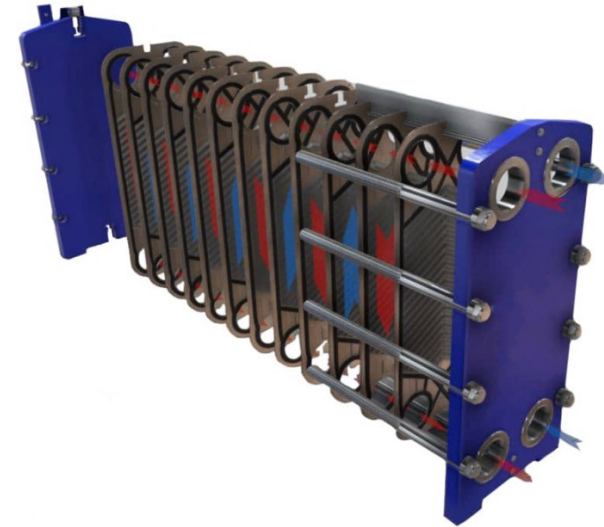




ZBM15MB



Custom Heat Exchangers

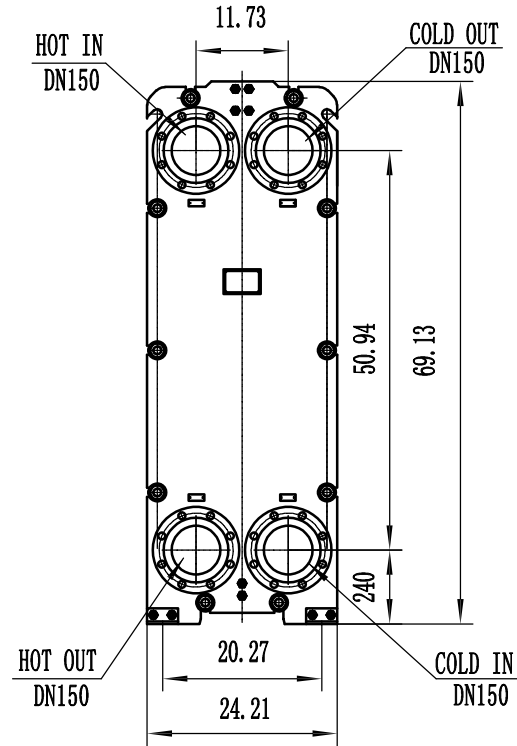
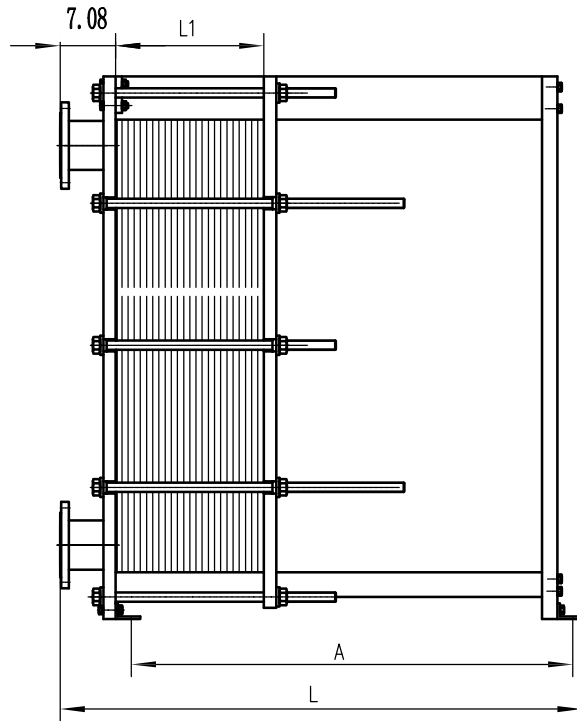
Customized gasketed plat-and-frame heat exchangers for efficiency and reliability

Benefits

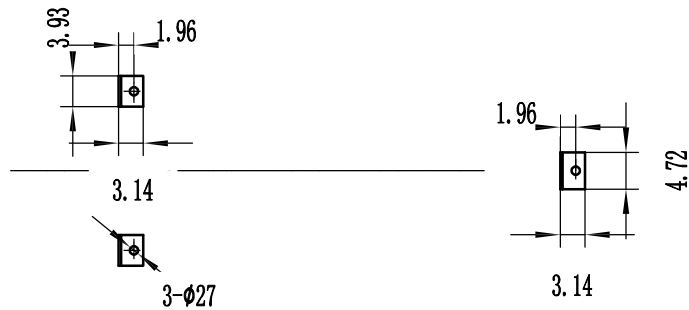
- Optimal, high-energy efficiency for lowered operating costs
- Flexible configuration with numerous plate and gasket options for high heat recovery
- Hassle-free installation and configuration for heat transfer areas
- High serviceability and easy-to-open design for cleaning and inspection
- Peace of 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



HEAT EXCHANGE AREA	40	50	60	70	80	90	100	110	120	130	140	150
NUMBER OF PLATES (Np)	61	77	93	107	123	139	153	169	185	201	215	231
L (in)	41.73	45.86	50	54.13	58.26	62.41	66.53	70.66	74.81	78.93	83.07	87.21
L1 (in)	10.82	13.58	16.45	18.89	21.77	24.61	27.08	29.92	32.67	35.43	37.99	40.74
A (in)	31.49	35.62	39.76	43.89	48.03	52.16	56.29	60.43	64.56	68.71	72.83	76.96
WEIGHT (Kg)	930	990	1050	1100	1160	1210	1260	1320	1380	1430	1490	1540



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

REV.	ITEM	DESCRIPTION	SIGNATURE	DATE	ZBM15MB			
DESIGNED		STANDARDIZED APPR			DRAWING REV.	WEIGHT	SCALE	
CHECKED		FINAL APPR						
APPROVED		APPROVAL						
TECHNICAL AID		DATE			TOTAL SHEET	SHEET	OF	