



Expansion vessels

110 - 1000 liters with fixed membrane

The membrane expansion vessels are particularly suitable for use in central heating and cooling systems according to EN12828, more than comply with the European directives, and are provided with the CE mark.

The Flexcon expansion vessels are characterised by their slick construction, top-quality membrane, high-quality coating (on the vessel itself) and efficient production methods. Across the world, our expansion vessels are installed every day in small, medium and large installations to the satisfaction of clients, installation companies and end users.

The expansion vessels are supplied ex works with the nitrogen pre-pressure filling specified by the client.



	capacity [l]	dimensions			weight	
		Ø A [mm]	B [mm]	Ø C [mm]	6 bar [kg]	10 bar [kg]
110	110	484	784	360	19,1	38,5
140	140	484	950	360	20,1	44,6
200	200	484	1300	450	27,6	49,3
300	300	600	1330	450	44,1	73,7
425	425	790	1180	610	57,4	105,5
600	600	790	1540	610	70,1	132,0
800	800	790	1888	610	88,0	182,0
1000	1000	790	2268	610	101,4	210,0

- standard delivery type 6 bar max. working pressure (also available in 10 bar ver.)
- mention the requested pre-pressure in bar when ordering (0.5 / 1.0 / 1.5 / 2.0 ... etc.)
- system connection 1" outer wire (top)

- HSS steel, perfectly protected and finished with a gloss epoxy powder coating.
- The extremely low permeability of the membrane prevents pre-pressure losses.
- Nitrogen gas filling for longer pre-pressure retention.
- The nitrogen valve is sunken in a nap and is further protected by a valve cap and plastic protective cap.
- Vessels according EN13831.
- Maximum temperature membrane: 70 °C.
- Suitable for applications in systems with a maximum supply temperature of 120 °C.
- SBR membrane.
- Suitable for glycol solutions up to 50%.
- In accordance with the Pressure Equipment Directive 2014/68 / EU.
- Color: RAL 3002 (red).

