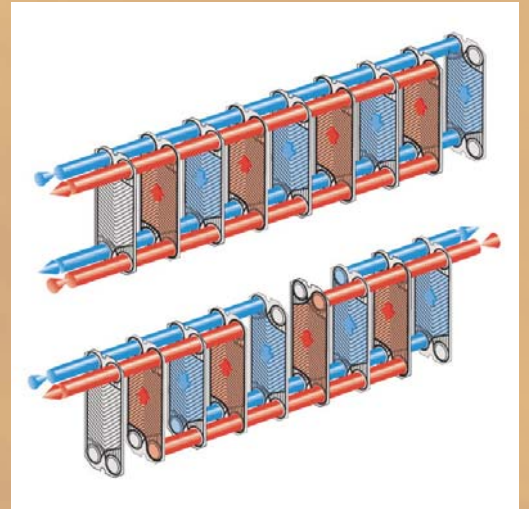


PLATE HEAT EXCHANGER

The plate and frame type heat exchangers are the most efficient (UP TO 95% EFFICIENCY) and economical type of Heat Exchanger available on the market with compact space saving design. The standard material for flow plate is Stainless steel and, optional Titanium and other exotic materials are available as well. Sepak offers design, supply, service and installation of Heat Exchangers and Heat Exchange systems for applications such as :



- Water to water heating or cooling
- Heat recovery
- Pasteuriser for Milk, Wine or Juices
- Chilling of fluids (Glycol)
- Protection of High-value cooling and heating equipment



Gasketed Plate Design

With a big range of Plate Heat Exchangers Sepak has got the optimal technical solution for any possible task, with connection sizes from Ø15 - Ø500 mm covering a liquid flow of 50 l/hour - 2000 m³/hour.

Gasketed Plate Heat Exchangers are suitable for hygienic and sterile applications. Sepak Industries manufacture, Stainless Steel frame Heat Exchangers with Hygienic connections for the food , Beverage & Pharmaceutical Industries. Sepak also manufacture Mild Steel frame Heat Exchangers with screwed or flanged connections for Industrial services applications.

Brazed Plates

Contrary to the traditional Plate Heat Exchanger the Brazed Plate Heat Exchanger does not contain rubber gaskets and can thus operate continuously at temperatures from -160°C up to + 200°C.

The operating pressure can be as high as 30 bar with duties from 2 to 4000kw. Brazed Plate Heat Exchangers are an economical choice for steam /water heating and refrigerant evaporating and condensing application.

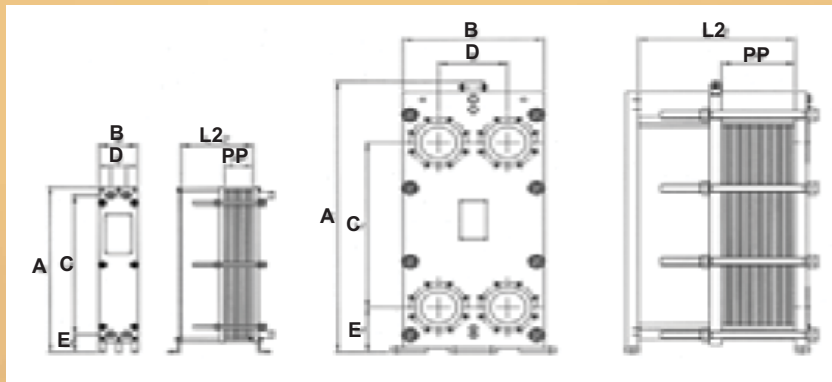


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frame/ pressure rating	max. number of plates	surface/ plate m ²	A mm	B mm	C mm	D mm	E mm	L2 mm	PP mm	connec- tions	max. surface m ²
FP 04-16	125	0.04	460	160	336	65	85	150-600	pcs.x 2.4	1"	5
FP 08-16	150	0.08	799	160	675	65	85	150-600	pcs.x 2.4	1"	12
FP 14-10/16	200	0.14	837	310	590	135	132	250-1000	pcs.x 2.4	2"	28
FP 20-10/16	200	0.20	1066	310	819	135	132	250-1000	pcs.x 2.4	2"	40
FP 10-10/16	200	0.10	735	310	494	126	131	250-1000	pcs.x 2.9	DN 50	20
FP 16-10/16	200	0.15	940	310	694	126	131	250-1000	pcs.x 2.9	DN 50	30
FP 22-10/16	200	0.22	1135	310	894	126	131	250-1000	pcs.x 2.9	DN 50	45
FP 19-6/10/16/25	500	0.20	1080	440	650	202	200	500-3000	pcs.x 3.1	DN 80	100
FP 205-10/16/25	500	0.21	1160	480	719	225	204	500-2500	pcs.x 3.1	DN 100	105
FP 31-6/10/16/25	500	0.30	1332	480	894	225	204	500-3000	pcs.x 3.1	DN 100	150
FP 40-6/10/16/25	500	0.40	1579	480	1141	225	204	500-3000	pcs.x 3.1	DN 100	200
FP 50-6/10/16/25	500	0.50	1826	480	1388	225	204	500-3000	pcs.x 3.1	DN 100	250
FP 41-6/10/16/25	700	0.40	1470	610	941,4	290	225	500-4000	pcs.x 3.5	DN 150	280
FP 60-6/10/16/25	700	0.60	1835	610	1306,2	290	225	500-4000	pcs.x 3.5	DN 150	420
FP 80-6/10/16/25	700	0.80	2200	610	1671	290	225	500-4000	pcs.x 3.5	DN 150	560
FP 405-6/10/16/25	700	0.41	1380	760	770	395	285	500-4000	pcs.x 3.1	DN 200	300
FP 70-6/10/16/25	700	0.68	1740	760	1130	395	285	500-4000	pcs.x 3.1	DN 200	455
FP 100-6/10/16/25	700	1.00	2100	760	1490	395	285	500-4000	pcs.x 3.1	DN 200	700
FP 130-6/10/16/25	700	1.30	2460	760	1850	395	285	500-4000	pcs.x 3.1	DN 200	910
FP 81-6/10/16/25	700	0.80	1930	980	1100	480	365	1280-3780	pcs.x 3.8	DN 300	585
FP 120-6/10/16/25	700	1.20	2320	980	1490	480	365	1280-3780	pcs.x 3.8	DN 300	875
FP 160-6/10/16/25	700	1.60	2710	980	1879	480	365	1280-3780	pcs.x 3.8	DN 300	1120
FP 190-6/10/16/25	700	1.90	3100	980	2267	480	365	1280-3780	pcs.x 3.8	DN 300	1330
FP 200-6/10/16	700	2.00	2855	1370	1822	672	480	1280-3780	pcs.x 4.1	DN 500	1400
FP 250-6/10/16	700	2.50	3211	1370	2178	672	480	1280-3780	pcs.x 4.1	DN 500	1750
FP 300-6/10/16	700	3.00	3567	1370	2534	672	480	1280-3780	pcs.x 4.1	DN 500	2100

Note:
1.

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and may be changed without notice.

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