



TECHNICAL SHEET
T PLATE B E/F

*E/F series-low pressure brazed
plate heat exchanger*



All the machines are EEC directive compliant

E/ F series is aiming at the specification of small volume water to water application. E series is flat cover plate design and F series is economical design (without flat cover plate); also, multi-pass pattern are available upon different working conditions and requests. Main application: residential gas boiler, district heating, solar heating system.



BRAZING MATERIAL	COPPER		
	TCBF100	TCBE300	TCBE500
Model	(A1,A2/B1,B2)		
Max. Working Pressure (bar)	10/10	10/10	10/10
Min. Test Pressure (bar)	15/15	15/15	15/15
Max. Working Temperature (°C)	200		

Application fields



MODEL	L1 (mm)	L2 (mm)	W1 (mm)	W2 (mm)	H THICKNESS (mm)	WEIGHT* *(kg) (Without Connection)	HEAT TRANSFER AREA/ PLATE (m ²)	TOTAL HEAT TRANSFER AREA (m ²)	VOLUME/ CHANNEL (liter)	TOTAL VOLUME (liter)
TCBF100 2	202.6	172	74.2	40/42	6.5+2.27*N	0.38+0.040*N	0.0120	(N-2)*0.0120	0.025	(N-1)*0.025
TCBE300	194.5	154	80.5	40	7.0+2.25*N	0.47+0.047*N	0.0117	(N-2)*0.0117	0.025	(N-1)*0.025
TCBE500	311	278	73	40	9.0+2.30*N	0.80+0.070*N	0.0195	(N-2)*0.0195	0.040	(N-1)*0.040

N: number of plates

