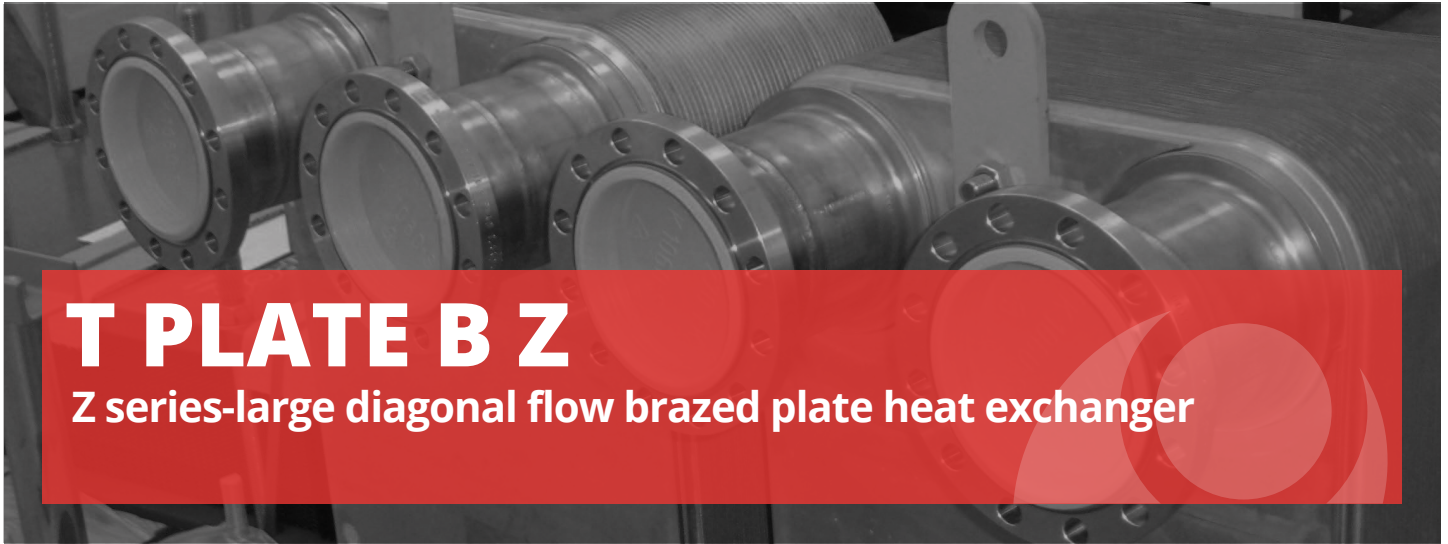




Scheda tecnica / Technical sheet

T PLATE B Z

Z series-large diagonal flow brazed plate heat exchanger



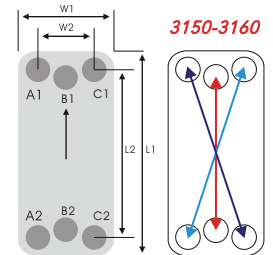
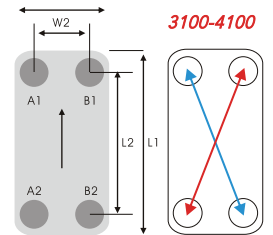
T PLATE B Z

Z series-large diagonal flow brazed plate heat exchanger

The newly innovative Z series is designed with a diagonal flow pattern, providing higher efficiency to replace other traditional shell and tube, double tube or multi-tube heat exchangers in various applications. The advantage of Z series dual circuit is providing the best performance in both full load and part load conditions. Z series single circuit is specially designed for large volume and high heat transfer efficiency requirement.



Brazing Material	Copper		Copper (Extra Strength)	
Model	TCBZ3100-TCBZ4100	TCBZ3150	TCBZ3010	TCBZ3160
	(A2,B1/A1,B2)	(A2,C1/A1,C2/B1,B2)	(A2,B1/A1,B2)	(A2,C1/A1,C2/B1,B2)
Max. Working Pressure (bar)	30/30	30/30/30	45/30	45/45/30
Min. Test Pressure (bar)	43/43	43/43/43	65/43	65/65/43
Max. Working Temperature (°C)	200			



Model	L1 (mm)	L2 (mm)	W1 (mm)	W2 (mm)	H Thickness (mm)	Weight (kg)	Heat Transfer Area (m ²)	Total Heat Transfer Area (m ²)	Volume/Channel (liter)	Total volume (liter)
TCBZ3100	751	650	321	220	14.0+2.38*N	33.64+0.89*N	0.2074	(N-2)*0.2074	0.423	(N-1)*0.423
TCBZ3150	751	656	321	226	14.0+2.40*N	33.82+0.87*N	0.2074	(N-2)*0.2074	0.414	(N-2)*0.414
TCBZ4100	945	810	375	240	14.0+2.38*N	45.94+1.23*N	0.3	(N-2)*0.3	0.62	(N-1)*0.62
TCBZ3010	751	650	321	220	23.0+2.38*N	39.02+1.03*N	0.2074	(N-2)*0.2074	0.423	(N-1)*0.423
TCBZ3160	751	656	321	226	23.0+2.40*N	39.60+1.01*N	0.2074	(N-2)*0.2074	0.414	(N-2)*0.414

N: number of plates

Z series is designed with 3 different types of plates which satisfy various working conditions.



High Heat Transfer Performance



Standard



Low Pressure Drop