



### BAUER PureAir Certification

“PureAir – Safe Diving”: high quality breathing air is the most important element of your diving equipment. Insufficiently or even non-filtered air from the compressor may jeopardize the health & even the life of any sports diver.

With the **BAUER PureAir campaign** BAUER KOMPRESSOREN offers any diver an easy-to-use guidance for selecting trustworthy filling stations. Due to state-of-the-art technology as well as intensive training, the diving centres are able to meet the highest standard due to which these centres are certified by means of the exclusive **BAUER PureAir seal**, born by those who operate BAUER high pressure breathing air compressors only. The exclusive **BAUER PureAir seal** guarantees any diver that he or she really receives the purest breathing air.

**You can find out more about BAUER PureAir & the effects of impure breathing air at:**  
[www.bauerpureair.com/diving](http://www.bauerpureair.com/diving)

### BAUER PureAir for breathing

Never subject your customers to fatal risks caused by contaminated air! These risks can be avoided against relatively low expenditure.

As market & technology leader in the field of breathing air production, BAUER KOMPRESSOREN is fully aware of her responsibilities & therefore started a worldwide information & quality campaign for pure underwater breathing air known as the **BAUER PureAir Standard**.

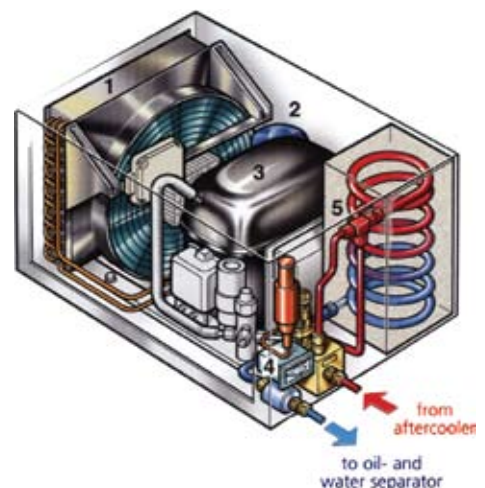
**If you want to get more information on how to get your BAUER PureAir certificate, please contact our Sales & Service Team**

#### AIR KOOL

The AIR-KOOL unit is piped into the compressor system between the after cooler & the oil & water separator. It cools warm, saturated compressed air to a temperature of +6°C. Refrigeration reduces the air’s dew point. A larger proportion of the water vapour condenses in the oil & water separator, extending cartridge life.

#### Technical Data

- Dimensions: L 68cm × H 40cm × W 50cm
- Refrigeration unit: power supply 800 W
- Operating temperature: +5°C to +45°C ambient temperature





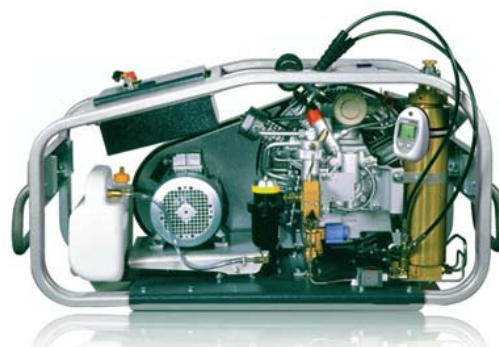
### JUNIOR II COMPRESSOR

The most compact & highly mobile model in our diving compressor range. Due to its toughness & reliability the JUNIOR has become a global classic. JUNIOR II offers an even more compact design & numerous improvements in details. The patented TRIPLEX filter system guarantees purest breathing air according to DIN EN 12021.



### MARINER 200

With 200 l/min. It is the most versatile among the new units of the PROFI-LINE II. Crash frame in series.



### MARINER 320

With 320 l/min. the new Mariner 320 is the most powerful portable compressor worldwide!



### MARINER 250

Even more performance & equipped with the new SUPER TRIPLEX P31 filter in series.



## TECHNICAL DATA

Type max. 330 BAR / 5000 psig	Drive	FAD <sup>2)</sup> L/min*	RPM min <sup>-1</sup>	Filling rate min <sup>3</sup>	Drive kW	Drive HP	Filter System TRIPLEX	approx cm L	approx cm W	approx cm H	Net wt. approx kg
JUNIOR II - B	4-stroke petrol <sup>2)</sup>	100	2300	2.0	4.0	5.5	P21	78	34	42	44
JUNIOR II - W	Single phase	100	2300	2.0	2.2	3.0	P21	66	39	42	46
MARINER 200 - B	4-stroke petrol	200	1,300	1.0	6.1	8.0	P21	125	59	63	115
MARINER 200 - E	3-phase	200	1,300	0.8	4.0	5.5	P21	125	59	63	115
MARINER 250 - B	4-stroke petrol	250	1,450	0.8	6.6	9.0	P31	125	59	63	120
MARINER 250 - E	3-phase	250	1,450	0.8	5.5	7.5	P31	125	59	63	135
MARINER 320 - B	4-stroke petrol	320	1,450	0.6	9.6	13	P31	130	64.5	70	138
MARINER 320 - E	3-phase	320	1,450	0.6	7.5	10	P31	130	64.5	70	154



**MINI-VERTICUS III**  
Silent housing, compact & powerful!

A newly designed field-proven system concept that sets new standards in technology & ergonomics.  
The MINI-VERTICUS III unit combines leading-edge compressor technology with top quality "Made in Germany"  
The sound-proofed MINI-VERTICUS III is the ideal partner for diving centers & diving shops, who count on reliable & long-life use coupled with low operating expenses

- 225 & 330 bar
- 150 - 240 l / min
- 225kg



Type max. 330 bar <sup>1)</sup>	FAD l/min <sup>2)</sup>	RPM min <sup>-1</sup>	Filling rate min <sup>3)</sup>	Drive		Filter system P-range	Dimensions (app.cm)			Weight net (app.kg)	Noise at 1m/3' dB (A)
				kW	HP		L	W	H		
MV 100-4-3	150	1340	1,3	4,0	5,5	P41	102	74	130	255	68
MV 120-4-3	200	1270	1,0	4,0	5,5	P41	102	74	130	255	68
MV 120-5,5-3	250	1470	0,8	5,5	8,0	P41	102	74	130	260	68

- 1) available with switch over device 330 / 225 bar or 255 bar / 330 bar alternatively
- 2) Cylinder filling from 0 to 200 bar
- 3) Filling rate for 10L cylinder capacity

**VERTICUS 5 THE PROFESSIONAL FILLING-STATION**

The powerful silent filling station, which grows according to your needs. The modular system enables simple upgrading in no time. Convenient monitoring of all compressor performance via B-CONTROL. The new optional B-MESSENGER offers remote monitoring & control. The efficient P 61 filter system guarantees purest breathing air according to DIN EN 12021

- 225, 330 & 420 bar
- 260 - 630 L/min
- 425kg



Model max. 330bar/5000psig <sup>1)</sup>	FAD l/min	FAD m <sup>3</sup> /h	RPM min <sup>-1</sup>	Drive kW	Drive HP	Comp. stages	Filter system	L cm	W cm	H cm	Wt. kg	sound pressure level @1m/3' dB(A)
V12.14-5.5-5	260	15.6	1185	5.5	7.5	4	P61 or P81	148	83	152	395	72dB(A) +/- 5dB(A)
V12.14-7.5-5	320	19.2	1470	7.5	10	4	P61 or P81	148	83	152	400	72dB(A) +/- 5dB(A)
V15.1-7.5-5	370	22.2	1050	7.5	10	4	P61 or P81	148	83	152	430	72dB(A) +/- 5dB(A)
V15.1-11-5	450	25.2	1320	11	15	4	P61 or P81	148	83	152	440	72dB(A) +/- 5dB(A)
V150-11-5	540	32.4	1230	11	15	4	P61 or P81	148	83	152	440	72dB(A) +/- 5dB(A)
V180-15-5	680	40.8	1400	15	20	4	P61 or P81	148	83	152	455	72dB(A) +/- 5dB(A)

- 1) also available with switch over device 330 / 225 bar (5000 / 3300 psi) = HU type
- 2) Cylinder filling from 0-200 bar (0-3000 psi)
- 3) P81 Filter system optional
- 4) measured at a distance of 1m acc. to DIN 45635, part 1



Our new POSEIDON EDITION stands for an excellent ratio of price to capacity at very high quality. This product range has been developed for uncomplicated operation combining proven core components from BAUER with a simple, but robust chassis.



- > 100 l/min
- > 225 / 330 bar

The PE 100 is by far the smallest & lightest compressor unit of the PE range. With its three drive variants petrol, three-phase & single-phase alternating current it is suitable for a wide variety of applications, whether ashore, in vehicles or on the high seas.



- > 200 - 300 l/min
- > 225 / 330 bar

The PE 200 / 250-TE models offer the optimum weight / price ratio. Owing to their compact construction, the plants are easy to transport & to load onto vehicles. The oil pump allows inclinations up to 15°, therefore making these models most suitable for use on board of ships.



- > 300 - 680 l/min
- > 225 / 330 / 420 bar

The VE-/VSE range excels through its excellent throughput rates of up to 680 l/min. The effective sound dampening of the VSE range allows its use in noise-sensitive environments.



- > 200 - 300 l/min
- > 225 / 330 bar

The PE 250 / 330-HE horizontal models are by far the most compact high pressure breathing air compressors in their class. Owing to the space-saving arrangement of block & drive, the HE range requires a minimum of floor space in spite of its high throughputs. The standard version comes already equipped with automatic condensate drain & easy-to-use control.