

## IK15.1 II TO IK22.0-420 "H" SERIES PSIG DIESEL-DRIVE COMPRESSOR SYSTEM

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



### 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 PSIG UNITS

MODEL	FLOW-RATE	POWER	FILTER & CAPACITY		WEIGHT (KG)	SIZE (CM) H x D x W
<b>IK15.1 II-DH</b>	20.5 SCFM	Kubota	JBP61-6300-4	*84,744 FT <sup>3</sup>	380 KG	140 x 112 x 70
<b>IK150 II-DH</b>	23.7 SCFM	Kubota	JBP61-6300-4	*84,744 FT <sup>3</sup>	380 KG	140 x 112 x 70
<b>IK180 II-DH</b>	30 SCFM	Kubota	JBP81-6300-4	*183,612 FT <sup>3</sup>	400 KG	140 x 112 x 70
<b>IK22.0-DH</b>	39.6 SCFM	Kubota	JBP91-6300-4	*282,480 FT <sup>3</sup>	650 KG	160 x 120 x 90
<b>IK15.11 II-DH</b>	19.5 SCFM	Kubota	JBP61-6300-4	*84,744 FT <sup>3</sup>	340 KG	101 x 165 x 101
<b>IK18.1 II-DH</b>	26.6 SCFM	Kubota	JBP61-6300-4	*84,744 FT <sup>3</sup>	370 KG	101 x 165 x 101
<b>IK22.0-420-DH</b>	37.2 SCFM	Kubota	JBP91-6300-4	*282,480 FT <sup>3</sup>	600 KG	120 x 160 x 90

\* Filter Capacity based on 20°C, for a 10°C increase in temperature decrease capacity 50%

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## IK15.1 II TO IK22.0-420 "H" SERIES DIESEL-DRIVE COMPRESSOR SYSTEM

BLOCK MODEL	SPEED	CAPACITY		STAGES	MOTOR		FINAL PRESSURE
		F.A.D.	CHARGE		HP	kW	
IK15.1 II	1500 RPM	17.3	23.07	4	15	11.2	5000 PSIG
IK150 II	1320 RPM	19.3	25.7	4	15	11.2	5000 PSIG
IK180 II	1600 RPM	24.5	32.7	4	20	14.8	5000 PSIG
IK22.0	1400 RPM	35	37.2	4	30	22.2	5000 PSIG
IK15.11 II	1350 RPM	15.9	21.2	4	15	11.2	7200 PSIG
IK18.1 II	1450 RPM	21.3	28.4	5	20	14.8	7200 PSIG
IK22.0-420	1350 RPM	32	42.67	4	30	22.2	6000 PSIG

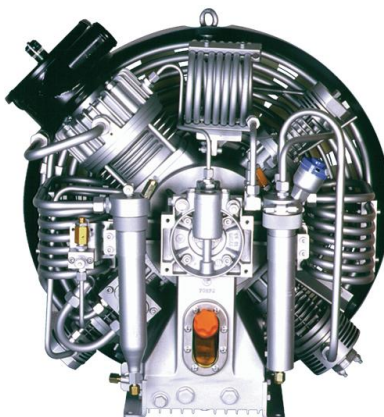
### NEW BAUER BLOCK FEATURES

- 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.
- Cylinder designed for an operating life up to 10,000 hours.
- Stainless steel inter and after-coolers for high efficiency cooling and corrosion free operation.
- Cylinders are hardened through a nitrate process for longer life and low wear with excellent lubricating oil retention.
- Redesigned rings for the HP piston are synthetic for low wear and a longer operating life.
- Single-piece crankcase made of a high strength aluminum alloy for higher stability, larger oil capacity and lower vibration.
- Full flow oil system with a crankshaft-driven gear pump and oil filter.
- Visual oil level indicator is designed to prevent of 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.

IK15.1 II IK15.11 II IK150 II IK180 II



IK18.1 II



IK22.0 AND IK22.0-420



### JORDAIR IS ISO 9001:2008 CERTIFIED

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