



Flamco



3.0 bar

**Flexcon capacity tables in litres
for cooling installations
with pure water**



Lowest working pressure = starting pressure + 0.5 bar.
Highest working pressure = final pressure - 0.5 bar.
Blow-off pressure of safety valve is 3.0 bar.

Type	Initial pressure in bar	Max. water contents of the installation in litres					
		Temperature difference + 4 °C up to + 30 °C expansion = 0.43%			Temperature difference + 4 °C up to + 35 °C expansion = 0.60%		
		Static height up to			Static height up to		
		5 m	10 m	15 m	5 m	10 m	15 m
Flexcon 8/0.5	0.5	598	-	-	429	-	-
Flexcon 12/0.5	0.5	897	-	-	643	-	-
Flexcon 18/0.5	0.5	1346	-	-	964	-	-
Flexcon 25/0.5	0.5	1869	-	-	1339	-	-
Flexcon 35/0.5	0.5	2616	-	-	1875	-	-
Flexcon 50/0.5	0.5	3738	-	-	2679	-	-
Flexcon 80/0.5	0.5	5980	-	-	4286	-	-
Flexcon 110/0.5	0.5	8223	-	-	5893	-	-
Flexcon 140/0.5	0.5	10465	-	-	7500	-	-
Flexcon 200/0.5	0.5	14950	-	-	10714	-	-
Flexcon 300/0.5	0.5	22425	-	-	16071	-	-
Flexcon 425/0.5	0.5	31769	-	-	22768	-	-
Flexcon 600/0.5	0.5	44850	-	-	32143	-	-
Flexcon 800/0.5	0.5	59534	-	-	42666	-	-
Flexcon 1000/0.5	0.5	74418	-	-	53333	-	-
Flexcon 12/1.0	1.0	-	638	-	-	457	-
Flexcon 18/1.0	1.0	-	957	-	-	686	-
Flexcon 25/1.0	1.0	-	1329	-	-	952	-
Flexcon 35/1.0	1.0	-	1860	-	-	1333	-
Flexcon 50/1.0	1.0	-	2658	-	-	1905	-
Flexcon 80/1.0	1.0	-	4252	-	-	3048	-
Flexcon 110/1.0	1.0	-	5847	-	-	4190	-
Flexcon 140/1.0	1.0	-	7442	-	-	5333	-
Flexcon 200/1.0	1.0	-	10631	-	-	7619	-
Flexcon 300/1.0	1.0	-	15947	-	-	11429	-
Flexcon 425/1.0	1.0	-	22591	-	-	16190	-
Flexcon 600/1.0	1.0	-	31894	-	-	22857	-
Flexcon 800/1.0	1.0	-	42790	-	-	30666	-
Flexcon 1000/1.0	1.0	-	53488	-	-	38333	-
Flexcon 35/1.5	1.5	-	-	969	-	-	694
Flexcon 50/1.5	1.5	-	-	1384	-	-	992
Flexcon 80/1.5	1.5	-	-	2215	-	-	1587
Flexcon 110/1.5	1.5	-	-	3045	-	-	2183
Flexcon 140/1.5	1.5	-	-	3876	-	-	2778
Flexcon 200/1.5	1.5	-	-	5537	-	-	3968
Flexcon 300/1.5	1.5	-	-	8306	-	-	5952
Flexcon 425/1.5	1.5	-	-	11766	-	-	8433
Flexcon 600/1.5	1.5	-	-	16611	-	-	11905
Flexcon 800/1.5	1.5	-	-	22325	-	-	16000
Flexcon 1000/1.5	1.5	-	-	27906	-	-	20000

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5.0 bar

Lowest working pressure = starting pressure + 0.5 bar.
 Highest working pressure = final pressure - 0.5 bar.
 Blow-off pressure of safety valve is 5.0 bar.



Type	Initial pressure in bar	Max. water contents of the installation in litres							
		Temperature difference + 4 °C up to + 30 °C expansion = 0.43%				Temperature difference + 4 °C up to + 35 °C expansion = 0.60%			
		Static height up to				Static height up to			
		15 m	20 m	25 m	30 m	15 m	20 m	25 m	30 m
Flexcon 140/1.5	1.5	12327	-	-	-	8834	-	-	-
Flexcon 200/1.5	1.5	17616	-	-	-	12626	-	-	-
Flexcon 300/1.5	1.5	26427	-	-	-	18939	-	-	-
Flexcon 425/1.5	1.5	37438	-	-	-	26831	-	-	-
Flexcon 600/1.5	1.5	52854	-	-	-	37879	-	-	-
Flexcon 800/1.5	1.5	70511	-	-	-	50333	-	-	-
Flexcon 1000/1.5	1.5	88139	-	-	-	63166	-	-	-
Flexcon 140/2.0	2.0	-	10195	-	-	-	7307	-	-
Flexcon 200/2.0	2.0	-	14497	-	-	-	10390	-	-
Flexcon 300/2.0	2.0	-	21746	-	-	-	15584	-	-
Flexcon 425/2.0	2.0	-	30806	-	-	-	22078	-	-
Flexcon 600/2.0	2.0	-	43491	-	-	-	31169	-	-
Flexcon 800/2.0	2.0	-	58046	-	-	-	41600	-	-
Flexcon 1000/2.0	2.0	-	72558	-	-	-	52000	-	-
Flexcon 140/2.5	2.5	-	-	7769	-	-	-	5567	-
Flexcon 200/2.5	2.5	-	-	11099	-	-	-	7955	-
Flexcon 300/2.5	2.5	-	-	16649	-	-	-	11932	-
Flexcon 425/2.5	2.5	-	-	23586	-	-	-	16903	-
Flexcon 600/2.5	2.5	-	-	33298	-	-	-	23864	-
Flexcon 800/2.5	2.5	-	-	44465	-	-	-	31866	-
Flexcon 1000/2.5	2.5	-	-	55581	-	-	-	39833	-
Flexcon 140/3.0	3.0	-	-	-	5261	-	-	-	3737
Flexcon 200/3.0	3.0	-	-	-	7517	-	-	-	5387
Flexcon 300/3.0	3.0	-	-	-	11276	-	-	-	8081
Flexcon 425/3.0	3.0	-	-	-	15974	-	-	-	11448
Flexcon 600/3.0	3.0	-	-	-	22551	-	-	-	16162
Flexcon 800/3.0	3.0	-	-	-	29953	-	-	-	21466
Flexcon 1000/3.0	3.0	-	-	-	37441	-	-	-	26833