

# POSEIDON EDITION

COMPRESSORS FOR SPORTS & SAFETY APPLICATIONS



SPORTS & SAFETY



# PE-VE

## PE-VE SERIES – FOR UNIVERSAL USE WITH CHARGING RATES UP TO 850 L/MIN

The PE-VE Series offers impressive peak free air delivery rates of up to 850 l/min.

Professionally customised to meet individual needs and charging rate requirements in breathing air applications, PE-VE units feature practical functions, BAUER's hallmark quality and certified safety for reliable stationary operation

The compressors are available in versions for 225 bar and/or 330 bar and for 420 bar.

The modular design of the PE-VE Series enables the units to be ideally aligned to your needs.

The B-CONTROL MICRO demand-driven electronic control unit features clear functional menu-based operation for safe, secure and convenient use and enables the compressor to be controlled fully automatically.

- › 300 - 850 l/min
- › 225/330/420 bar
- › 7.5 – 18.5 kW

### FEATURES

- › Optional Super Silent housing to minimise noise
- › Demand-driven electronic compressor control unit: B-CONTROL MICRO
- › Low-maintenance: no V-belt adjustment necessary

### OPTIONAL FEATURES (SELECTED)

- › Super Silent soundproof housing
- › B-SECURUS filter cartridge saturation monitoring system
- › Filling device for 4 x 200 bar / 4 x 300 bar<sup>1</sup>
- › Remote control and monitoring with the B-APP
- › B-KOOL refrigeration dryer<sup>1</sup>
- › Gas measurement system B-DETECTION PLUS
- › AERO-GUARD CO<sub>2</sub> reduction system
- › BAUER high pressure storage system
- › Automatic selector unit
- › External BAUER filling panel



PE 850-VE with B-CONTROL MICRO control unit and optional Super Silent housing

<sup>1</sup> Not available for PE 850-VE.

## TECHNICAL DATA

### PE-VE UP TO 350 BAR

Type	Charging rate <sup>1</sup>		Operating Pressure max.		Purification System	Number of Stages	Speed	Drive and Motor Power		Net Weight approx. <sup>2</sup>	Dimensions <sup>3</sup> L x W x H
	l/min	cfm	bar	psig				Motor	kW		
PE 300-VE	300	11	350	5000	P 41	3	1,800	400 V/50 Hz <sup>4</sup>	7.5	299	114 x 83 x 152
PE 400-VE	400	14	350	5000	P 41	4	1,800	400 V/50 Hz <sup>4</sup>	11	304	114 x 83 x 152
PE 550-VE	550	20	350	5000	P 41	4	1,230	400 V/50 Hz <sup>4</sup>	11	378	114 x 83 x 152
PE 700-VE	700	25	350	5000	P 61/350	4	1,400	400 V/50 Hz <sup>5</sup>	15	403	114 x 83 x 152
PE 850-VE	850	30	350	5000	P 61/350	4	1,800	400 V/50 Hz <sup>5</sup>	18.5	425	114 x 83 x 152

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

2 Weight of Super Silent version approx. 90 kg higher

3 Dimensions of Super Silent version: 148 x 83 x 152 cm / 160 x 83 x 152cm (PE 850)

4 Plug dimension: 32 A

5 Without plug

### PE-VE UP TO 420 BAR

Type	Charging rate <sup>1</sup>		Operating Pressure max.		Purification System	Number of Stages	Speed	Drive and Motor Power		Net Weight approx. <sup>2</sup>	Dimensions <sup>3</sup> L x W x H
	l/min	cfm	bar	psig				Motor	kW		
PE 320-VE	320	11.5	420	6000	P 41/420	4	1,450	400 V/50 Hz <sup>4</sup>	7.5	299	114 x 83 x 152
PE 500-VE	500	18	420	6000	P 41/420	5	1,170	400 V/50 Hz <sup>4</sup>	11	304	114 x 83 x 152
PE 600-VE	560	19.8	420	6000	P 61/420	5	1,490	400 V/50 Hz <sup>4</sup>	11	378	114 x 83 x 152

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

2 Weight of Super Silent version approx. 90 kg more

3 Dimensions of Super Silent version: 148 x 83 x 152 cm

4 Plug dimension: 32 A



**ARE YOU INTERESTED IN OUR  
PRODUCTS?**

**CONTACT US – WE ARE HAPPY TO PROVIDE  
INFORMATION AND ASSISTANCE:**

**BAUER KOMPRESSOREN GmbH**  
Stäblistr. 8  
81477 Munich, Germany  
Tel. +49 (0) 89 78049-0  
Fax +49 (0) 89 78049-167  
[info@bauer-kompressoren.de](mailto:info@bauer-kompressoren.de)  
[www.bauer-kompressoren.de](http://www.bauer-kompressoren.de)



**BAUER KOMPRESSOREN POSEIDON EDITION EN**  
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Subject to technical change without notice