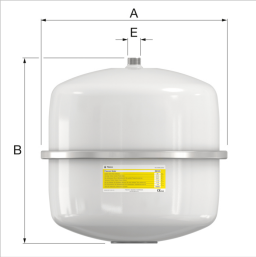
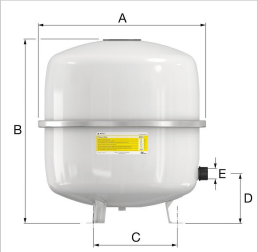
Product Data Sheet

Flexcon Solar 8 - 80

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




Type	Capacity [l]	Pre-charge [bar]	Dimensions A [mm]	B [mm]	Ø C [mm]	D [mm]	Syst. conn. (E)	Weight [kg]	###	Order Code
Flexcon Solar 8	8	2.5	245	277			R 3/4"	3.2	50	16060
Flexcon Solar 12	12	2.5	286	309			R 3/4"	4.5	36	16061
Flexcon Solar 18	18	2.5	328	323			R 3/4"	5.7	24	16062
Flexcon Solar 25	25	2.5	358	356			R 3/4"	7.3	18	16063
Flexcon Solar 35	35	2.5	396	435	263	118	R 3/4"	8.1	18	16064
Flexcon Solar 50	50	2.5	437	493	263	134	R 3/4"	11.4	12	16065
Flexcon Solar 80	80	2.5	519	534	360	140	R 1"	15.0	12	16066

Warranty 5 Year

CE

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.
- Expansion vessels 8 - 80 litres:

- The two halves of the vessel are coated prior to assembly, not afterwards. Therefore there is no risk of corrosion on the clamp ring.
- The nitrogen air valve is countersunk on the vessel to protect it from damage, it is in turn further protected by a plastic cover plate.

Technical information

- Maximum working pressure: 8.0 bar.
- Vessels in accordance with EN13831.
- Suitable for systems with a maximum flow temperature of 120 °C.
- Maximum temperature diaphragm: 110 °C.
- Suitable for addition of glycol-based anti-freeze up to 50%.
- Deep drawn steel vessel halves with zinc plated steel clench ring.
- In accordance with Pressure Equipment Directive 2014/68/EU.
- White (RAL 9010) epoxy powder coating.
- Flexcon Solar 35 - 80: With feet and including mounting kit.



Find more information online:

Manuals
Certificates
CAD drawings
Extra documentation

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