



Flamco Flexcon® expansion vessels give you more

The standard Flexcon expansion vessels are suitable for use in central heating and cooling installations. That applies both to vessels with a fixed diaphragm and vessels with an exchangeable diaphragm. However, thanks to a range of special models there are even more interesting possibilities.

- ◆ Flexcon Top expansion vessels for pressures up to 6 bar.
- ◆ Flexcon Solar expansion vessels for use in Solar installations.
- ◆ Flexcon V-B intermediate vessels to prevent the diaphragm being exposed to excessively high temperatures.



FLEXCON TOP 8 - 25

Flexcon Top

Whereas the standard Flexcon expansion vessels (from 2 - 80 litres) have a maximum working pressure of 3 bars, the Flexcon Top range offers a range from 8 - 80 litres with a working pressure of 6 bars.



FLEXCON® TOP

25/2,5

Inhoud / Inhalt / Contenance / Capacity	25 L
Voordruk / Vordruck / Pression initiale / Gas charge	2,5 bar
Max. werkdruk / Zul. Betriebsüberdruck / Pression de service max. / Max. working pressure	6,0 bar
Max. aanvoertemperatuur / Zul. Vorlauftemperatur / Température de départ max. / Max. temperature at (heating) outlet	120 °C
Max. temperatuur membraan / Max. Betriebstemperatur Membrane / Température membrane max. / Max. temperature diaphragm	70 °C
Min. werkdruk / Min. Betriebstemperatur / Température de service min. / Min. working temperature	-10 °C
Max. voordruk / Max. Vordruck / Pression initiale max. / Max. gas charge	3,0 bar
CE 0343 BS4814:90	16027
Flamco b.v. - Gouda - Holland	05:52:5622-04-08
Flamco	

On the label of this and all other Flexcon expansion vessels, you will find all the information you need.

Maximum working pressure of Flexcon Solar 8 - 80 litres: 8 bars.

Maximum working pressure of Flexcon Solar 110 -1000 litres: 10 bars.

Flexcon Solar

Een compleet programma Flexcon expansievaten van 8 - 1000 liter, voor toepassing in Solar installaties. Niet alleen geschikt voor water, maar natuurlijk ook voor de gebruikelijke Solarmedia.

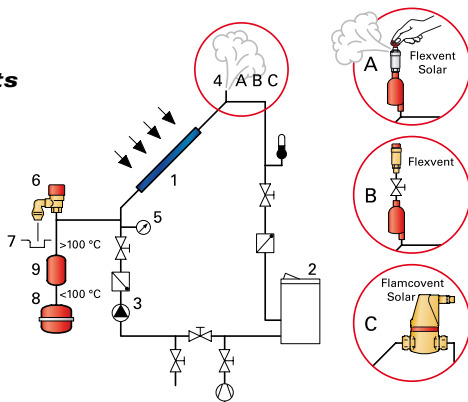


FLEXCON® SOLAR

25/2,5

Inhoud / Inhalt / Contenance / Capacity	25 L
Voordruk / Vordruck / Pression initiale / Gas charge	2,5 bar
Max. werkdruk / Zul. Betriebsüberdruck / Pression de service max. / Max. working pressure	8,0 bar
Max. aanvoertemperatuur / Zul. Vorlauftemperatur / Température de départ max. / Max. temperature at (heating) outlet	120 °C
Max. temperatuur membraan / Max. Betriebstemperatur Membrane / Température membrane max. / Max. temperature diaphragm	70 °C
Min. werkdruk / Min. Betriebstemperatur / Température de service min. / Min. working temperature	-10 °C
Max. voordruk / Max. Vordruck / Pression initiale max. / Max. gas charge	6,0 bar
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Flamco products used in a solar-powered installation



1. Solar collector.
2. Heat exchanger.
3. Pump.
4. Flamco vent valve and Flamco air pot.
 - A. Flexvent Solar (manually venting).
 - B. Flexvent (automatically venting).
 - C. Flamcovent Solar.
5. Pressure gauge.
6. Flamco safety valve and funnel.
7. Overflow vessel.
8. Flexcon Solar expansion vessel.
9. Flexcon V-B intermediate vessel (necessary if the temperature is too high in the Flexcon vessel).



Flamco

White Flexcon expansion vessel and Flexconsole, Flexcon Solar, Flexcon Pro and Flexcon P



- ◆ The white Flexcon 18-litre expansion vessel is ideal for locations in the home (bathroom or kitchen) or in the office. There is also a matching white Flexconsole
- ◆ Flexcon Solar vessels are especially suitable for use in closed solar-energy central heating installations with a supply temperature up to 120 °C. Maximum operating temperature 70 °C. Suitable for glycol solutions up to 50%.
- ◆ Flexcon Pro expansion vessels with replaceable butyl membrane for use in closed central heating, cooling and air-conditioning installations.
- ◆ Flexcon P vessels have a flat discus shape with practical suspension eye which makes fast and easy wall mounting possible. The water connection is underneath. The Flexcon P, thanks to its limited dimensions, requires little space.

Versions and dimensions of Flexcon white 3 bar and Flexconsole white

Type	Pre-pressure in bars	Dimensions in mm			Connection (male) D	Weight in kg	Code number
		ØA	B	ØC			
Flexcon 18	0.5	286	409		3/4"	3.7	26181
Flexconsole							27989

Versions and dimensions of Flexcon Solar 8 bar

Type	Pre-pressure in bars	Dimensions in mm			Connection (male) D	Weight in kg	Code number
		ØA	B	ØC			
Flexcon Solar 8	2.5	245	280		3/4"	3.2	16060
Flexcon Solar 12	2.5	286	313		3/4"	4.3	16061
Flexcon Solar 18	2.5	328	306		3/4"	5.7	16062
Flexcon Solar 25	2.5	358	359		3/4"	7.3	16063
Flexcon Solar 35	2.5	396	416	263	3/4"	8.8	16064
Flexcon Solar 50	2.5	437	473	263	3/4"	11.2	16065
Flexcon Solar 80	2.5	519	540	360	1"	15	16066

Versions and dimensions of Flexcon Solar 10 bar

Type	Pre-pressure in bars	Dimensions in mm			Connection (male) D	Weight in kg	Code number
		ØA	B	ØC			
Flexcon Solar 110	2.5	484	784	360	1"	38.5	16067
Flexcon Solar 140	2.5	484	950	360	1"	44.6	16068
Flexcon Solar 200	2.5	600	960	450	1"	49.3	16069
Flexcon Solar 300	2.5	600	1330	450	1"	73.7	16070
Flexcon Solar 425	2.5	790	1180	610	1"	105.5	16071
Flexcon Solar 600	2.5	790	1540	610	1"	132	16072
Flexcon Solar 800	2.5	790	1888	610	1"	181.8	16073
Flexcon Solar 1000	2.5	790	2268	610	1"	211	16074

Versions and dimensions of Flexcon Pro 6 bar

Type	Pre-pressure in bars	Dimensions in mm		Connection (male) D	Weight in kg	Code number
		ØA	B			
Flexcon Pro 200	*	550	1150	1"	47	25420
Flexcon Pro 250	*	550	1400	1"	55	25425
Flexcon Pro 300	*	550	1650	1"	63	25430
Flexcon Pro 370	*	650	1350	1"	74	25431
Flexcon Pro 430	*	750	1170	1"	87	25443
Flexcon Pro 540	*	750	1420	1"	108	25454
Flexcon Pro 650	*	750	1670	1"	125	25465
Flexcon Pro 770	*	750	1950	1"	153	25477
Flexcon Pro 870	*	750	2200	1"	172	25487
Flexcon Pro 1000	*	750	2450	1"	180	25500

* Specify pre-pressure when ordering.

Versions and dimensions of Flexcon P 3 bar

Type	Pre-pressure in bars	Dimensions in mm					Connection (male) D	Weight in kg	Code number
		A	B	C	D	E			
Flexcon P 18	1.0	387	360	226	80	365	3/4"	5.7	13316
Flexcon P 25	1.0	435	405	256	90	415	3/4"	7.7	13326
Flexcon P 35	1.0	435	405	333	110	450	3/4"	8.9	13336
Flexcon P 50	1.5	515	484	344	125	505	3/4"	11.8	13357

