HEAT EXCHANGER

BR1.6 Plate Heat Exhanger

ISO9001 Supplier

Class Certificate

Export Supply

1.Overall dimensions: 1995*980*0.7mm 2.Single chip heat transfer area：1.6m2 3.Plate spacing：4.1mm 4.Single flow channel cross-sectional area：0.00325m2 5.Max capacity：760m3/h 6.Working temper...

Key Highlights

Category	Heat Exchanger
Standard	DIN
Material	SUS304, SUS316L
Weight / Size	1.Overall dimensions:
Certificate	CCS, BV, ABS, GL，LR, NK

We can supply according to your requirement, drawings, class certificate needs, and delivery schedule.

Technical Specifications

Category	Heat Exchanger	**Model / SKU**	BR1-6-Plate-Heat-Exhanger
Standard	DIN	**Material**	SUS304, SUS316L
Weight / Size	1.Overall dimensions:	**Certificate**	CCS, BV, ABS, GL，LR, NK
Warranty	12 Months unless specified otherwise	**Origin**	China

China BR1.6 Plate Heat Exhanger:

1.Overall dimensions: 1995*980*0.7mm

2.Single chip heat transfer area：1.6m2

3.Plate spacing：4.1mm

4.Single flow channel cross-sectional area：0.00325m2

5.Max capacity：760m3/h

6.Working temperature:≤180℃

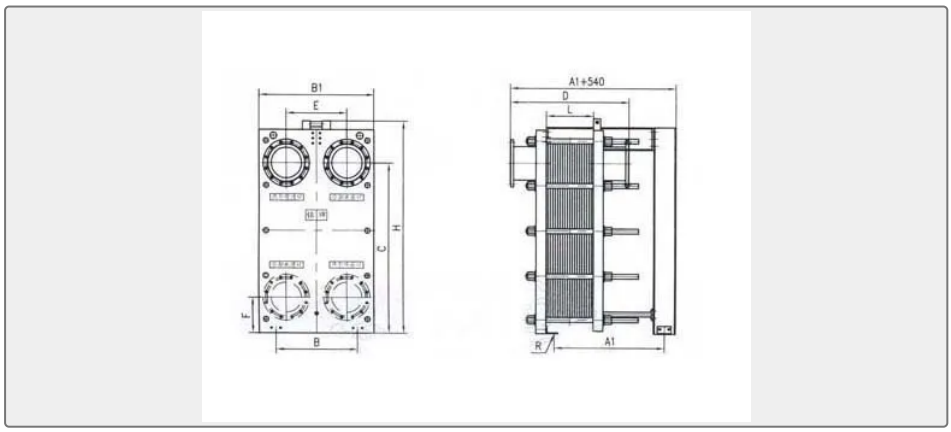
7.Working Pressure: 0.6，1.0Mpa

8.Angle of hole diameter300mm

Ranging from cross section of plate heat exchanger is out on both sides of the plate heat transfer fluid channel cross-sectional area of herringbone ripple, make the adjacent plate in the large cross-sectional area of flow channel wide, narrow small cross-sectional area of flow channel, the cross-sectional area of the ratio of 2:1, hole Angle on the slab into two size accordingly.Large flow of the medium through hole, wide flow channel, flow through a small Angle of small medium hole, narrow passage.BRB range type cross section is a BR type plate heat exchanger in addition to the cross section characteristics of plate heat exchanger, but also has the following marked characteristics.
Improve the ability of heat transfer: BRB vapor-liquid especially suitable for large flow type heat exchanger heat and cold and hot medium capacity of 2:1 or conditions, due to flow cross-sectional area ratio of 2:1, under the condition of single process, between cold and hot medium plate velocity is close to or equal, thus improve the heat transfer coefficient, which improve the heat transfer ability of plate heat exchanger.

Reduce investment cost: in cold and hot medium capacity for 2:1 or higher, BRB type range (cross section) than BR type (such as section) can improve the heat transfer coefficient of 20 ~ 30%, and reduces the cost of equipment investment.

Less pressure loss, due to the range section plate heat exchanger is usually for a single process, and has been used in heat transfer plate section diversion distribution, the size of the capacity of the road, between the velocity and velocity between tube type BR (cross section), such as more reasonable, effectively reduce the pressure loss.
It is more convenient to use, ranging from cross section of the single process plate heat exchanger tube mouth all on one side of a fixed plate, unlimited activity board, bringing great user installation, debugging and combination changes, cleaning and maintenance.



Serial Number	Transfer Area(m2)	Plate number	L(mm)	D	A	A1	Weight(kg)
1	70	71	270	730	490	995	2318
2	80	81	308	770	528	1055	2412
3	90	91	342	802	562	1130	2505

4	100	101	384	845	604	1195	2600
5	110	111	418	880	638	1270	2690
6	120	121	460	920	680	1330	2787
7	140	141	536	995	756	1470	2974
8	150	151	374	1035	794	1545	3067
9	160	161	612	1070	832	1605	3160
10	180	181	688	1150	908	1745	3348
11	200	201	764	1225	984	1885	3535
12	210	211	802	1260	1022	1955	3628
13	220	221	840	1300	1060	2020	3722
14	230	231	878	1340	1098	2095	3815