

NEW FIRE-KAT™ SERIES 6000 PSIG COMPRESSOR SYSTEM



View with optional S-7200 advanced PLC

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
FIRE-KAT6 100-1E	5.4 SCFM	5 HP	JBP41-6300-4	*54,730 FT ³	230 KG	120 x 85 x 99
FIRE-KAT6 100-3E	5.4 SCFM	5 HP	JBP41-6300-4	*54,730 FT ³	230 KG	120 x 85 x 99
FIRE-KAT6 1214-1E	15.8 SCFM	10 HP	JBP41-6300-4	*54,730 FT ³	320 KG	120 x 85 x 99
FIRE-KAT6 1214-3E	15.8 SCFM	10 HP	JBP41-6300-4	*54,730 FT ³	320 KG	120 x 85 x 99
FIRE-KAT6 1511-3E	21.2 SCFM	15 HP	JBP61-6300-4	*84,744 FT ³	380 KG	152 x 85 x 110
FIRE-KAT6 181-3E	30.4 SCFM	20 HP	JBP81-6300-4	*183,612 FT ³	400 KG	152 x 85 x 110

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	
IK100-420-F07	1100 RPM	4.1	5.4	3	5	3.7	6000 PSIG
IK12.14 F06	1650 RPM	11.9	15.8	4	10	7.5	6000 PSIG
IK15.11	1350 RPM	15.9	21.2	4	15	11	7200 PSIG
IK18.1	1450 RPM	21.3	28.4	5	20	15	7200 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.

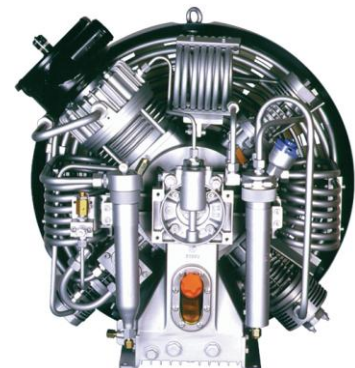
IK12.14 F06



IK15.11



IK18.1



JORDAIR IS ISO 9001:2008 CERTIFIED

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