

PORTABLES

3-Stage High Pressure Breathing Air Compressors

- › **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



JUNIOR II and OCEANUS, complete with air purification system and fill hose are safe, reliable three stage compressors designed for serious sport divers.

Available in single phase 115/230 VAC and three phase 230/460 VAC electric motor, gasoline or diesel engine drive.

Portables

STANDARD SCOPE OF SUPPLY

- › BAUER PO 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 DOT storage system
- › Corrosion-resistant coolers and stainless steel frame

AVAILABLE ACCESSORIES (factory installed)

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

Oceanus Models (add to above)

- › Visual CO/Moisture monitor
- › Available with Automatic Condensate Drain and final air pressure switch shutdown

DIMENSIONS L x W x H inches (mm)

- › JUNIOR II 42 x 19 x 23 (1067 x 483 x 584)
- › OCEANUS 32 x 18 x 23 (813 x 457 x 584)

WEIGHT pounds (kg)

- › JUNIOR II 89 - 165 (40 - 75)
- › OCEANUS 96 - 135 (44 - 61)

Technical Data

| Model | Charging rate ¹⁾ | | Number of stages | Motor | | FAD ²⁾ | RPM | Purification system |
|----------------------------|-----------------------------|-------|------------------|-------|-----|-------------------|------|---------------------|
| | scfm | l/min | | hp | kW | | | |
| 5000 psig (345 bar) | | | | | | | | |
| JRII-E1/115 | 2.9 | 82 | 3 | 2 | 1.5 | 2.5 | 1500 | PO |
| JRII-E1 | 3.9 | 110 | ^ | 3 | 2.2 | 3.2 | 2100 | ^ |
| JRII-E3 | ^ | ^ | ^ | ^ | ^ | ^ | ^ | ^ |
| JRII-G | 4.3 | 122 | ^ | 6 | 4.5 | 3.6 | 2300 | ^ |
| JRII-D | ^ | ^ | ^ | 4 | 3 | ^ | ^ | ^ |
| JRII-E1Y/115 | 2.9 | 82 | ^ | 2 | 1.5 | 2.5 | 1500 | ^ |
| JRII-E1Y | 3.9 | 110 | ^ | 3 | 2.2 | 3.2 | 2100 | ^ |
| JRII-E3Y | ^ | ^ | ^ | ^ | ^ | ^ | ^ | ^ |
| OCEANUS-E1 | 4.9 | 139 | ^ | 5 | 3.7 | 4.1 | 2150 | ^ |
| OCEANUS-E3 | ^ | ^ | ^ | ^ | ^ | ^ | ^ | ^ |
| OCEANUS-G | ^ | ^ | ^ | 6 | 4.5 | ^ | ^ | ^ |
| OCEANUS-E1Y | ^ | ^ | ^ | 5 | 3.7 | ^ | ^ | ^ |
| OCEANUS-E3Y | ^ | ^ | ^ | ^ | ^ | ^ | ^ | ^ |

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 VAX/60 Hz E1 = Single phase electric, 230 VAC/60 Hz. E3 = Three phase electric, 230/460 VAC/60 Hz.

G = Gasoline engine drive, SUBARU D = Diesel engine drive, YANMAR Y = Yachting package Dimensions and weight are approximate and are subject to change.

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