

COMPACT LINE

COMPRESSORS FOR SPORTS & SAFETY APPLICATIONS



75
1946 – 2021

BAUER
KOMPRESSOREN

MAKING THE BEST EVEN BETTER

PATENTED FLOW DESIGN FOR PERFECT COOLING PERFORMANCE

Raising the state-of-the-art class of portable small systems to a new level was a challenge for BAUER. However, the result of the redesign of JUNIOR and OCEANUS is impressive and convincing all the way. The iconic design of the front section is not only an eye-catcher, but also significantly extends the range of applications. Thanks to the efficiency-optimised arrangement of the airflow fins with computer-calculated profile, the cooling air flow is channelled specifically to the cylinders - this increases the cooling capacity and thus helps to save filter cartridge costs. Our customers benefit from more air in the cylinder without repressurisation, a lower thermal load on the system components and, last but not least, an extended application range of the systems under tropical climate conditions.



COMPACT LINE

ULTRA-COMPACT, ULTRA-PORTABLE BREATHING AIR COMPRESSORS

- › Making portability simple: outstanding lightness and ease of use
- › The patented B-TIMER mini-computer reliably signals when a filter cartridge needs to be changed. Safe, user-friendly and extremely durable
- › Wide range of applications: sport diving, firefighting, shipping, medical technology, paintballing, motorsports and many more

26+

SUCCESSFUL YEARS OF USE ALL OVER THE WORLD

125.000+

SYSTEMS SOLD

75

YEARS OF BAUER EXPERTISE

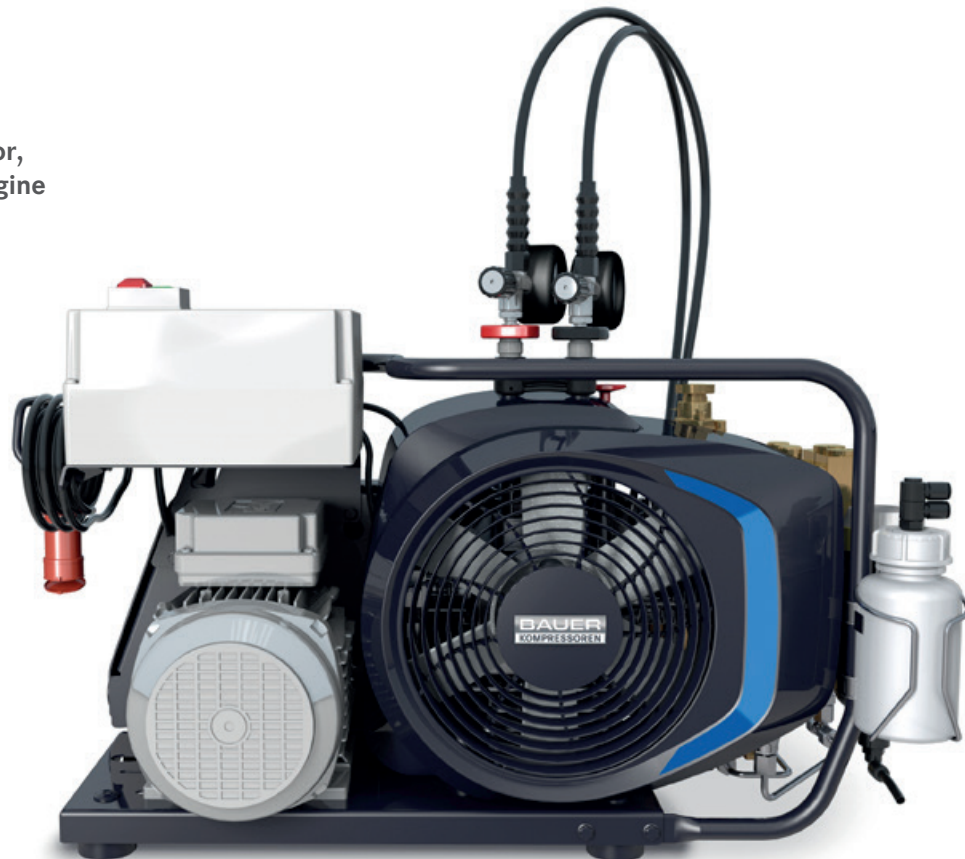
JUNIOR II

Ruggedness, reliability, a wide range of applications and its compact flexibility have made the JUNIOR a worldwide classic. With over 100,000 units sold, it has become a real bestseller around the globe.

Thanks to its small dimensions and sophisticated technology, the smallest of our portable breathing air compressors is ideal for sports divers, marine use, use for respiratory protection applications as well as paintball and shooting sports

In short: for all those who do not want to do without pure and safe breathing air in mobile applications. This lightweight and compact unit can be transported by one person - and fits in almost any car boot.

- › 100 l/min
- › 225 or 330 bar
- › 2.2 kW (4.2 kW petrol version)
- › Available with three-phase motor, single phase motor or petrol engine



OCEANUS

The OCEANUS convinces with its excellent performance data: Compared to the JUNIOR II, it fills a breathing air cylinder up to 40 % faster - with almost identical dimensions.

Designed for demanding professional use, it impresses with its robustness, mobility and high delivery performance. Thanks to the corrosion-resistant base frame out of stainless steel, the OCEANUS is also the ideal mobile compressor in coastal regions with salty air and especially on ships, diving boats or expeditions.

A large oil reservoir in the crankcase and the powerful oil pump also allow operation at steep inclines of up to 30 degrees (up to 20 degrees in the petrol version).

- › 140 l/min
- › 225 or 330 bar
- › 3 kW (5.1 kW petrol version)
- › Available with three-phase motor, single phase motor or petrol engine



OPTIONAL FEATURES (SELECTION)

- › Additional filling device for 225 or 330 bar
- › Switchover device for 330/225 bar
- › Frame and carrying handle of stainless steel (only with JUNIOR II)
- › Automatic condensate drain including automatic shutoff when final pressure is reached
- › Intake telescope (standard with OCEANUS-B and JUNIOR II-B) or intake manifold for attaching a suction hose
- › Trolley

TECHNICAL DATA

Type	Charging Rate ¹		Operating Pressure max.		Purification system	Number of Stages	Speed	Drive and Motor Power		Net Weight approx.	Dimensions L x W x H
	l/min	cfm	bar	psig				Motor	kW		
JUNIOR II-B	100	3.5	330	4780	P 21	3	2,300	Petrol engine 4-stroke	4.2	44	79 x 37 x 44
JUNIOR II-E	100	3.5	330	4780	P 21	3	2,300	Three-phase 400 V, 50 Hz ²	2.2	46	69 x 39 x 44
JUNIOR II-W	100	3.5	330	4780	P 21	3	2,300	Single-phase 230 V, 50 Hz ^{3,4}	2.2	46	69 x 40 x 44
OCEANUS-B	140	5	330	4780	P 21	3	2,300	Petrol engine 4-stroke	5.1	47	77 x 38 x 44
OCEANUS-E	140	5	330	4780	P 21	3	2,300	Three-phase 400 V, 50 Hz ²	3	52	69 x 44 x 44
OCEANUS-W	140	5	330	4780	P 21	3	2,300	Single-phase 230 V, 50 Hz ²	3	52	69 x 49 x 44

1 Measured by cylinder filling (10 l) from 0 - 200 bar/ 2900 psig, ± 5%.

2 Plug dimension: 16 A. OCEANUS-W without plug.

3 Plug dimension: Schuko plug. Plug only for units with 230 V / 50 Hz.

4 With integrated motor protection switch (only for 220/230/240 V).





ARE YOU INTERESTED IN OUR PRODUCTS?

CONTACT US – WE ARE HAPPY TO PROVIDE INFORMATION AND ASSISTANCE.

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Subject to technical change without notice