

T PLATE B ST

Process industries heat exchangers



Tempco T PLATE B ST Inox / Inox

T PLATE B ST Heat exchangers are ideal for many different applications on industrial processes. The gasket-free solution makes it possible to use these innovative heat exchangers in many processes applications. You can use it on organic solvent/solvent interchanger, where the medium chemical features are too aggressive for gasket components. It can be also used as heater or cooler when temperature is too high or too low for gaskets, as gas/gas heat exchanger or more as gas heater, gas cooler, reboiler or condenser. No copper filler gives you guarantee on chemical resistance when you have amine contamination or similar fluids.

Applications fields

- steam application
- water preheating
- thermal oil cooler/heater
- biodiesel cooler/heater
- vent condenser on reactor or chemical machinery
- hydraulic/lube oil cooler/heater
- solvent heat recovery
- cryogenic nitrogen cooler

Technical features

- pressure design: full vacuum up to 50 barg
- temperature design: -200°C up to 350°C
- nozzles diameter: 1/2" up to 2 1/2"



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SIZES and MODELS

T PLATE B ST					
dimensions mm.					
type TCB	A	B	C	D	F
100	74	204	40	170	10,0 + 2,3 x np
300	90	231	43	182	13,0 + 2,35 x np
500	90	328	43	279	13,0 + 2,35 x np
1300	90	464	43	415	12,0 + 2,35 x np
700	124	173	73	120	13,0 + 2,35 x np
900	124	335	73	281	13,0 + 2,30 x np
1700	124	532	73	478	13,0 + 2,30 x np
2500	271	532	200	460	13,3 + 2,35 x np
2700	271	532	161	421	13,3 + 2,35 x np
3100	271	802	161	690	13,3 + 2,35 x np

