

PROCESS ENGINEERS & ASSOCIATES



GENERAL BROCHURE

PLATE HEAT EXCHANGER





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APPLICATIONS OF INDUSTRIAL / PAINTED PLATE HEAT EXCHANGERS

- COOLING HYDRAULIC OILS IN POWER PRESSES, HYDRAULIC POWER PACKS
- COOLING DM WATER IN INDUCTION FURNACES
- COOLING HEATING HEADS IN INDUCTION HEATERS
- COOLING QUENCH OIL IN QUENCHING FURNACES
- COOLING WATER IN HVAC INDUSTRY
- COOLING LUBRICATION OILS IN CENTRALIZED LUBRICATION SYSTEMS
- HEATING WATER FROM SYSTEM IN HOTEL INDUSTRY
- HEATING AND MAINTAINING WATER IN SWIMMING POOLS
- HEATING AND COOLING WATER FOR DOMESTIC APPLICATIONS
- COOLING DM WATER IN GENERATORS TO PREVENT OVERHEATING
- COOLING DM WATER IN WIRE DRAWING PLANTS
- COOLING DM WATER IN ROLLING PLANTS
- COOLING DM WATER IN GENERATORS IN MARINE AND SHIPPING INDUSTRY

And many other applications across process industry ...

PLATE HEAT EXCHANGERS | MILK AND DAIRY PRODUCT PROCESSING EQUIPMENTS | AUTOMATIC CUP FILLING AND WASHING MACHINE FOR DAHI | STAINLESS STORAGE TANKS AND VESSELS | FRUIT AND VEGETABLE WASHER | TURNKEY PROJECTS – MILK AND JUICE PROCESSING PLANTS



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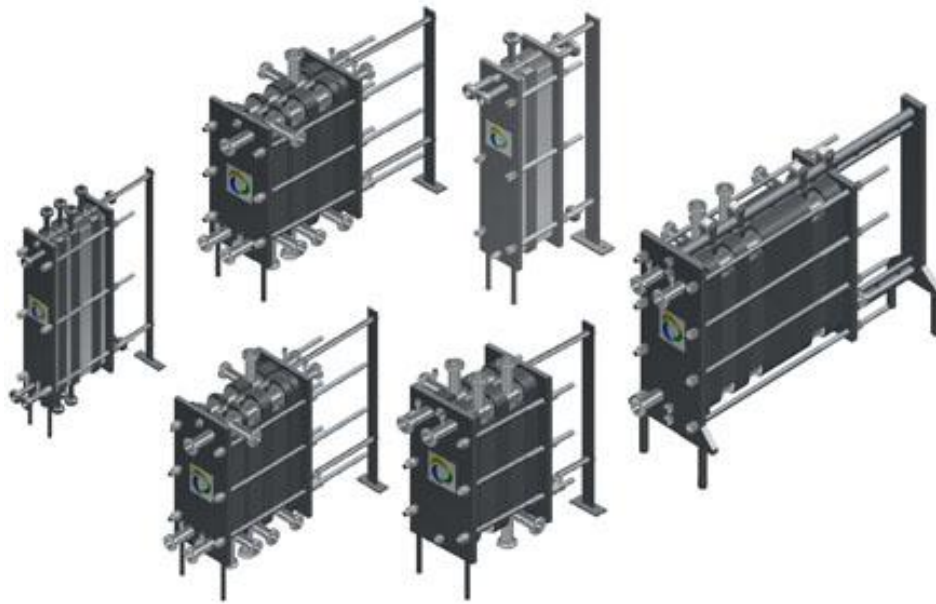
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APPLICATIONS OF SS CLAD PLATE HEAT EXCHANGERS

-MILK CHILLERS

-MILK & CREAM HTST PASTEURIZERS

-MILK RE-HEATING SYSTEMS FOR DAHI, PANEER

-WHEY COOLER

-ICE CREAM MIX COOLER

-SUGAR SYRUP AND RETURN JUICE COOLER

-JUICE HTST PASTEURIZER

-SODA WATER COOLER

-INSTANT HOT WATER GENERATION FROM STEAM IN FOOD AND
PHARMACEUTICAL INDUSTRY

-SODA WATER COOLING

-CHEMICAL HEATING / COOLING IN PHARMACEUTICAL INDUSTRY

-TEXTILE INDUSTRY FOR BATCH COOLING AND HEATING

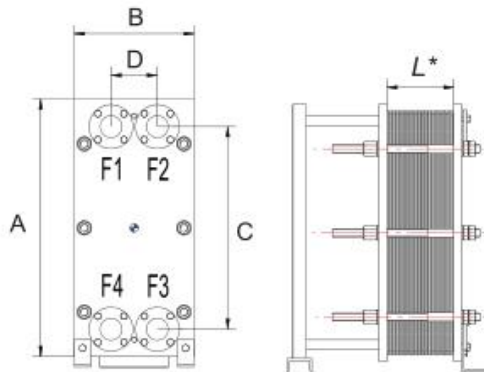
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PLATE DIMENSION SHEET



Material Of Construction

FRAME : MS - EPOXY PAINTED / SS CLAD

PLATE : SS 316L , SS304L , TITANIUM ,
 SMO-254, HASTELLOY C-276

GASKET : NBR , EPDM , HNBR , VITON

L = Depends on number of plates.*

S.NO	MODEL	CONNECTION	A	B	C	D
1	TP04	1" NB	450	180	366	65
2	TX03	1" NB	480	180	357	60
3	TG08	1" NB	774	180	640	60
4	TP08	1" NB	780	180	675	65
5	TV04	1½" NB	620	180	480	61
6	TP10	2" NB	680	315	494	126
7	TV10	2" NB	785	215	691	118
8	TX6M	2" NB	790	350	640	140
9	TX6B	2" NB	790	350	640	140
10	TP16	2" NB	933	310	694	126
11	TN50M	2" NB	975	325	744	130
12	TP22	2" NB	1122	310	894	126
13	TG04	2 / 2.5" NB	495	350	308	135
14	TX2	2 / 2.5" NB	750	350	590	135
15	TG12	2 / 2.5" NB	750	350	590	135
16	TG13	2 / 2.5" NB	750	350	590	135
17	TG18	2 / 2.5" NB	1030	350	823	135
18	TX19	2 / 2.5" NB	1055	350	822	135
19	TX10M	4" NB	1040	470	719	225
20	TX10B	4" NB	1040	470	719	225
21	TGX26	4" NB	1225	460	779	226
22	TP31	4" NB	1245	470	894	225
23	TX15M	6" NB	1815	610	1294	298
24	TX15B	6" NB	1815	610	1294	298

