

## INTEGRA SERIES 6000 PSIG COMPRESSOR SYSTEM



Unit photo with JTP91-6000-5S 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 6000 PSIG 3, 4 & 5-STAGE UNITS

MODEL	FLOW-RATE	POWER	FILTER & CAPACITY		WEIGHT (KG)	SIZE (CM) H x D x W
<b>INT6-100USI-1EA2</b>	5.4 SCFM	5 HP	JBP41-6300-4S	*51,993 FT <sup>3</sup>	250 KG	172 x 86 x 243
<b>INT6-100USI-3EA2</b>	5.4 SCFM	5 HP	JBP41-6300-4S	*51,993 FT <sup>3</sup>	250 KG	172 x 86 x 243
<b>INT6-1214USI-1EA2</b>	13.0 SCFM	10 HP	JBP41-6300-4S	*51,993 FT <sup>3</sup>	950 KG	172 x 86 x 243
<b>INT6-1214USI-3EA2</b>	13.0 SCFM	10 HP	JBP41-6300-4S	*51,993 FT <sup>3</sup>	950 KG	172 x 86 x 243
<b>INT6-1511USI-3EA2</b>	19.5 SCFM	15 HP	JBP61-6300-4S	*80,506 FT <sup>3</sup>	1000 KG	172 x 86 x 243
<b>INT6-181USI-3EA2</b>	26.6 SCFM	20 HP	JBP81-6300-4S	*183,612 FT <sup>3</sup>	1100 KG	172 x 86 x 243
<b>INT6-220USI-3EA2</b>	37.2 SCFM	30 HP	JBP91-6300-4S	*268,356 FT <sup>3</sup>	1350 KG	193 x 106 x 270

Note: The five stage IK18.1 II and four stage IK15.11 II blocks are suitable for pressures up to 7200 PSIG

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	
<b>IK100-420-F07</b>	1250 RPM	4.1	5.4	3	5	3.7	6000 PSIG
<b>IK12.14-F06</b>	1650 RPM	11.9	15.8	4	10	7.5	6000 PSIG
<b>IK15.11</b>	1350 RPM	15.9	21.2	4	15	11	7200 PSIG
<b>IK18.1</b>	1450 RPM	21.3	28.4	5	20	15	7200 PSIG
<b>IK22.0-420</b>	1350 RPM	32.0	42.6	4	30	22	6000 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.

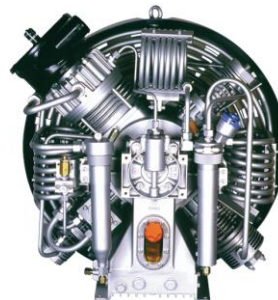
**IK12.14-F06**



**IK15.11**



**IK18.1**



**IK22.0-420**



### JORDAIR IS ISO 9001:2008 CERTIFIED

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