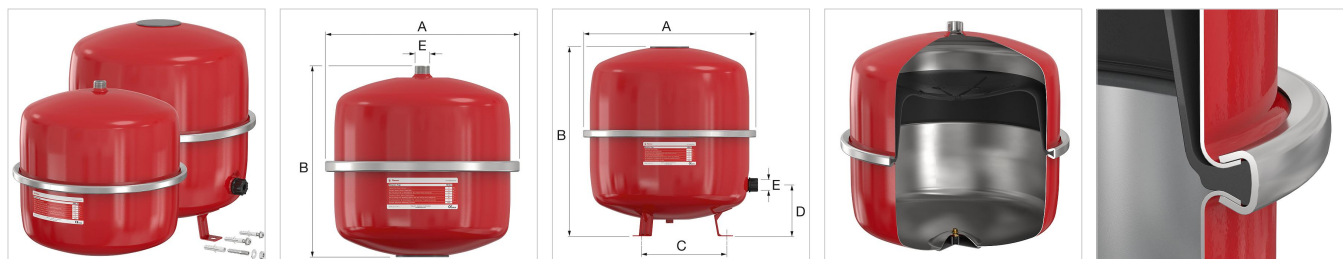


Product Data Sheet

Flexcon Top 2 - 80

High pressure alternative for use in sealed heating installations (acc. to EN12828) and chilled water (cooling) installations.



Type	Capacity [l]	Pre-charge [bar]	Dimensions				Syst. conn. (E)	Weight [kg]	###	Order Code
			A [mm]	B [mm]	Ø C [mm]	D [mm]				
Flexcon Top 2	2	0.5	216	144			R 3/4"	1.7	120	13202
Flexcon Top 2	2	2.5	216	144			R 3/4"	1.7	120	13203
Flexcon Top 2	2	*	216	144			R 3/4"	1.7	120	13204
Flexcon Top 4	4	0.5	216	192			R 3/4"	2.1	90	13404
Flexcon Top 4	4	2.5	216	192			R 3/4"	2.1	90	13405
Flexcon Top 4	4	*	216	192			R 3/4"	2.1	90	13406
Flexcon Top 8	8	0.5	245	277			R 3/4"	3.2	50	16008
Flexcon Top 8	8	2.5	245	277			R 3/4"	3.2	50	16010
Flexcon Top 8	8	*	245	277			R 3/4"	3.2	50	16011
Flexcon Top 12	12	0.5	286	309			R 3/4"	4.5	36	16012
Flexcon Top 12	12	2.5	286	309			R 3/4"	4.5	36	16014
Flexcon Top 12	12	*	286	309			R 3/4"	4.5	36	16015
Flexcon Top 18	18	0.5	328	323			R 3/4"	5.7	24	16018
Flexcon Top 18	18	2.5	328	323			R 3/4"	5.7	24	16020
Flexcon Top 18	18	*	328	323			R 3/4"	5.7	24	16017
Flexcon Top 25	25	0.5	358	356			R 3/4"	7.3	24	16025

Type	Capacity [l]	Pre-charge [bar]	Dimensions				Syst. conn. (E)	Weight [kg]	###	Order Code
			A [mm]	B [mm]	Ø C [mm]	D [mm]				
Flexcon Top 25	25	1.0	358	356			R 3/4"	7.3	18	16026
Flexcon Top 25	25	1.5	358	356			R 3/4"	7.3	18	16029
Flexcon Top 25	25	2.5	358	356			R 3/4"	7.3	18	16027
Flexcon Top 25	25	*	358	356			R 3/4"	7.3	18	16030
Flexcon Top 35	35	0.5	396	435	263	118	R 3/4"	8.1	18	16035
Flexcon Top 35	35	1.5	396	435	263	118	R 3/4"	8.1	18	16039
Flexcon Top 35	35	2.5	396	435	263	118	R 3/4"	8.1	18	16037
Flexcon Top 35	35	*	396	435	263	118	R 3/4"	8.1	18	16038
Flexcon Top 50	50	0.5	437	493	263	134	R 3/4"	11.4	12	16051
Flexcon Top 50	50	1.5	437	493	263	134	R 3/4"	11.4	12	16050
Flexcon Top 50	50	2.5	437	493	263	134	R 3/4"	11.4	12	16053
Flexcon Top 50	50	*	437	493	263	134	R 3/4"	11.4	12	16054
Flexcon Top 80	80	0.5	519	534	360	140	R 1"	15.0	12	16081
Flexcon Top 80	80	2.5	519	534	360	140	R 1"	15.0	12	16083
Flexcon Top 80	80	*	519	534	360	140	R 1"	15.0	12	16084
Flexcon Top 80	80	1.5	519	534	360	140	R 1"	15.0	12	16085

* Specify pre-charge pressure when ordering.

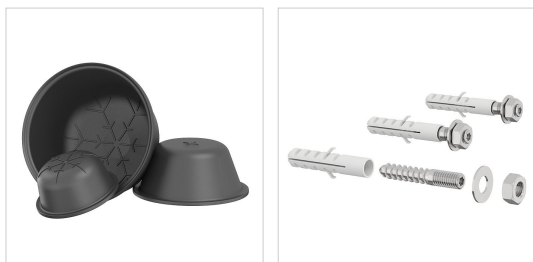


Advantages

- 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: 6.0 bar.
- Vessels in accordance with EN13831.
- Suitable for systems with a maximum flow temperature of 120 °C.
- Maximum temperature diaphragm: 90 °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.
- Red (RAL 3002) epoxy powder coating.
- Flexcon Top 35 - 80: With feet and including mounting kit.



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