

JORDAIR FIRE-KAT™ SERIES 5000/6000 PSIG BREATHING AIR UNITS



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 5000/6000 PSIG 4-STAGE UNITS

MODEL	FLOW-RATE	POWER	FILTER & CAPACITY		WEIGHT (KG)	SIZE (CM) H x D x W
FIRE-KAT6 220-3E	46.6 SCFM	30 HP	JBP91-6300-4	*282,480 FT ³	980 KG	178 x 130 x 129
FIRE-KAT6 220-3E	42.6 SCFM	30 HP	JBP91-6300-4	*282,480 FT ³	980 KG	178 x 130 x 129

3E = three phase power 208, 230, 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
 101-7950 Huston Road, Delta, B.C., V4G 1C2 Tel: 604-940-8101 Fax: 604-940-8131
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BLOCK MODEL	SPEED	CAPACITY		STAGES	MOTOR		FINAL PRESSURE
		F.A.D.	CHARGE		HP	KW	
IK22-420	1400 RPM	35	46.6	4	30	22.2	5000 PSIG
IK22.0-420	1350 RPM	32	42.6	4	30	22.2	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.
- Large capacity oil and water separators reduce carry over to the filter system.
- Perfect overall unit balance for very smooth operation and long term component reliability.

IK22.0-420**JORDAIR IS ISO 9001:2008 CERTIFIED**

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