

Membrane Pressure Vessel

- vertical & horizontal vessels
- 97/23/EC, DIN 4807-3 & CE-certified
- with exchangeable membrane (Butyl)
- for potable & sanitary water supply
- Coated Steel
- Max. Pressure: 10 bar
- Primary Pressure: 1.5 bar (adjustable)
- -10°C to +100°C



Vertical Pressure Vessels

Art. No.	Description	
367750001	50 l - Membrane Pressure Vessel, Vertical	Connection: 1" (MT)
367710000	100 l - Membrane Pressure Vessel, Vertical	Connection: 1" (MT)
367720000	200 l - Membrane Pressure Vessel, Vertical	Connection: 1½" (MT)
367700500	500 l - Membrane Pressure Vessel, Vertical	Connection: 1½" (MT)

Horizontal Pressure Vessels

(complete with pump mounting plate)

Art. No.	Description	
367750000	50 l - Membrane Pressure Vessel, Horizontal	Connection: 1" (MT)
367790216	100 l - Membrane Pressure Vessel, Horizontal	Connection: 1" (MT)
367720001	200 l - Membrane Pressure Vessel, Horizontal	Connection: 1½" (MT)

Technical table for standard products AISI 304 stainless steel flange

Code for blue colour	½" Top Vessel Connection *	Volume litres	Diameter mm	Height mm	Max. working pressure	Pre-charge	Connection
367750001		50 vert.	380	770	10 bar	1,5 bar	1"G
367710000	x	100 vert.	450	910	10 bar	1,5 bar	1"G
367720000	x	200 vert.	550	1235	10 bar	1,5 bar	1½"G
367700500	x	500 vert.	750	1560	10 bar	1,5 bar	1½"G
367750000		50 hor.	380	410	10 bar	1,5 bar	1"G
367790216	x	100 hor.	450	480	10 bar	1,5 bar	1"G
367720001	x	200 hor.	550	580	10 bar	1,5 bar	1½"G

* to connect a manometer/pressure gauge or Safety Valve

MAJOR WATER YIELD

The membrane pressure tank's usable/available capacity is much superior than that of normal tanks. Therefore, less volume at equal water yield.

COMPRESSOR ELIMINATION

Air feeder is no longer necessary as a cushion of air, separated from the water by the rubber membrane, keeps the tank constantly in pressure.

CE APPROVED

It is not necessary to submit the tank to testing. The tank is supplied already tested and certified in accordance to the European Directive 97/23/EC.

MAINTENANCE FREE

Economic installation and quick assembly. Limited maintenance: Primary Pressure to be checked 2x year.

LIFE SPAN

Maximum duration of the membrane is assured as the membrane itself cannot bend or rub against the plate, as fixed above to the connection and below to the flange. Thus the tanks duration is practically unlimited as the membrane can be replaced.



IMPORTANT:

The primary pressure of the vessel must be set 0.2 bar below the starting pressure of the pump and should be checked 2x per year.

The pressure vessel must be dimensioned in accordance with the facility usage, facility requirements and pump(s) installed.

A too small dimensioned pressure vessel will cause irregular pump switching frequency resulting in premature pump failure and higher operational costs.

Calculations for the required pressure vessel size available on request.

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