



Scheda tecnica / Technical sheet

T PLATE B I

I series-impact resistant brazed plate heat exchanger



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I series is suitable for those applications with the possibilities of encountering thermal shocks or pressure shocks.



Brazing Material	Copper			
Model	TCBI300	TCBI900	TCBI1700	TCBI2500
	(A1,A2/B1,B2)			
Max. Working Pressure (bar)	30/30	30/30	30/30	30/30
Min. Test Pressure (bar)	43/43	43/43	43/43	43/43
Max. Working Temperature (°C)	200			



Model	L1 (mm)	L2 (mm)	W1 (mm)	W2 (mm)	H Thickness (mm)	Weight (kg)	Heat Transfer Area/ plate (m ²)	Total Heat Transfer Area (m ²)	Volume/ Channel (liter)	Total Volume (liter)
TCBI300	194	154	80	40	10.0+2.25*N	0.90+0.047*N	0.0117	(N-6)*0.0117	0.025	(N-5)*0.025
TCBI900	304	250	124	70	10.0+2.40*N	1.96+0.131*N	0.0300	(N-6)*0.0300	0.065	(N-5)*0.065
TCBI1700	504	444	124	64	10.0+2.40*N	4.06+0.237*N	0.0533	(N-6)*0.0533	0.107	(N-5)*0.107
TCBI2500	528	456	246	174	11.5+2.40*N	8.12+0.438*N	0.1099	(N-6)*0.1099	0.232	(N-5)*0.232

N: number of plates

