

JP4 C

Pressure booster system

Fully automatic pressure booster station, consisting of a rugged and self-priming centrifugal pump made from stainless steel and a pressure control unit for demand-dependent pumping of water. The built-in ejector with vanes ensures an optimal self-priming performance with suction heights up to 8 m. Long and trouble-free operation is guaranteed thanks to its rugged design and use of corrosion-resistant materials.

BENEFITS

- Corrosion-proof industrial design
- Small and compact device
- Rugged entry-level model

APPLICATIONS

- The pump is suitable for numerous applications in domestic water supply
- Also suitable as pressure boosting for many commercial applications



JP4 C incl. pressure controller

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DESCRIPTION

Design

- Axial suction connection and a radial discharge connection made of corrosion-resistant stainless steel
- Internal hydraulics made of highly wear-resistant composite material
- Composite handle and a stable aluminium base with cathoresis coating for easy transport
- Air-cooled asynchronous motor specially adapted to the pump capacity (single-phase motors have a built-in, automatically resetting thermal switch, which protects the pump against overload)
- Pressure control unit for automatic, consumption-dependent switching on and off, dry run protection, leakage monitoring and overheating protection
- Stainless steel connection set required to connect the control unit to the pump (installation by customer)
- 1.5 m long mains cable with Schuko plug

Optionally available

- Auxiliary control for connection of an external dry running protection device (extra-low voltage)

CONDITIONS OF USE

Typically particle-free water, non-aggressive, or non-explosive media without abrasive or long-fibered components. The pressure control unit and the pump are connected on-site.

Operating pressure	0 – 6 bar
Operating temperature	2 – 40 °C

TECHNICAL DATA OF SERIES

Voltage	230 V
Frequency	50 Hz
Protection class	IP 44

Product name	El. load kW	Hydraulic connection suction / pressure	Dimensions in mm W x D x H	Pump cap. / head m ³ /h / m	Item number
JP4 C	1.13	G 1" IG / G 1" AG	186 x 424 x 476	0.5 – 3.5 / 50 – 25	440 437