



Catalogue

Pressure vessels Bakalár-PumpS



Horizontal Pressure Vessels

With its robust steel construction and replaceable EPDM diaphragm, these pressure vessels ensure that your system is continuously supplied with stable pressure, preventing pressure surges and large pressure fluctuations. This important function not only protects your pump, but also optimizes the overall efficiency of your water delivery.

Thanks to its maximum operating pressure of 10 bar, the pressure vessel is suitable for private use as well as for more demanding applications in domestic waterworks or for well and cistern applications. The tank acts as a reservoir and expansion tank, ensuring a constant supply of water without the pump having to be switched on again every time a small amount of water is drawn. This extends the service life of the pump and reduces energy consumption.

The membrane of the vessel is made of high-quality EPDM, a material known for its flexibility and durability. It is specially approved for the storage of drinking water and can be easily replaced if necessary. The air cushion between the membrane and the outer shell of the tank acts as a counter-pressure to protect the membrane from excessive expansion, thereby extending the service life of the entire system.

Another practical detail is that the pressure vessel is supplied in a horizontal design, which makes it easy to install on surface pumps. Thanks to the universal bracket, this boiler can easily be used as a replacement for your old tank. It is important to check the air pressure in the pressure vessel regularly, as this is directly related to the switch-on pressure of the pressure switch. A simple calculation of the air pressure ensures that your system always works optimally.

Thanks to their compact size and flexible application options, Bakalar-PumpS pressure vessels are an ideal choice for a wide range of systems that rely on a consistent pressure supply. Whether used in domestic waterworks, well pumps or as a cistern connection, these pressure vessels offer a reliable, durable and cost-effective solution for your water supply.

The high quality of the materials used and the solid construction make the Bakalar-PumpS pressure vessels an indispensable component for any water supply system that relies on long service life and efficient performance.

The horizontal pressure tanks are available with a volume of 24l / 50l / 80l and 100l.

Material

- Vessel: Ironsheets
- Coloring: anti-corrosive RAL1013
- Flange: Verzinkter Stahl
- Membran: EPDM

Parameter

- Size: 24 - 100l
- Max. pressure: 10 bar
- Pipe connection: 1" male



Vertical pressure vessels

With its robust steel construction and replaceable EPDM diaphragm, these pressure vessels ensure that your system is continuously supplied with stable pressure, preventing pressure surges and large pressure fluctuations. This important function not only protects your pump, but also optimizes the overall efficiency of your water delivery.

Thanks to its maximum operating pressure of 10 / 16 bar, the pressure vessel is suitable for private use as well as for more demanding applications in industrial waterworks or for well and cistern applications. The tank acts as a reservoir and expansion tank, ensuring a constant supply of water without the pump having to be switched on again every time a small amount of water is drawn. This extends the service life of the pump and reduces energy consumption.

The membrane of the vessel is made of high-quality EPDM, a material known for its flexibility and durability. It is specially approved for the storage of drinking water and can be easily replaced if necessary. The air cushion between the membrane and the outer shell of the tank acts as a counter-pressure to protect the membrane from excessive expansion, thereby extending the service life of the entire system.

Another practical detail is that the pressure vessel is supplied in a vertical design with high legs, which makes it easy to install the pressure vessel to the existing system. Thanks to the vertical design, this pressure vessel can easily be used as a replacement for your old tank. It is important to check the air pressure in the pressure vessel regularly, as this is directly related to the switch-on pressure of the pressure switch. A simple calculation of the air pressure ensures that your system always works optimally.

Thanks to their compact size and flexible application options, Bakalar-PumpS pressure vessels are an ideal choice for a wide range of systems that rely on a consistent pressure supply. Whether used in domestic waterworks, well pumps or as a cistern connection, these pressure vessels offer a reliable, durable and cost-effective solution for your water supply.

The high quality of the materials used and the solid construction make the Bakalar-PumpS pressure vessels an indispensable component for any water supply system that relies on long service life and efficient performance.

The vertical pressure tanks are available with a volume of 50l / 80l / 100l / 150l / 200l / 300l and 500l.

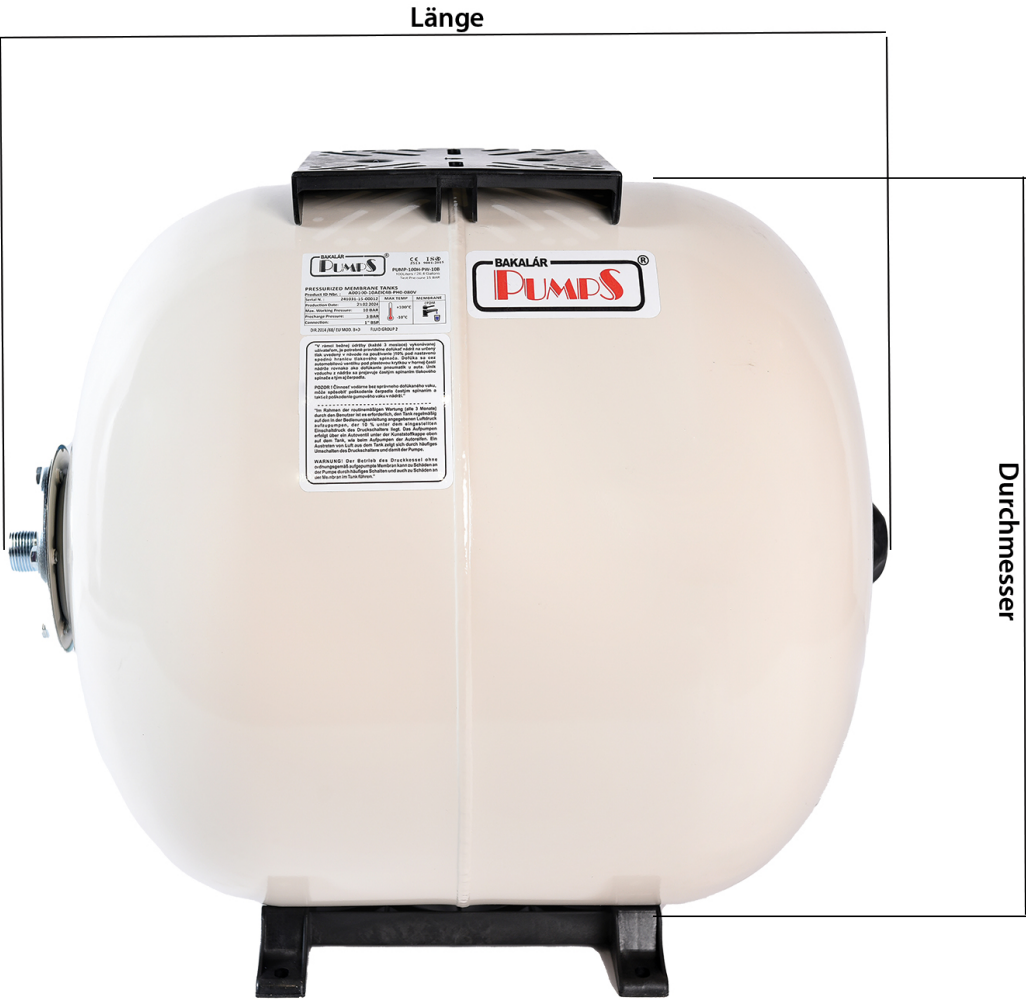
Material

- Vessel: Ironsheets
- Coloring: anti-corrosive RAL1013
- Flange: Verzinkter Stahl
- Membran: EPDM

Parameter

- Size: 50 - 500l
- Max. pressure: 10 / 16 bar
- Pipe connection: 1" male - 1 1/4" female





Model	Volumen	Max. Betriebsdruck	Durchmesser	Länge	Vordruck	Anschluss
24H	24 l	10 bar	335 mm	465 mm	2 bar	1" AG
50H	50 l		385 mm	590 mm	2 bar	1" AG
80H	80 l		445 mm	700 mm	2 bar	1" AG
100H	100 l		545 mm	680 mm	2 bar	1" AG



Model	Volumen	Max. Betriebsdruck	Durchmesser	Höhe	Vordruck	Anschluss
50V	50 l	10 bar	350 mm	722 mm	2 bar	1" AG
80V	80 l		400 mm	916 mm	2 bar	1" AG
100V	100 l		500 mm	886 mm	2 bar	1" AG
150V	150 l		500 mm	1085 mm	3 bar	1" AG
200V	200 l	16 bar	585 mm	1100 mm	4 bar	5/4" IG
300V	300 l		635 mm	1230 mm	4 bar	5/4" IG
500V	500 l		750 mm	1530 mm	4 bar	5/4" IG