

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 bar¹
- › B-KOOL refrigeration dryer¹
- › AERO-GUARD CO₂ 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

¹ Not available for PE 850-VE.

TECHNICAL DATA

PE-VE UP TO 350 BAR

| Type | Charging Rate ¹ | | Operating Pressure max. | | Purification System | Number of Stages | Speed | Drive and Motor Power | | Net Weight approx. ² | Dimensions ³ L x W x H |
|-----------|----------------------------|-----|-------------------------|------|---------------------|------------------|-------|--------------------------|------|---------------------------------|--------------------------------------|
| | l/min | cfm | bar | psig | | | | Motor | kW | | |
| PE 300-VE | 300 | 11 | 350 | 5000 | P 42 | 3 | 1,800 | 400 V/50 Hz ⁴ | 7.5 | 299 | 114 x 83 x 152 |
| PE 400-VE | 400 | 14 | 350 | 5000 | P 42 | 4 | 1,800 | 400 V/50 Hz ⁴ | 11 | 304 | 114 x 83 x 152 |
| PE 550-VE | 550 | 20 | 350 | 5000 | P 42 | 4 | 1,230 | 400 V/50 Hz ⁴ | 11 | 378 | 114 x 83 x 152 |
| PE 700-VE | 700 | 25 | 350 | 5000 | P 61/350 | 4 | 1,400 | 400 V/50 Hz ⁵ | 15 | 403 | 114 x 83 x 152 |
| PE 850-VE | 850 | 30 | 350 | 5000 | P 61/350 | 4 | 1,800 | 400 V/50 Hz ⁵ | 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 ¹ | | Operating Pressure max. | | Purification System | Number of Stages | Speed | Drive and Motor Power | | Net Weight approx. ² | Dimensions ³ 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 ⁴ | 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 ⁴ | 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 ⁴ | 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