

PE-TE

MOBILE COMPRESSOR SYSTEMS WITH OPTIMISED FEATURES FOR USE IN VEHICLES AND SHIPPING

The PE-TE Series was developed for high charging rates of up to 300 l/min and is thus ideal for private or commercial operation of filling stations. With compact design and functional carry frame, these compressors are easy to transport and stow in vehicles.

Their integrated oil pump enables them to be operated at inclinations of up to 15 degrees, so that this series is particularly suitable for shipping applications.

Also included is the BAUER P 21 Purification System (optionally available: P 31 or P 42). This sophisticated air purification system with integrated oil and water separator and pressuriser valve reliably prevents users from inhaling air impurities¹ and provides effective protection from icing up when cartridges are changed regularly.

- › 200 - 300 l/min
- › 225 or 330 bar
- › 4 – 7.5 kW

FEATURES

- › High charging rate, yet low in weight and easy to transport
- › Ideal for marine use, with interstage and afterstage cooler in stainless steel. Highly corrosion-resistant
- › Optionally available with user-friendly ultra-rugged B-TIMER mini-computer for filter cartridge monitoring



PE 250-TE with optional control unit

OPTIONAL FEATURES

- › Additional filling device for 225 or 330 bar
- › Switchover device for 225/330 bar (not available for P 31)
- › Larger Purification System P 31 (for PE 250 and PE 300-TE only) or P 41 Purification System (for PE 300-TE only) for longer cartridge life
- › B-TIMER filter cartridge lifetime monitoring system
- › B-SECURUS filter cartridge saturation monitoring system (for P 42 only)
- › Electronic control unit
- › Automatic condensate drain including automatic shut off when final pressure is reached

¹ Based on due maintenance and installation of the system in accordance with the operating manual and only where CO₂ concentrations in intake air do not exceed the predefined standard values. Local TLVs are not considered.

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		
PE 200-TE	200	7	330	4780	P 21	3	1,250	Three-phase 400 V, 50 Hz ²	40	120	110 x 50 x 57
PE 250-TE	250	9	330	4780	P 21	3	1,450	Three-phase 400 V, 50 Hz ²	5.5	130	110 x 50 x 57
PE 300-TE	300	10	330	4780	P 21	3	1,800	Three-phase 400 V, 50 Hz ²	7.5	140	110 x 50 x 57

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

² Plug dimension: Schuko plug 16 A.

