

PORTABLES

3-STAGE HIGH-PRESSURE BREATHING AIR COMPRESSORS

JUNIOR II and OCEANUS – include an air purification system and fill hose. These safe and reliable 3-stage compressors are designed for serious sport divers. Available in 1-phase 115/230 VAC and 3-phase 230/460 VAC electric motor or gasoline drives.

- › **PRESSURE:**
5000 PSIG (345 BAR)
- › **CHARGING RATE:**
2.9 to 4.9 SCFM
(82 to 139 L/MIN)
- › **POWER:**
2 to 6 HP (1.5 to 4.5 kW)



› **ENGINE DRIVE**
*Gasoline Engine



› **ELECTRIC DRIVE**



› **YACHTING PACKAGE**

STANDARD SCOPE OF SUPPLY

- › BAUER P0 breathing air purification system
- › Belt guard designed to meet OSHA guidelines
- › Inlet filter
- › Vibration isolators
- › High-temperature switch (G drives)
- › Five-foot fill hose assembly with SCUBA yoke, bleed valve and pressure gauge

OCEANUS MODELS (ADD TO ABOVE)

- › Sturdy, long lasting low pressure oil pump
- › Large oil sump allows shipboard inclination of 30°(20° G drive)
- › Capable of filling/maintaining up to a two cylinder 5000 PSIG UN storage system
- › Corrosion-resistant coolers and stainless steel frame

YACHTING PACKAGE (ADD TO ABOVE)

- › NEMA - 4 electrical box
- › Motor starter
- › Automatic condensate drain with muffler/separator and condensate reservoir
- › Pressure switch
- › Stainless steel fittings

TECHNICAL DATA

Model	Charging Rate ¹		Number of Stages	Motor		FAD ²	RPM	Purification System
	SCFM	L/MIN		HP	kW			
JUNIOR II 5000 PSIG (345 BAR)								
JRII-E1/115	2.9	82	3	2	1.5	2.5	1500	P0
JRII-E1	3.9	110	3	3	2.2	3.2	2100	P0
JRII-E3	3.9	110	3	3	2.2	3.2	2100	P0
JRII-GK	4.3	122	3	6	4.5	3.6	2300	P0
JUNIOR II YACHTING PACKAGE								
JRII-E1Y/115	2.9	82	3	2	1.5	2.5	1500	P0
JRII-E1Y	3.9	110	3	3	2.2	3.2	2100	P0
JRII-E3Y	3.9	110	3	3	2.2	3.2	2100	P0
OCEANUS 5000 PSIG (345 BAR)								
OCEANUS-E1	4.9	139	3	5	3.7	4.1	2150	P0
OCEANUS-E3	4.9	139	3	5	3.7	4.1	2150	P0
OCEANUS-GK	4.9	139	3	6	4.5	4.1	2150	P0
OCEANUS YACHTING PACKAGE								
OCEANUS-E1Y	4.9	139	3	5	3.7	4.1	2150	P0
OCEANUS-E3Y	4.9	139	3	5	3.7	4.1	2150	P0

Note: JRII is designed for filling an individual SCUBA or SCBA. It is neither designed nor intended for filling cascade storage systems of any kind. 1) Based on recharging an 80 cubic foot tank from 500 to 3000 psig. 2) Compressor capacity referenced to standard inlet conditions. E1/115= Single phase electric, 115 VAC/60 Hz. E1=Single phase electric, 230 VAC/60 Hz. E3=Three phase electric, 208/230/460 VAC/60 Hz. GK=Gasoline engine drive, KOHLER. Y=Yachting package. Dimensions and weight are approximate and are subject to change.

AVAILABLE ACCESSORIES
(FACTORY INSTALLED)

- › Visual CO/Moisture monitor indicator
- › Final pressure switch for gasoline engine
- › Hourmeter/Tachometer (G drive)
- › B-Timer

SYSTEM FOOTPRINT

JUNIOR II:

- DIMENSIONS L x W x H inches (mm)**
- › **JRII-E1/E3:** 27" x 14" x 17" (686mm x 356mm x 432mm)
 - › **JRII-GK:** 31" x 14" x 17" (787mm x 356mm x 432mm)
 - › **JRII-EY:** 32" x 16" x 24" (813mm x 406.4mm x 610mm)
 - › **WEIGHT pounds (kg)** 89 - 165 lb (40 - 75 kg)

OCEANUS:

- DIMENSIONS L x W x H inches (mm)**
- › **OCEANUS-E1/E3:** 27" x 17" x 17" (686mm x 432mm x 432mm)
 - › **OCEANUS-GK:** 31" x 14" x 17" (787mm x 356mm x 432mm)
 - › **OCEANUS-EY:** 32" x 20" x 17" (686mm x 432mm x 432mm)
 - › **WEIGHT pounds (kg)** 96 - 135 lb (44 - 61 kg)