



TECHNICAL SHEET

# T PLATE B M/P/S

*M/P/S series-corrosion resistant  
brazed plate heat exchanger*



## All the machines are EEC directive compliant

M/P/S series is specially designed for higher chlorine content applications. M series is made of corrosion resistant stainless steel (equivalent to SMO254). P series is both corrosion and high pressure resistant, which is suitable for heating and cooling system of swimming pool. S series is with anti corrosion material which makes it the most suitable model for sea water application.



BRAZING MATERIAL	NICKEL		
Model	TCB800-1500-2500M	TCB800-1500-2500P	TCB800-1500-2500S
Plate material	Equivalent to SMO254	Corrosion resistant stainless steel	
	(A1,A2/B1,B2)		
Max. Working Pressure (bar)	10/10	30/30	30/10
Min. Test Pressure (bar)	15/15	43/43	43/15
Max. Working Temperature (°C)	200		

## Application fields



MODEL	L1	L2	W1	W2	H THICKNESS	WEIGHT	TOTAL HEAT TRANSFER AREA	VOLUME/ CHANNEL
	(mm)	(mm)	(mm)	(mm)	(mm)	(kg)	(m <sup>2</sup> )	(liter)
TCB800M	306	250	106	50	10.0+2.40*N	1.54+0.136*N	0.0255	0.055
TCB1500M	522	466	106	50	10.0+2.40*N	3.12+0.240*N	0.0475	0.095
TCB2500M	528	456	246	174	11.5+2.40*N	7.91+0.544*N	0.1099	0.232
TCB800P	306	250	106	50	10.0+2.40*N	1.48+0.157*N	0.0255	0.055
TCB1500P	522	466	106	50	10.0+2.40*N	3.10+0.267*N	0.0475	0.095
TCB2500P	528	456	246	174	11.5+2.40*N	8.00+0.568*N	0.1099	0.232
TCB800S	306	250	106	50	10.0+2.40*N	1.57+0.137*N	0.0255	0.055
TCB1500S	522	466	106	50	10.0+2.40*N	3.15+0.240*N	0.0475	0.095
TCB2500S	528	456	246	174	11.5+2.40*N	8.00+0.514*N	0.1099	0.232

N: number of plates

