

GEP PRESSURE VESSELS

Quiet switching behavior and a comfortable pressure



rethinking water



PRODUCT DESCRIPTION

The interchangeable membrane pressure vessel is a metal vessel that can absorb the potential energy of a pressurized fluid and store it in a rubber bag, also known as a membrane. In the case of water demand, it is possible to transfer the stored energy from the pressurized liquid and convert it back into useful capacity. The air chamber is insulated from the water tank by the EPDM membrane (3), preventing the risks of water contamination by dust, vapor, smoke, oil, bacteria and odors. The insulation between the walls prevents the risk of corrosion.

SCOPE

GEP pressure vessels with interchangeable membrane for sanitary cold water circuits. EPDM membrane, on request BUTYL membrane. Operable at a temperature of -10 °C to 100 °C.

Advice is to adjust the pressure in the pressure vessel in such a way that it is approx. 0.2 bar lower than the switch-on pressure of the pump. Pressure vessel must always be fitted with a valve.

TECHNICAL DATA

Content in liters:	8	24*	50*	50	100	200	300	500
Max. pressure in bar:	10	10	10	10	10	10	10	10
Height H in mm:	305	300	380	697	849	1085	1240	1490
Diameter Ø in mm:	220	295	375	365	495	600	650	750
Connection:	3/4"	1"	1"	1"	1"	5/4"	5/4"	5/4"

1. Half sleeve
2. Tie rod
3. Membrane
4. Connection
5. Flange
6. Weld seam
7. Contra-flange
8. Screws
9. Valve
10. Air chamber

ORDERING INFORMATION

Art nr	NAME	PRIJS
409297	GEP pressure vessel vertical 8 liters	4
402727	GEP pressure vessel horizontally 24 liters	4
402719	GEP pressure vessel horizontal 50 liters	4
402720	GEP pressure vessel vertical 50 liters	4
402721	GEP pressure vessel vertical 100 liters	4
402722	GEP pressure vessel vertical 200 liters	4
402723	GEP pressure vessel vertical 300 liters	4
402724	GEP pressure vessel vertical 500 liters	4

GEP pressure vessels for high pressure available on request.

