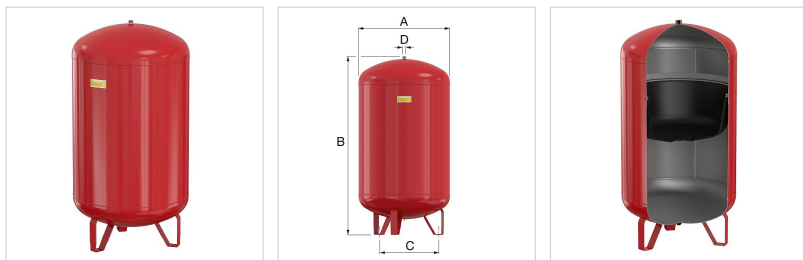


Product Data Sheet

Flexcon Solar 110 - 1000

Expansion vessels specially designed for solar powered installations (acc. to EN12828).



Type	Capacity [l]	Pre-charge [bar]	Dimensions			Syst. conn. (D)	Weight [kg]	###	Order Code
			A [mm]	B [mm]	Ø C [mm]				
Flexcon Solar 110	110	3.0	484	784	360	R 1"	27.3	8	16067
Flexcon Solar 140	140	3.0	484	950	360	R 1"	31.6	8	16068
Flexcon Solar 200	200	3.0	600	960	450	R 1"	35.4	8	16069
Flexcon Solar 300	300	3.0	600	1330	450	R 1"	57.1	6	16070
Flexcon Solar 425	425	3.0	790	1180	610	R 1"	84.9	1	16071
Flexcon Solar 600	600	3.0	790	1540	610	R 1"	105.8	1	16072
Flexcon Solar 800	800	3.0	790	1888	610	R 1"	133.7	1	16073
Flexcon Solar 1000	1000	3.0	790	2268	610	R 1"	155.1	1	16074



Advantages

- The best expansion vessels thanks to our groundbreaking technology.
- Diaphragm: butyl rubber.
- Extremely low permeability of the diaphragm ensures that pre-charge pressure is maintained for a long time.
- The flexible diaphragms with rolling action are preformed and, in contrast to a bag type bladder, prevent stretching so that their properties are preserved over the long term.
- The unique clench ring construction clamps the diaphragm between the two vessel halves. This not only ensures a perfect seal but also prevents mechanical damage of the diaphragm during use (load distribution over the entire clamping area and not at 1 suspension point).
- The gas side is filled with nitrogen, and not with air, so that corrosion is prevented and the pressure loss is even more limited.
- The ribbed profile on the diaphragm prevents it from sticking to the inside wall of the vessel and ensures inflow of expansion water at the slightest increase in pressure.

- Uncoated water connection thread ensures easy and water tight installation.
- Top quality steel and diaphragms.
- Finished with a gleaming epoxy-powder coating.
- Each vessel is factory tested.

Technical information

- Maximum working pressure: 10.0 bar.
- Vessels in accordance with EN13831.
- Suitable for systems with a maximum flow temperature of 120 °C.
- Maximum temperature diaphragm: 110 °C.
- All welded construction.
- Suitable for addition of glycol-based anti-freeze up to 50%.
- In accordance with Pressure Equipment Directive 2014/68/EU.
- Red (RAL 3002) epoxy powder coating.
- Flexcon Solar 110 - 300: including mounting kit.

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