

Plate heat exchangers

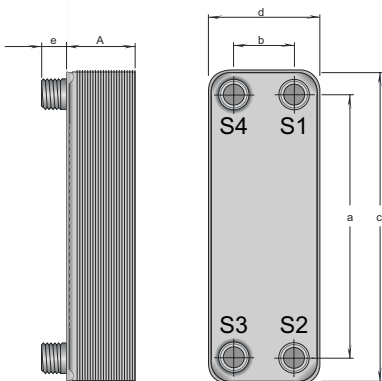
The heat transfer surface consists of thin, corrugated plates in acid-proof stainless steel placed upon each other. Parallel flow channels are created, where the two fluids travel in opposite directions. The high thermal efficiency makes these plate heat exchangers extremely effective and also easy to install where there is little space. They do not have any gaskets and are therefore suitable in processes with high temperature and/or high pressure, e.g. in district heat systems.



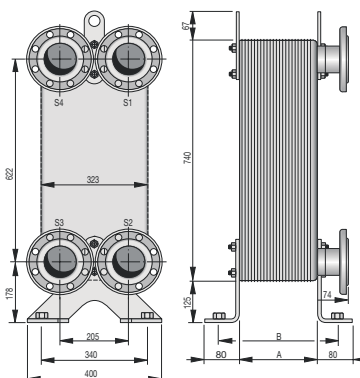
Plate heat exchangers							
Item no.	Model	Capacity		Primary side, hot water		Secondary side, cold water	
		kW	kBtu/h	l/min	press. drop H(m)	l/min	press. drop H(m)
113510	CB14-20H	40	135	16,9	0,8	23	1,3
113512	CB14-40H	75	260	31,7	0,8	43,2	1,4
113520	CB27-25M	100	340	42,3	0,7	57,5	1,3
113522	CB27-50M	200	680	84,5	0,8	115,1	1,7
113570	CB77-35L	400	1365	197,2	0,8	261,5	1,6
113572	CB77-70L	600	2050	295,7	0,5	392,3	1,4
113580	CB200-44L	800	2730	338	0,8	460,4	1,6
113582	CB200-56L	1000	3412	422,5	0,8	575,5	1,6



Item no.	Model	Max working pressure bar		Connection	
		Primary	Secondary	Primary S3, S4	Secondary S1, S2
113510	CB14-20H	32	32	3/4"	3/4"
113512	CB14-40H	32	32	1"	1 1/4"
113520	CB27-25M	32	32	1"	1 1/4"
113522	CB27-50M	32	32	1"	1 1/4"
113570	CB77-35L	25	16	2"	2 1/2"
113572	CB77-70L	25	16	2"	2 1/2"
113580	CB200-44L	16	16	LF-DN80	LF-DN80
113582	CB200-56L	16	16	LF-DN80	LF-DN80



Dimensions							
Item no.	Model	a	b	c	d	e	A
113510	CB14-20H	172	42	208	78	24	55
113512	CB14-40H	172	42	208	78	24	102
113520	CB27-25M	250	50	310	112	45	69
113522	CB27-50M	250	50	310	112	45	129
113570	CB77-35L	519	92	618	191	48	110
113572	CB77-70L	519	92	618	191	48	209,5



Dimensions			
Item no.	Model	A	B
113580	CB200-44L	130	210
113582	CB200-56L	162	242