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Flexcon capacity tables in litres



Below mentioned table gives the maximum water capacity of the installation, on which the respective Flexcon expansion vessels can be used.

Average temperature 90 °C/70 °C = 80 °C.
Expansion = 2.89%.

Final pressure of 3,0 bar is blow-off pressure of safety valve.

3,0 bar

Type	Initial pressure in bar	Installation capacity in litres Static height up to			
		5 m	10 m	15 m	20 m
Flexcon 2/0.5	0.5	43	-	-	-
Flexcon 4/0.5	0.5	87	-	-	-
Flexcon 8/0.5	0.5	173	-	-	-
Flexcon 12/0.5	0.5	260	-	-	-
Flexcon 12/1.0	1.0	-	208	-	-
Flexcon 18/0.5	0.5	389	-	-	-
Flexcon 18/1.0	1.0	-	311	-	-
Flexcon 25/0.5	0.5	541	-	-	-
Flexcon 25/1.0	1.0	-	433	-	-
Flexcon 35/0.5	0.5	757	-	-	-
Flexcon 35/1.0	1.0	-	606	-	-
Flexcon 35/1.5	1.5	-	-	454	-
Flexcon 50/0.5	0.5	1081	-	-	-
Flexcon 50/1.0	1.0	-	865	-	-
Flexcon 50/1.5	1.5	-	-	649	-
Flexcon 80/0.5	0.5	1730	-	-	-
Flexcon 80/1.0	1.0	-	1384	-	-
Flexcon 80/1.5	1.5	-	-	1038	-
Flexcon 110/0.5	0.5	2379	-	-	-
Flexcon 110/1.0	1.0	-	1903	-	-
Flexcon 110/1.5	1.5	-	-	1427	-
Flexcon 110/2.0	2.0	-	-	-	952

The maximum water capacities listed in the above mentioned table are theoretical values for an average water temperature of 80 °C.

For other temperatures the value has to be multiplied by the following factors:

- for 85 °C: factor 0.89
- for 90 °C: factor 0.80
- for 95 °C: factor 0.73
- for 100 °C: factor 0.66.

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Average temperature 90 °C/70 °C = 80 °C.
Expansion = 2.89%.

Final pressure of 5,0 bar is blow-off pressure of safety valve.

5,0 bar



Type	Initial pressure in bar	Installation capacity in litres					
		5 m	10 m	Static height up to		25 m	30 m
				20 m	25 m		
Flexcon 140/0.5	0.5	3027	-	-	-	-	-
Flexcon 140/1.0	1.0	-	3027	-	-	-	-
Flexcon 140/1.5	1.5	-	-	2826	-	-	-
Flexcon 140/2.0	2.0	-	-	-	2422	-	-
Flexcon 140/2.5	2.5	-	-	-	-	2018	-
Flexcon 140/3.0	3.0	-	-	-	-	-	1615
Flexcon 200/0.5	0.5	4325	-	-	-	-	-
Flexcon 200/1.0	1.0	-	4325	-	-	-	-
Flexcon 200/1.5	1.5	-	-	4037	-	-	-
Flexcon 200/2.0	2.0	-	-	-	3460	-	-
Flexcon 200/2.5	2.5	-	-	-	-	2884	-
Flexcon 200/3.0	3.0	-	-	-	-	-	2307
Flexcon 300/0.5	0.5	6487	-	-	-	-	-
Flexcon 300/1.0	1.0	-	6487	-	-	-	-
Flexcon 300/1.5	1.5	-	-	6055	-	-	-
Flexcon 300/2.0	2.0	-	-	-	5190	-	-
Flexcon 300/2.5	2.5	-	-	-	-	4325	-
Flexcon 300/3.0	3.0	-	-	-	-	-	3460
Flexcon 425/0.5	0.5	9191	-	-	-	-	-
Flexcon 425/1.0	1.0	-	9191	-	-	-	-
Flexcon 425/1.5	1.5	-	-	8578	-	-	-
Flexcon 425/2.0	2.0	-	-	-	7353	-	-
Flexcon 425/2.5	2.5	-	-	-	-	6127	-
Flexcon 425/3.0	3.0	-	-	-	-	-	4902
Flexcon 600/0.5	0.5	12975	-	-	-	-	-
Flexcon 600/1.0	1.0	-	12975	-	-	-	-
Flexcon 600/1.5	1.5	-	-	12111	-	-	-
Flexcon 600/2.0	2.0	-	-	-	10381	-	-
Flexcon 600/2.5	2.5	-	-	-	-	8651	-
Flexcon 600/3.0	3.0	-	-	-	-	-	6920
Flexcon 800/0.5	0.5	13841	-	-	-	-	-
Flexcon 800/1.0	1.0	-	13841	-	-	-	-
Flexcon 800/1.5	1.5	-	-	13841	-	-	-
Flexcon 800/2.0	2.0	-	-	-	13841	-	-
Flexcon 800/2.5	2.5	-	-	-	-	11534	-
Flexcon 800/3.0	3.0	-	-	-	-	-	9227
Flexcon 1000/3.0	3.0	-	-	-	-	-	11534

The maximum water capacities listed in the table are theoretical values for an average water temperature of 80 °C. For other temperatures the value has to be multiplied by the following factors:
for 85 °C: factor 0.89
for 90 °C: factor 0.80
for 95 °C: factor 0.73
for 100 °C: factor 0.66.



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Average temperature 90 °C/70 °C = 80 °C.
Expansion = 2.89%.

Final pressure of 8,0 bar is blow-off pressure of safety valve.

8,0 bar



Type	Initial pressure in bar	Installation capacity in litres									
		Static height up to									
		25 m	30 m	35 m	40 m	45 m	50 m	55 m	60 m	65 m	
Flexcon 110/2.5	2.5	2326	-	-	-	-	-	-	-	-	
Flexcon 110/3.0	3.0	-	2115	-	-	-	-	-	-	-	
Flexcon 110/3.5	3.5	-	-	1903	-	-	-	-	-	-	
Flexcon 110/4.0	4.0	-	-	-	1692	-	-	-	-	-	
Flexcon 110/4.5	4.5	-	-	-	-	1480	-	-	-	-	
Flexcon 110/5.0	5.0	-	-	-	-	-	1269	-	-	-	
Flexcon 110/5.5	5.5	-	-	-	-	-	-	1057	-	-	
Flexcon 110/6.0	6.0	-	-	-	-	-	-	-	846	-	
Flexcon 110/6.5	6.5	-	-	-	-	-	-	-	-	634	
Flexcon 140/2.5	2.5	2960	-	-	-	-	-	-	-	-	
Flexcon 140/3.0	3.0	-	2691	-	-	-	-	-	-	-	
Flexcon 140/3.5	3.5	-	-	2422	-	-	-	-	-	-	
Flexcon 140/4.0	4.0	-	-	-	2153	-	-	-	-	-	
Flexcon 140/4.5	4.5	-	-	-	-	1884	-	-	-	-	
Flexcon 140/5.0	5.0	-	-	-	-	-	1615	-	-	-	
Flexcon 140/5.5	5.5	-	-	-	-	-	-	1346	-	-	
Flexcon 140/6.0	6.0	-	-	-	-	-	-	-	1077	-	
Flexcon 140/6.5	6.5	-	-	-	-	-	-	-	-	807	
Flexcon 200/2.5	2.5	4229	-	-	-	-	-	-	-	-	
Flexcon 200/3.0	3.0	-	3845	-	-	-	-	-	-	-	
Flexcon 200/3.5	3.5	-	-	3460	-	-	-	-	-	-	
Flexcon 200/4.0	4.0	-	-	-	3076	-	-	-	-	-	
Flexcon 200/4.5	4.5	-	-	-	-	2691	-	-	-	-	
Flexcon 200/5.0	5.0	-	-	-	-	-	2307	-	-	-	
Flexcon 200/5.5	5.5	-	-	-	-	-	-	1922	-	-	
Flexcon 200/6.0	6.0	-	-	-	-	-	-	-	1538	-	
Flexcon 200/6.5	6.5	-	-	-	-	-	-	-	-	1153	
Flexcon 300/2.5	2.5	6344	-	-	-	-	-	-	-	-	
Flexcon 300/3.0	3.0	-	5767	-	-	-	-	-	-	-	
Flexcon 300/3.5	3.5	-	-	5190	-	-	-	-	-	-	
Flexcon 300/4.0	4.0	-	-	-	4614	-	-	-	-	-	
Flexcon 300/4.5	4.5	-	-	-	-	4037	-	-	-	-	
Flexcon 300/5.0	5.0	-	-	-	-	-	3460	-	-	-	
Flexcon 300/5.5	5.5	-	-	-	-	-	-	2884	-	-	
Flexcon 300/6.0	6.0	-	-	-	-	-	-	-	2307	-	
Flexcon 300/6.5	6.5	-	-	-	-	-	-	-	-	1730	

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8,0 bar



Type	Initial pressure in bar	Installation capacity in litres									
		Static height up to									
		25 m	30 m	35 m	40 m	45 m	50 m	55 m	60 m	65 m	
Flexcon 425/2.5	2.5	8987	-	-	-	-	-	-	-	-	
Flexcon 425/3.0	3.0	-	8170	-	-	-	-	-	-	-	
Flexcon 425/3.5	3.5	-	-	7353	-	-	-	-	-	-	
Flexcon 425/4.0	4.0	-	-	-	6536	-	-	-	-	-	
Flexcon 425/4.5	4.5	-	-	-	-	5719	-	-	-	-	
Flexcon 425/5.0	5.0	-	-	-	-	-	4902	-	-	-	
Flexcon 425/5.5	5.5	-	-	-	-	-	-	4085	-	-	
Flexcon 425/6.0	6.0	-	-	-	-	-	-	-	3268	-	
Flexcon 425/6.5	6.5	-	-	-	-	-	-	-	-	2451	
Flexcon 600/2.5	2.5	12687	-	-	-	-	-	-	-	-	
Flexcon 600/3.0	3.0	-	11534	-	-	-	-	-	-	-	
Flexcon 600/3.5	3.5	-	-	10381	-	-	-	-	-	-	
Flexcon 600/4.0	4.0	-	-	-	9227	-	-	-	-	-	
Flexcon 600/4.5	4.5	-	-	-	-	8074	-	-	-	-	
Flexcon 600/5.0	5.0	-	-	-	-	-	6920	-	-	-	
Flexcon 600/5.5	5.5	-	-	-	-	-	-	5767	-	-	
Flexcon 600/6.0	6.0	-	-	-	-	-	-	-	4614	-	
Flexcon 600/6.5	6.5	-	-	-	-	-	-	-	-	3460	
Flexcon 800/2.5	2.5	13841	-	-	-	-	-	-	-	-	
Flexcon 800/3.0	3.0	-	13841	-	-	-	-	-	-	-	
Flexcon 800/3.5	3.5	-	-	13841	-	-	-	-	-	-	
Flexcon 800/4.0	4.0	-	-	-	12303	-	-	-	-	-	
Flexcon 800/4.5	4.5	-	-	-	-	10765	-	-	-	-	
Flexcon 800/5.0	5.0	-	-	-	-	-	9227	-	-	-	
Flexcon 800/5.5	5.5	-	-	-	-	-	-	7689	-	-	
Flexcon 800/6.0	6.0	-	-	-	-	-	-	-	6151	-	
Flexcon 800/6.5	6.5	-	-	-	-	-	-	-	-	4614	
Flexcon 1000/4.0	4.0	-	-	-	13841	-	-	-	-	-	
Flexcon 1000/4.5	4.5	-	-	-	-	13456	-	-	-	-	
Flexcon 1000/5.0	5.0	-	-	-	-	-	11534	-	-	-	
Flexcon 1000/5.5	5.5	-	-	-	-	-	-	9612	-	-	
Flexcon 1000/6.0	6.0	-	-	-	-	-	-	-	7689	-	
Flexcon 1000/6.5	6.5	-	-	-	-	-	-	-	-	5767	

The maximum water capacities listed in the above mentioned table are theoretical values for an average water temperature of 80 °C.

For other temperatures the value has to be multiplied by the following factors:

- for 85 °C: factor 0.89
- for 90 °C: factor 0.80
- for 95 °C: factor 0.73
- for 100 °C: factor 0.66.



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Flexcon capacity tables in kW for budgetary purposes



Average temperature 90 °C/70 °C = 80 °C.
Expansion = 2.89%.

Final pressure of 3,0 bar is blow-off pressure of safety valve.

3,0 bar

Central heating installation with				Convec-tors	Panel radiators	Column radiators	Floor heating	District heating
Basic water contents per l/kW				5.2 l/kW	8.6 l/kW	12 l/kW	21.5 l/kW	25.8 l/kW
Type		Initial pressure in bar	Static height in m	Max. capacity in kW				
Flexcon	2/0.5	0.5	5	8.3	5.0	3.6	2.0	1.7
Flexcon	4/0.5	0.5	5	16.6	10.0	7.2	4.0	3.4
Flexcon	8/0.5	0.5	5	33.3	20.1	14.4	8.0	6.7
Flexcon	12/0.5	0.5	5	49.9	30.1	21.6	12.0	10.1
Flexcon	18/0.5	0.5	5	74.9	45.2	32.4	18.1	15.1
Flexcon	25/0.5	0.5	5	104.0	62.8	45.1	25.1	21.0
Flexcon	35/0.5	0.5	5	146.0	88.0	63.1	35.2	29.3
Flexcon	50/0.5	0.5	5	208.0	125.0	90.1	50.3	41.9
Flexcon	80/0.5	0.5	5	333.0	201.0	144.0	80.4	67.1
Flexcon	110/0.5	0.5	5	457.0	277.0	198.0	111.0	92.0
Flexcon	140/0.5	0.5	5	582.0	352.0	252.0	141.0	117.0
Flexcon	200/0.5	0.5	5	832.0	503.0	360.0	201.0	168.0
Flexcon	300/0.5	0.5	5	1248.0	754.0	541.0	302.0	251.0
Flexcon	425/0.5	0.5	5	1768.0	1069.0	766.0	427.0	356.0
Flexcon	600/0.5	0.5	5	2495.0	1509.0	1081.0	604.0	503.0
Flexcon	800/0.5	0.5	5	2662.0	1609.0	1153.0	644.0	536.0
Flexcon	12/1.0	1.0	10	39.9	24.1	17.3	9.7	8.0
Flexcon	18/1.0	1.0	10	59.9	36.2	26.0	14.5	12.1
Flexcon	25/1.0	1.0	10	83.2	50.3	36.0	20.1	16.8
Flexcon	35/1.0	1.0	10	116.0	70.4	50.5	28.2	23.5
Flexcon	50/1.0	1.0	10	166.0	100.0	72.1	40.3	33.5
Flexcon	80/1.0	1.0	10	266.0	160.0	115.0	64.4	53.6
Flexcon	110/1.0	1.0	10	366.0	221.0	159.0	89.0	74.0
Flexcon	140/1.0	1.0	10	466.0	282.0	202.0	113.0	94.0
Flexcon	200/1.0	1.0	10	665.0	402.0	288.0	161.0	134.0
Flexcon	300/1.0	1.0	10	998.0	604.0	433.0	241.0	201.0
Flexcon	425/1.0	1.0	10	1414.0	855.0	613.0	342.0	285.0
Flexcon	600/1.0	1.0	10	1996.0	1207.0	865.0	483.0	402.0
Flexcon	800/1.0	1.0	10	2662.0	1609.0	1153.0	644.0	536.0

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3,0 bar



Central heating installation with				Convec-tors	Panel radiators	Column radiators	Floor heating	District heating
Basic water contents per l/kW				5.2 l/kW	8.6 l/kW	12 l/kW	21.5 l/kW	25.8 l/kW
Type		Initial pressure in bar	Static height in m	Max. capacity in kW				
Flexcon	35/1.5	1.5	15	87.3	52.8	37.8	21.1	17.6
Flexcon	50/1.5	1.5	15	125.0	75.5	54.1	30.2	25.1
Flexcon	80/1.5	1.5	15	200.0	120.7	86.5	48.3	40.2
Flexcon	110/1.5	1.5	15	274.0	166.0	119.0	66.0	55.0
Flexcon	140/1.5	1.5	15	349.0	211.0	151.0	84.0	70.0
Flexcon	200/1.5	1.5	15	499.0	302.0	216.0	121.0	101.0
Flexcon	300/1.5	1.5	15	749.0	453.0	324.0	181.0	151.0
Flexcon	425/1.5	1.5	15	1061.0	641.0	460.0	256.0	214.0
Flexcon	600/1.5	1.5	15	1497.0	905.0	649.0	362.0	302.0
Flexcon	800/1.5	1.5	15	1996.0	1207.0	865.0	483.0	402.0
Flexcon	1000/1.5	1.5	15	2495.0	1509.0	1081.0	604.0	503.0
Flexcon	110/2.0	2.0	20	183.0	111.0	79.0	44.0	37.0
Flexcon	140/2.0	2.0	20	233.0	141.0	101.0	56.0	47.0
Flexcon	200/2.0	2.0	20	333.0	201.0	144.0	80.0	67.0
Flexcon	300/2.0	2.0	20	499.0	302.0	216.0	121.0	101.0
Flexcon	425/2.0	2.0	20	707.0	427.0	306.0	171.0	142.0
Flexcon	600/2.0	2.0	20	998.0	604.0	433.0	241.0	201.0
Flexcon	800/2.0	2.0	20	1331.0	805.0	577.0	322.0	268.0
Flexcon	1000/2.0	2.0	20	1664.0	1006.0	721.0	402.0	335.0

1 kW = 860 kcal/h.
 1,000 kcal/h = 1.163 kW.

The maximum water capacities listed in the above mentioned table are theoretical values for an average water temperature of 80 °C.

For other temperatures the value has to be multiplied by the following factors:

- for 85 °C: factor 0.89
- for 90 °C: factor 0.80
- for 95 °C: factor 0.73
- for 100 °C: factor 0.66.



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Average temperature 90 °C/70 °C = 80 °C.
Expansion = 2.89%.

Final pressure of 5,0 bar is blow-off pressure of safety valve.

5,0 bar



Central heating installation with			Convec-tors	Panel radiators	Column radiators	Floor heating	District heating
Basic water contents per l/kW			5.2 l/kW	8.6 l/kW	12 l/kW	21.5 l/kW	25.8 l/kW
Type	Initial pressure in bar	Static height in m	Max. capacity in kW				
Flexcon 140/1.5	1.5	15	543.0	329.0	235.0	131.0	110.0
Flexcon 200/1.5	1.5	15	776.0	469.0	336.0	188.0	156.0
Flexcon 300/1.5	1.5	15	1164.0	704.0	505.0	282.0	235.0
Flexcon 425/1.5	1.5	15	1650.0	997.0	715.0	399.0	332.0
Flexcon 600/1.5	1.5	15	2329.0	1408.0	1009.0	563.0	469.0
Flexcon 800/1.5	1.5	15	2662.0	1609.0	1153.0	644.0	536.0
Flexcon 140/2.0	2.0	20	466.0	282.0	202.0	113.0	94.0
Flexcon 200/2.0	2.0	20	665.0	402.0	288.0	161.0	134.0
Flexcon 300/2.0	2.0	20	998.0	604.0	433.0	241.0	201.0
Flexcon 425/2.0	2.0	20	1414.0	855.0	613.0	342.0	285.0
Flexcon 600/2.0	2.0	20	1996.0	1207.0	865.0	483.0	402.0
Flexcon 800/2.0	2.0	20	2662.0	1609.0	1153.0	644.0	536.0
Flexcon 140/2.5	2.5	25	388.0	235.0	168.0	94.0	78.0
Flexcon 200/2.5	2.5	25	555.0	335.0	240.0	134.0	112.0
Flexcon 300/2.5	2.5	25	832.0	503.0	360.0	201.0	168.0
Flexcon 425/2.5	2.5	25	1178.0	712.0	511.0	285.0	237.0
Flexcon 600/2.5	2.5	25	1664.0	1006.0	721.0	402.0	335.0
Flexcon 800/2.5	2.5	25	2218.0	1341.0	961.0	536.0	447.0
Flexcon 1000/2.5	2.5	25	2662.0	1609.0	1153.0	644.0	536.0
Flexcon 140/3.0	3.0	30	311.0	188.0	135.0	75.0	63.0
Flexcon 200/3.0	3.0	30	444.0	268.0	192.0	107.0	89.0
Flexcon 300/3.0	3.0	30	665.0	402.0	288.0	161.0	134.0
Flexcon 425/3.0	3.0	30	943.0	570.0	408.0	228.0	190.0
Flexcon 600/3.0	3.0	30	1331.0	805.0	577.0	322.0	268.0
Flexcon 800/3.0	3.0	30	1774.0	1073.0	769.0	429.0	358.0
Flexcon 1000/3.0	3.0	30	2218.0	1341.0	961.0	536.0	447.0
Flexcon 140/3.5	3.5	35	233.0	141.0	101.0	56.0	47.0
Flexcon 200/3.5	3.5	35	333.0	201.0	144.0	80.0	67.0
Flexcon 300/3.5	3.5	35	499.0	302.0	216.0	121.0	101.0
Flexcon 425/3.5	3.5	35	707.0	427.0	306.0	171.0	142.0
Flexcon 600/3.5	3.5	35	998.0	604.0	433.0	241.0	201.0
Flexcon 800/3.5	3.5	35	1331.0	805.0	577.0	322.0	268.0
Flexcon 1000/3.5	3.5	35	1664.0	1006.0	721.0	402.0	335.0

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5,0 bar



Central heating installation with			Convec-tors	Panel radiators	Column radiators	Floor heating	District heating
Basic water contents per l/kW			5.2 l/kW	8.6 l/kW	12 l/kW	21.5 l/kW	25.8 l/kW
Type	Initial pressure in bar	Static height in m	Max. capacity in kW				
Flexcon 140/4.0	4.0	40	155.0	94.0	67.0	38.0	31.0
Flexcon 200/4.0	4.0	40	222.0	134.0	96.0	54.0	45.0
Flexcon 300/4.0	4.0	40	333.0	201.0	144.0	80.0	67.0
Flexcon 425/4.0	4.0	40	471.0	285.0	204.0	114.0	95.0
Flexcon 600/4.0	4.0	40	665.0	402.0	288.0	161.0	134.0
Flexcon 800/4.0	4.0	40	887.0	536.0	384.0	215.0	179.0
Flexcon 1000/4.0	4.0	40	1109.0	671.0	481.0	268.0	224.0

1 kW = 860 kcal/h.

1,000 kcal/h = 1.163 kW.

The maximum water capacities listed in the above mentioned table are theoretical values for an average water temperature of 80 °C.

For other temperatures the value has to be multiplied by the following factors:

for 85 °C: factor 0.89

for 90 °C: factor 0.80

for 95 °C: factor 0.73

for 100 °C: factor 0.66.



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Average temperature 90 °C/70 °C = 80 °C.
Expansion = 2.89%.

Final pressure of 8,0 bar is blow-off pressure of safety valve.

8,0 bar



Central heating installation with			Convec-tors	Panel radiators	Column radiators	Floor heating	District heating
Basic water contents per l/kW			5.2 l/kW	8.6 l/kW	12 l/kW	21.5 l/kW	25.8 l/kW
Type	Initial pressure in bar	Static height in m	Max. capacity in kW				
Flexcon 110/2.5	2.5	25	447.0	270.0	194.0	108.0	90.0
Flexcon 140/2.5	2.5	25	569.0	344.0	247.0	138.0	115.0
Flexcon 200/2.5	2.5	25	813.0	492.0	352.0	197.0	164.0
Flexcon 300/2.5	2.5	25	1220.0	738.0	529.0	295.0	246.0
Flexcon 425/2.5	2.5	25	1728.0	1045.0	749.0	418.0	348.0
Flexcon 600/2.5	2.5	25	2440.0	1475.0	1057.0	590.0	492.0
Flexcon 800/2.5	2.5	25	2662.0	1609.0	1153.0	644.0	536.0
Flexcon 110/3.0	3.0	30	407.0	246.0	176.0	98.0	82.0
Flexcon 140/3.0	3.0	30	518.0	313.0	224.0	125.0	104.0
Flexcon 200/3.0	3.0	30	739.0	447.0	320.0	179.0	149.0
Flexcon 300/3.0	3.0	30	1109.0	671.0	481.0	268.0	224.0
Flexcon 425/3.0	3.0	30	1571.0	950.0	681.0	380.0	317.0
Flexcon 600/3.0	3.0	30	2218.0	1341.0	961.0	536.0	447.0
Flexcon 800/3.0	3.0	30	2662.0	1609.0	1153.0	644.0	536.0
Flexcon 110/3.5	3.5	35	366.0	221.0	159.0	89.0	74.0
Flexcon 140/3.5	3.5	35	466.0	282.0	202.0	113.0	94.0
Flexcon 200/3.5	3.5	35	665.0	402.0	288.0	161.0	134.0
Flexcon 300/3.5	3.5	35	998.0	604.0	433.0	241.0	201.0
Flexcon 425/3.5	3.5	35	1414.0	855.0	613.0	342.0	285.0
Flexcon 600/3.5	3.5	35	1996.0	1207.0	865.0	483.0	402.0
Flexcon 800/3.5	3.5	35	2662.0	1609.0	1153.0	644.0	536.0
Flexcon 110/4.0	4.0	40	325.0	197.0	141.0	79.0	66.0
Flexcon 140/4.0	4.0	40	414.0	250.0	179.0	100.0	83.0
Flexcon 200/4.0	4.0	40	591.0	358.0	256.0	143.0	119.0
Flexcon 300/4.0	4.0	40	887.0	536.0	384.0	215.0	179.0
Flexcon 425/4.0	4.0	40	1257.0	760.0	545.0	304.0	253.0
Flexcon 600/4.0	4.0	40	1774.0	1073.0	769.0	429.0	358.0
Flexcon 800/4.0	4.0	40	2366.0	1431.0	1025.0	572.0	477.0
Flexcon 1000/4.0	4.0	40	2957.0	1788.0	1282.0	715.0	596.0
Flexcon 110/4.5	4.5	45	285.0	172.0	123.0	69.0	57.0
Flexcon 140/4.5	4.5	45	362.0	219.0	157.0	88.0	73.0
Flexcon 200/4.5	4.5	45	518.0	313.0	224.0	125.0	104.0
Flexcon 300/4.5	4.5	45	776.0	469.0	336.0	188.0	156.0

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8,0 bar



Central heating installation with			Convec-tors	Panel radiators	Column radiators	Floor heating	District heating
Basic water contents per l/kW			5.2 l/kW	8.6 l/kW	12 l/kW	21.5 l/kW	25.8 l/kW
Type	Initial pressure in bar	Static height in m	Max. capacity in kW				
Flexcon 425/4.5	4.5	45	1100.0	665.0	477.0	266.0	222.0
Flexcon 600/4.5	4.5	45	1553.0	939.0	673.0	376.0	313.0
Flexcon 800/4.5	4.5	45	2070.0	1252.0	897.0	501.0	417.0
Flexcon 1000/4.5	4.5	45	2588.0	1565.0	1121.0	626.0	522.0
Flexcon 110/5.0	5.0	50	244.0	148.0	106.0	59.0	49.0
Flexcon 140/5.0	5.0	50	311.0	188.0	135.0	75.0	63.0
Flexcon 200/5.0	5.0	50	444.0	268.0	192.0	107.0	89.0
Flexcon 300/5.0	5.0	50	665.0	402.0	288.0	161.0	134.0
Flexcon 425/5.0	5.0	50	943.0	570.0	408.0	228.0	190.0
Flexcon 600/5.0	5.0	50	1331.0	805.0	577.0	322.0	268.0
Flexcon 800/5.0	5.0	50	1774.0	1073.0	769.0	429.0	358.0
Flexcon 1000/5.0	5.0	50	2218.0	1341.0	961.0	536.0	447.0
Flexcon 110/5.5	5.5	55	203.0	123.0	88.0	49.0	41.0
Flexcon 140/5.5	5.5	55	259.0	156.0	112.0	63.0	52.0
Flexcon 200/5.5	5.5	55	370.0	224.0	160.0	89.0	75.0
Flexcon 300/5.5	5.5	55	556.0	335.0	240.0	134.0	112.0
Flexcon 425/5.5	5.5	55	786.0	475.0	340.0	190.0	158.0
Flexcon 600/5.5	5.5	55	1109.0	671.0	481.0	268.0	224.0
Flexcon 800/5.5	5.5	55	1479.0	894.0	641.0	358.0	298.0
Flexcon 1000/5.5	5.5	55	1848.0	1118.0	801.0	447.0	373.0
Flexcon 110/6.0	6.0	60	163.0	98.0	70.0	39.0	33.0
Flexcon 140/6.0	6.0	60	207.0	125.0	90.0	50.0	42.0
Flexcon 200/6.0	6.0	60	296.0	179.0	128.0	72.0	60.0
Flexcon 300/6.0	6.0	60	444.0	268.0	192.0	107.0	89.0
Flexcon 425/6.0	6.0	60	628.0	380.0	272.0	152.0	127.0
Flexcon 600/6.0	6.0	60	887.0	536.0	384.0	215.0	179.0
Flexcon 800/6.0	6.0	60	1183.0	715.0	513.0	286.0	238.0
Flexcon 1000/6.0	6.0	60	1479.0	894.0	641.0	358.0	298.0
Flexcon 110/6.5	6.5	65	122.0	74.0	53.0	30.0	25.0
Flexcon 140/6.5	6.5	65	155.0	94.0	67.0	38.0	31.0
Flexcon 200/6.5	6.5	65	222.0	134.0	96.0	54.0	45.0
Flexcon 300/6.5	6.5	65	333.0	201.0	144.0	80.0	67.0
Flexcon 425/6.5	6.5	65	471.0	285.0	204.0	114.0	95.0
Flexcon 600/6.5	6.5	65	665.0	402.0	288.0	161.0	134.0
Flexcon 800/6.5	6.5	65	887.0	536.0	384.0	215.0	179.0
Flexcon 1000/6.5	6.5	65	1109.0	671.0	481.0	268.0	224.0

1 kW = 860 kcal/h.
1,000 kcal/h = 1.163 kW.

The maximum water capacities listed in the table are theoretical values for an average water temperature of 80 °C. For other temperatures the value has to be multiplied by the following factors:
for 85 °C: factor 0.89
for 90 °C: factor 0.80
for 95 °C: factor 0.73
for 100 °C: factor 0.66.