

JUNIOR II AND OCEANUS 4700 PSIG COMPRESSOR SYSTEMS

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



Junior II



Oceanus

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 4700 PSIG UNITS

MODEL	FLOW-RATE	POWER	FILTER & CAPACITY		WEIGHT (KG)	SIZE (CM) H x D x W
JUNIOR II-GH	4.4 SCFM	HONDA	P21 TRIPLEX	*4,943 FT ³	44 KG	42 x 34 x 78
JUNIOR II-1EH	4.4 SCFM	1 PHASE	P21 TRIPLEX	*4,943 FT ³	46 KG	42 x 36 x 66
JUNIOR II-3EH	4.4 SCFM	3 PHASE	P21 TRIPLEX	*4,943 FT ³	46 KG	42 x 39 x 66
OCEANUS-GH	6.2 SCFM	HONDA	P21 TRIPLEX	*4,943 FT ³	47 KG	42 x 35 x 79
OCEANUS-1EH	6.2 SCFM	1 PHASE	P21 TRIPLEX	*4,943 FT ³	52 KG	42 x 40 x 66
OCEANUS-3EH	6.2 SCFM	3 PHASE	P21 TRIPLEX	*4,943 FT ³	52 KG	42 x 40 x 66

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

JORDAIR – “RELIABILITY & SAFETY” – BAUER
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BLOCK MODEL	SPEED	CAPACITY		STAGES	MOTOR		FINAL PRESSURE
		F.A.D.	CHARGE		HP	KW	
JUNIOR II-GH	2350 RPM	3.5 SCFM	4.7 SCFM	3	5.5	4.1	4500 PSIG
JUNIOR II-1EH	2350 RPM	3.5 SCFM	4.7 SCFM	3	3	2.2	4500 PSIG
JUNIOR II-3EH	2350 RPM	3.5 SCFM	4.7 SCFM	3	3	2.2	4500 PSIG
OCEANUS-GH	2350 RPM	5.0 SCFM	6.7 SCFM	3	5.5	4.1	4500 PSIG
OCEANUS-1EH	2350 RPM	5.0 SCFM	6.7 SCFM	3	5	3.7	4500 PSIG
OCEANUS-3EH	2350 RPM	5.0 SCFM	6.7 SCFM	3	5	3.7	4500 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

- 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 10,000 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.
- New reed valve on first stage which offers higher efficiency and redesigned intake filter reduces intake valve noise.

JORDAIR IS ISO 9001:2008 CERTIFIED

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