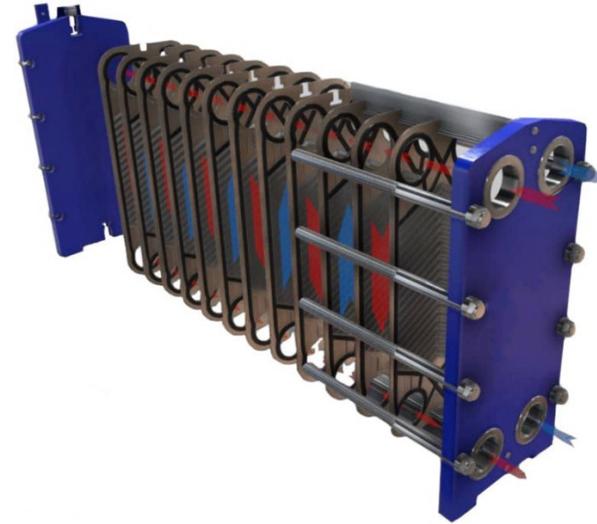




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Custom Heat Exchangers

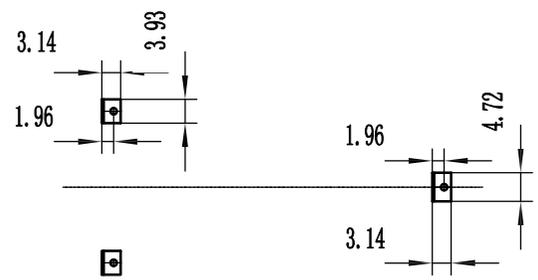
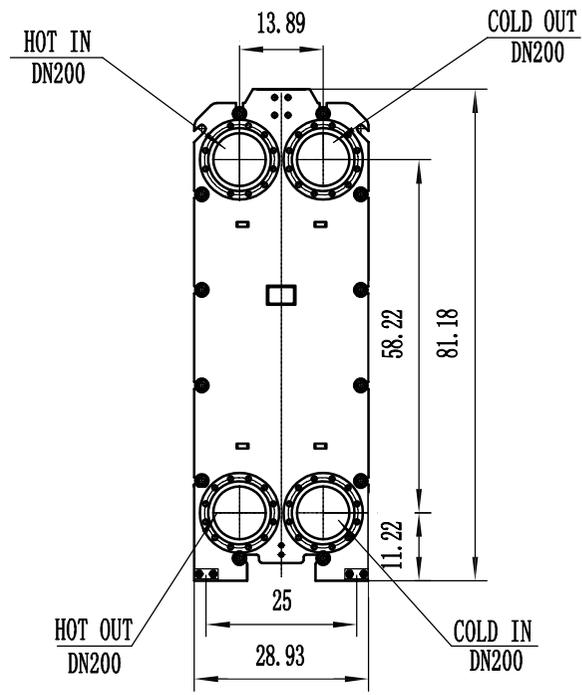
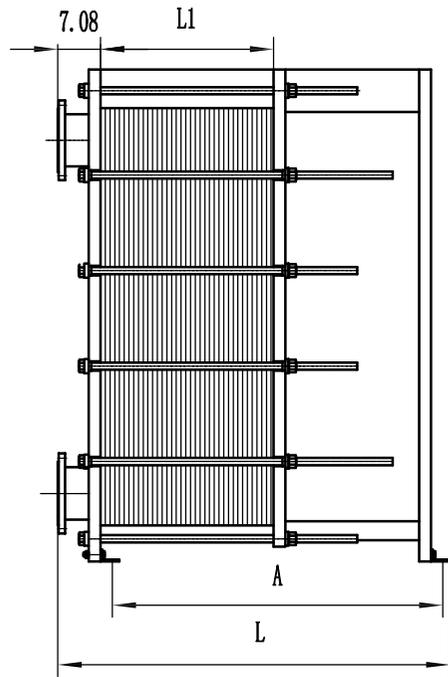
Customized gasketed plat-and-frame heat exchangers for efficiency and reliability

Benefits

- Optimal, high-energy efficiency for lowered operating costs
- Flexible configuration with numerous plate and gasket options for high heat recovery
- Hassle-free installation and configuration for heat transfer areas
- High serviceability and easy-to-open design for cleaning and inspection
- Peace of mind with access to Alfa Laval's global service network

Applications

- Biotech and Pharmaceuticals
- Chemicals
- Energy and Utilities
- Food and Beverage
- HVAC
- Machinery
- Marine and Transportation
- Mining, Minerals and Pigment
- Refrigeration
- Semiconductor and Electronics
- Steel
- Water and Waste treatment



Notes: 1. PLATE HEAT EXCHANGERS SHALL BE DESIGNED, MANUFACTURED, AND ACCEPTED IN ACCORDANCE WITH NB/T47004-2017.
2. FLANGES ACCORDING TO JN/T81-2015.

HEAT EXCHANGE AREA	50	60	70	80	90	100	110	120	130	140	150	160	170
NUMBER OF PLATES (Np)	57	67	79	89	101	113	123	135	147	157	169	179	191
L (in)	40.55	42.32	44.09	45.86	47.63	49.41	51.18	52.95	54.72	56.49	58.26	60.03	61.81
L1 (in)	5.59	6.57	7.75	8.74	9.92	11.10	12.08	13.26	14.44	15.43	16.61	17.59	18.77
A (in)	30.31	32.08	33.85	35.62	37.41	39.17	40.94	42.71	44.48	46.25	48.03	49.80	51.57
WEIGHT (Kg)	1435	1475	1530	1575	1625	1680	1725	1775	1830	1875	1925	2015	2070

HEAT EXCHANGE AREA	180	190	200	210	220	230	240	250
NUMBER OF PLATES (Np)	203	213	225	235	247	259	269	281
L (in)	63.58	65.35	67.32	69.29	71.25	73.22	75.19	77.16
L1 (in)	19.96	20.94	22.12	23.11	24.29	25.47	26.45	27.63
A (in)	53.34	55.11	57.08	59.05	61.02	62.99	64.96	66.92
WEIGHT (Kg)	2130	2175	2230	2275	2330	2390	2455	2490

					ZBM20B			
REV.	ITEM	DESCRIPTION	SIGNATURE	DATE	DRAWING REV.		WEIGHT	SCALE
DESIGNED		STANDARDIZED APPR						
CHECKED		FINAL APPR						
APPROVED		APPROVAL						
TECHNICAL AID		DATE			TOTAL	SHEET	SHEET	OF