.4 SCFM	10 HP	JBP141-6300-4S	*650,000 FT ³	725 KG	172 x 86 x 243
INT5-121USI-3EA2	12.4 SCFM	10 HP	JBP141-6300-4S	*650,000 FT ³	725 KG	172 x 86 x 243

1E = single phase power 220 V, 60 Hz; 3E = three phase power 208, 220, 460 or 575 V, 60 Hz
 * Filter Capacity based on 20°C, for a 10°C increase in temperature decrease capacity 50%

Jordair breathing compressors and air filter systems meet or exceed the latest
 CSA standard CAN/CSA-Z180.1-00 (approved January 2001).

JORDAIR – “RELIABILITY & SAFETY” – BAUER
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BLOCK MODEL	SPEED	CAPACITY		STAGES	MOTOR		FINAL PRESSURE
		F.A.D.	CHARGE		HP	kW	
IK100-F07	1600 RPM	5.5	7.3	3	5	3.7	5000 PSIG
IK120-F07	1600 RPM	8.3	11.0	3	7.5	5.5	5000 PSIG
IK120-F07	1800 RPM	9.3	12.4	3	10	7.5	5000 PSIG

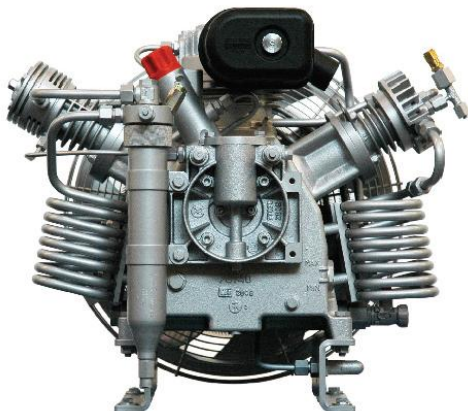
CAPACITY CALCULATIONS:

- F.A.D. CAPACITY CALCULATED AT 80% OF FINAL PRESSURE AND 20C
 - SCUBA CHARGE RATED AT FILLING 500 TO 3000 PSIG ON A 80 3/FT CYLINDER
 - SCBA CHARGE RATED AT FILLING 1100 TO 4500 PSIG ON AN 88 3/FT CYLINDER
- Technical specifications subject to change without notice

NEW BAUER BLOCK FEATURES

- New high velocity, full flow cooling fan assembly that produces high velocity airflow over the coolers, pressure cylinders and crank case 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 rings for the HP piston are synthetic material for low wear and a long operating life.
- Single-piece crankcase made of a high strength aluminum alloy 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 discharge temperature.

IK100-F07



IK120-F07



JORDAIR IS ISO 9001:2008 CERTIFIED

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