

Wilo-PB series.

Home Booster Pumps.



Wilo-PB Series

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The “home booster” pumps of the Wilo-PB series are suitable for boosting (hot and cold water) where ever low pressure is a problem in the home. The PB pumps are made using a catephoresised cast iron pump housing giving them resistance against corrosion. PB pumps should not be used to pump water containing solids and should NOT be used to pump drinking water. Local regulations relating to water and electrical installations to be observed. Precautions against water damage should be taken if units are installed inside buildings.



PB-088EA (50Hz)

Application

- Pressure boosting
- Storage tank or mains fed water

Advantages

- Stable water pressure due to Flow switch inside of casing
- Inline installation
- Auto/Off/Manual optional operation
- Motor with in-built Thermal Protection for safety
- Motor protection IP44
- Low motor operation temperature
- Corrosion-resistant using catephoresised coated pump housing



PB-200EA (50Hz)

Application

- Pressure boosting
- Storage tank or mains fed water

Advantages

- Stable water pressure due to Flow switch inside of casing
- Inline installation
- Auto/Off/Manual optional operation
- Motor with in-built Thermal Protection for safety
- Motor protection IP44
- Low motor operation temperature
- Corrosion-resistant using catephoresised coated pump housing



PB-400EA (50Hz)

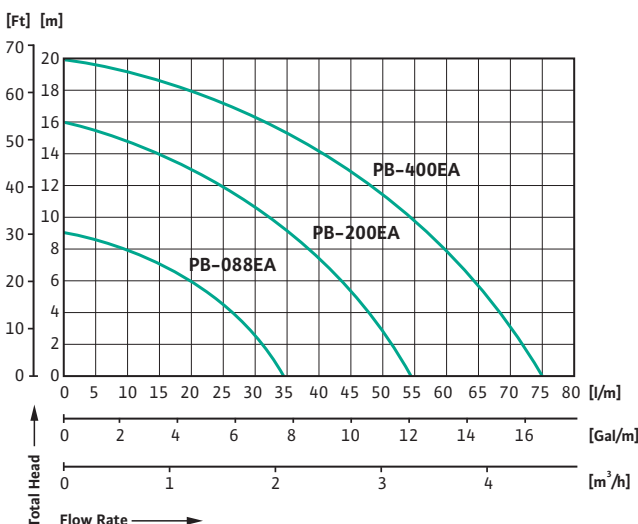
Application

- Pressure boosting
- Storage tank or mains fed water

Advantages

- Stable water pressure due to Flow switch inside of casing
- Inline installation
- Auto/Off/Manual optional operation
- Motor with in-built Thermal Protection for safety
- Motor protection IP44
- Low motor operation temperature
- Corrosion-resistant using catephoresised coated pump housing

Performance Curves



Technical Data

| | PB-088EA | PB-200EA | PB-400EA |
|-------------------------------|----------------------------|--------------|--------------|
| Approved fluids: | Clean water with no solids | | |
| Power source: | 230V, 50Hz, Single phase | | |
| Max. flowrate: | 2.4m³/h | 3.2m³/h | 4.5m³/h |
| Max. head: | 9m | 16m | 20m |
| Rated speed (rpm): | 2900 | | |
| Fluid temperature: | 0°C to +80°C | 0°C to +90°C | 0°C to +80°C |
| Ambient working temperature: | Up to +40°C | | |
| Max. working pressure: | 3bar | 4bar | 6bar |
| Flow switch 'on' flowrate: | 0.12m³/h | 0.1m³/h | 0.1m³/h |
| Degree of protection (Motor): | IP44 | IP44 | IP44 |
| Motor insulation class: | B | | |
| Voltage tolerance: | ±10% | | |