

King Du Pont[®]

金多邦成套机械设备(江苏)有限公司

KDP MACHINERY JiangSu Co.,Ltd.



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KDP MACHINERY JiangSu Co.,Ltd.
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致辞：

KDP公司自成立以来一直刻苦努力，发奋图强，现已成为全球板式换热器行业的领导者。

KDP公司通过与世界专业科研机构强强联手生产的AK、AR、HBR系列板式换热器产品广泛应用于石油、钢铁、化工、电力、食品饮料、暖通空调、造船等行业，产品以优质高效的品质获得了客户广泛好评。

金多邦成套机械设备（江苏）有限公司现设备有12000吨板片油压机1台，5000吨板片油压机1台，2500吨板片油压机1台，在国内处于领先地位。基于KDP集团强大的技术后援，金多邦成套机械设备（江苏）有限公司将继续保持核心技术的领先地位，将最佳的产品回馈给客户。感谢新老客户继续不断的支持和鼓励。

Oration：

KDP Company has been working hard since its inception and has become a global leader in the plate heat exchanger industry.

KDP Company's AK, AR, HBR series of plate heat exchangers, which are jointly produced by professional research institutes around the world, are widely used in petroleum, steel, chemical, electric power, food and beverage, HVAC, ship building and other industries. Efficient quality has been well received by customers.

KDP Machinery (JiangSu) Co.,Ltd. has one set 12,000 ton plate hydraulic press, one set 5,000 ton plate hydraulic press and one set 2,500 ton plate hydraulic press, which is in the leading position in China.

Based on the strong technical support of KDP Group, KDP Machinery (JiangSu) Co.,Ltd. will continue to maintain its leading position in core technology and return the best products to customers.

Thanks to the new and old customers for their continued support and encouragement.

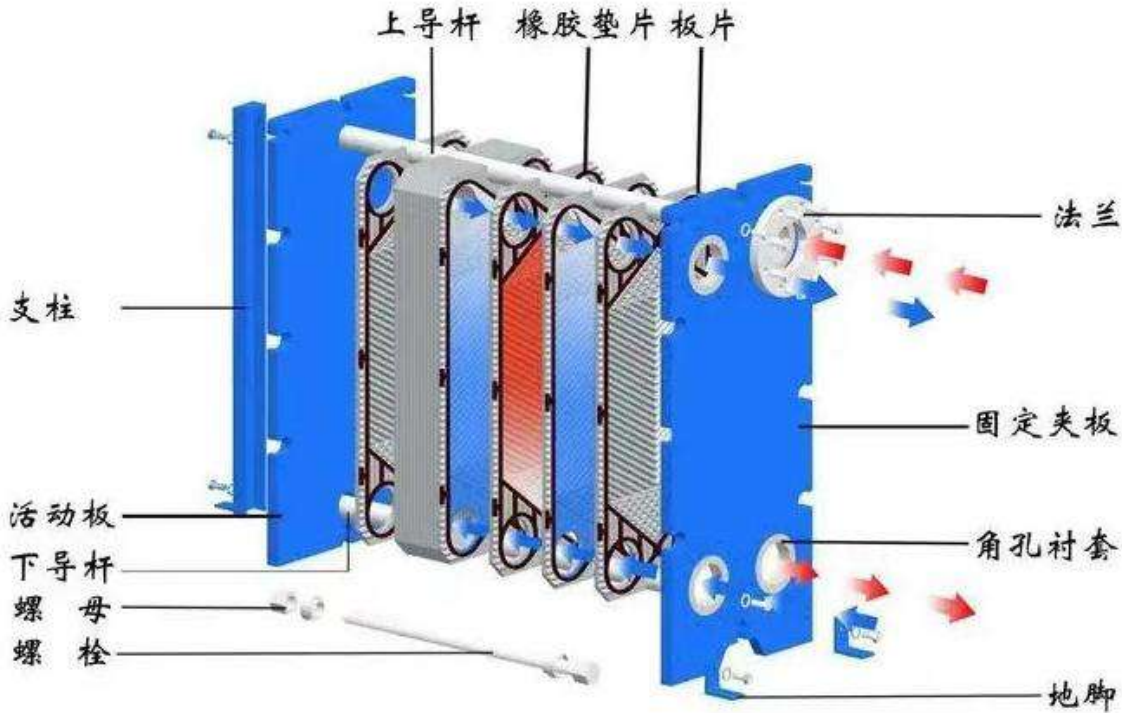
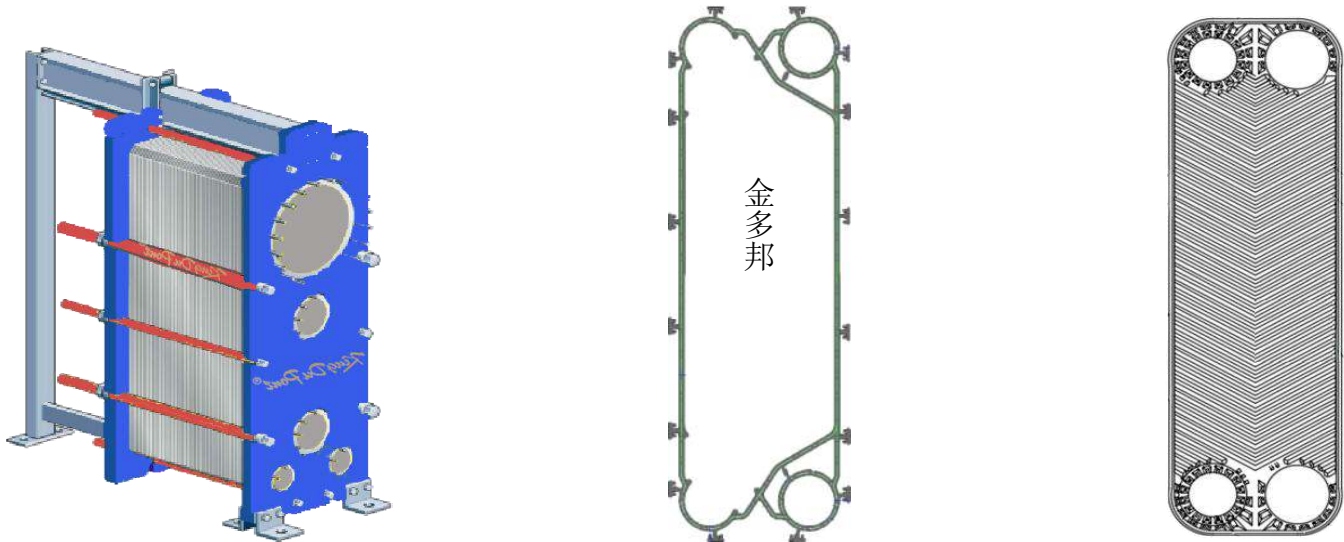
板式热交换器
PLATE HEAT EXCHANGER

Material of Plate	Suited Liquid Kinds	
Stainless Steel (SUS304.316 Etc)	Pure Water, Normal Water, Oil for eating, Mineral Oil	
Ti, Ti-pd	Sea Water, Saline Water, Mineral Water	
20Cr, 18Ni, 6Mo (254SMO)	Dilute Sulphuric Acid, Organic Water Solution	
Ni	High-temp and concentration caustic soda	
Hastelloy (C276, D205, B2G)	Concentration Sulphuric Acid, Hydrochloric acid, Phosphoric acid	
Graphite	Hydrochloric acid, the concentration of sulfuric acid, Phosphoric acid	
Material of Gasket	Operating Temperature °C	Suited Liquid Kinds
NBR	-15 ~ +130°C	Water, Sea Water, Mineral Oil, Salty Water
HNBR	-15 ~ +160°C	High temperature mineral oil, High temperature water
EPDM	-25 ~ +180°C	Hot Water, Steam, Acid, Caustic
VITON/FKM	-5 ~ +180°C	Acid, Caustic, Fluid

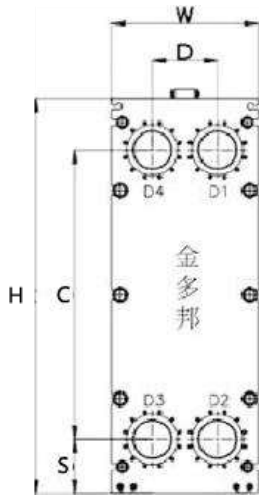
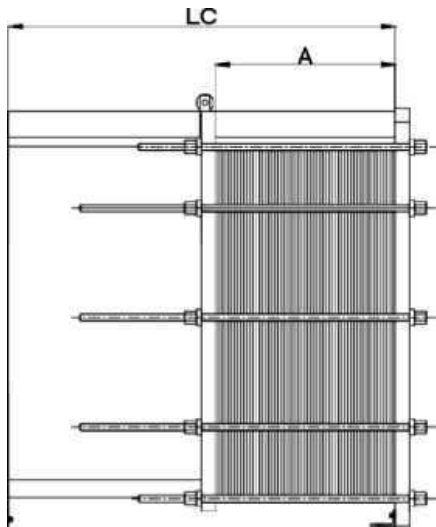
原 理/Principle

传热板上带有密封胶垫，密封垫圈形成流道，起到防止液体外泄的密封作用。传热板的数量和大小取决于介质的流量和流体的物理特性,压力降及进出口的温度条件。压紧板主要防止因流体压差可能会引起的板片变形。在组装传热板片时，带有密封垫圈的板面朝上向固定压紧板，并每张板片进行180度的旋转以形成流道。这样两侧流体就分别在自己的区域流动传热。

Gasket is attached to the heat transfer plate with forms flow channel and acts seal up the fluid not to leak to the outside.The number of the heat transfer plate is determined according to the amount of fluid,physical properties of fluid,the pressure drop and thermal condition. The covers prevent the plates bended from the difference of pressure.In the assembly of plate ,the surface with gasket is directed to the fixed cover and each plate is hanged in opposite direction alternately. Then two fluids can flow in their own area and transfer heat.



板式热交换器
PLATE HEAT EXCHANGER



AR系列可拆板式换热器规格参数 Type AR series detachable plate exchanger specification parameters												
型号	波纹深度 (mm)	流通截面积 (m²)	角孔直径 (mm)	单通道容积 (L)	单板面积 (C)	装机面积 (m²)	最大流量 (3m³/h)	尺寸	尺寸	尺寸	尺寸	尺寸
								H (mm)	W (mm)	C (mm)	D (mm)	S (mm)
AR40	3.2	0.000525	Φ 40	0. 23	0. 06		20	560	242	420	100	70
AR50	3.4	0.000821	Φ 48	0. 48	0. 15	15	40	750	340	564	152	140
AR65a	3.3	0.000915	Φ 60	0. 74	0. 21	25	60	1120	382	785	180	160
AR65b	3. 3	0.000915	Φ 60	0. 98	0. 31	40	60	1420	382	1085	180	160
AR80	3. 6	0.001094	Φ 73	0. 96	0. 28	35	80	1100	420	868	203	200
AR100	3. 7	0.001268	Φ 100	1.33	0. 38	50	180	1270	480	1040	220	200
AR150a	3.8	0.001736	Φ 150	1.92	0.55	140	390	1460	610	1040	286	275
AR150b	3. 8	0.001744	Φ 150	2.42	0. 7	250	390	1780	610	1360	286	275
AR8A	3.35	0.001827	Φ 200	2.29	0. 65	200	720	1697	770	1140	342	285
AR8B	3. 35	0.001827	Φ 200	2.92	0. 9	400	720	2087	770	1530	342	285
AR10A	3.8	0.002652	Φ 250	3.99	1.2	600	1000	2204	895	1406	420	375
AR10B	3. 8	0.002652	Φ 250	5.04	1.5	900	1000	2660	895	1862	420	375
AR12A	3. 9	0.003627	Φ 350	7.06	1.8	1000	2100	2750	1150	1793	550	428

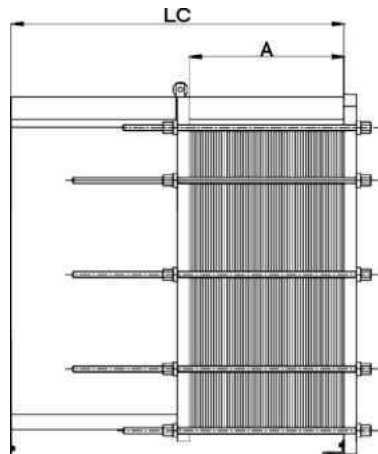
板式热交换器
PLATE HEAT EXCHANGER

A系列可拆板式换热器规格参数 Type A series detachable plate exchanger specification parameters												
型号	波纹深度 (mm)	流通截面积 (m²)	角孔直径 (mm)	单通道容积 (L)	单板面积 (C)	装机面积 (m²)	最大流量 (3m³/h)	尺寸	尺寸	尺寸	尺寸	尺寸
								H (mm)	W (mm)	C (mm)	D (mm)	S (mm)
A1M	2.5	0.000242	Φ 29	0.1	0.04	3	12	480	180	357	60	61.5
A2B	2.	0.000432	Φ 59	0.3	0.15	30	42	920	320	640	140	140
A2M	3	0.000624	Φ 58	0.43	0.15	25	42	920	320	640	140	140
A2LB	2	0.000432	Φ 58	0.43	0.25	50	42	1267	320	1036	140	140
A4B	2.6	0.000869	Φ 97	0.66	0.25	50	180	1045	454	719	225	183
A4M	4	0.001291	Φ 98	1	0.25	50	180	1045	454	719	225	183
A6B	2.6	0.001162	Φ 140	1.55	0.65	300	360	1815	610	1294	298	275
A6M	4	0.001805	Φ 140	2.5	0.65	260	360	1815	610	1298	298	275
AS8M	4	0.002264	Φ 195	1.71	0.5	85	600	1400	740	698.5	363	354
A8M	4	0.002288	Φ 205	3.67	0.9	410	700	2200	780	1478	353	380
A8B	2	0.00116	Φ 209	1.87	0.9	425	700	2200	780	1478	353	380
A8P	3	0.001742	Φ 210	2.85	0.9	425	700	2200	780	1478	353	380
AS2M	4	0.001118	Φ 68	0.47	0.1	13	65	680	420	380	203	165
AS2L	4	0.001118	Φ 68	0.69	0.18	23	65	860	420	560	203	165
A4B	2	0.000676	Φ 108	0.9	0.5	200	180	1881	480	1338	225	255
A4P	3	0.000956	Φ 108	1.29	0.5	200	180	1881	480	1338	225	255
A10M	4	0.002766	Φ 230	5.58	1.5	900	960	2595	920	1939	439	435
A10B	2.6	0.001812	Φ 230	3.62	1.5	900	960	2595	920	1939	439	435
A12M	3.4	0.00321	Φ 328	6.3	1.85	1100	1900	2882	1150	1842	596	470

板式热交换器
PLATE HEAT EXCHANGER

AK系列可拆板式换热器规格参数 Type AK series detachable plate exchanger specification parameters												
型号	波纹深度 (mm)	流通截面积 (m²)	角孔直径 (mm)	单通道容积 (L)	单板面积 (C)	装机面积 (m²)	最大流量 (3m³/h)	尺寸	尺寸	尺寸	尺寸	尺寸
								H (mm)	W (mm)	C (mm)	D (mm)	S (mm)
AK1A	2.35	0.000292	Φ 28	0.12	0.05	4	12	483	200	381	70	51
AK1B	2.35	0.000292	Φ 28	0.19	0.1	8	12	758	200	656	70	51
AK2A	2.6	0.000534	Φ 60	0.24	0.08	8	42	679	300	394	126	140
AK2A • S	3.4	0.000698	Φ 60	0.31	0.08	8	42	679	300	394	126	140
AK2B	2.6	0.000534	Φ 60	0.38	0.18	25	42	979	300	694	126	140
AK2B • S	3.4	0.000698	Φ 60	0.50	0.18	25	42	979	300	694	126	140
AK2C	2.3	0.000649	Φ 66	0.29	0.12	15	60	704	395	380	192	171.5
AK2C • S	3.4	0.000849	Φ 66	0.38	0.12	15	60	704	395	380	192	171.5
AK2D	2.3	0.000649	Φ 66	0.48	0.24	40	60	1024	395	700	192	171.5
AK2D • S	3.4	0.000959	Φ 66	0.63	0.24	40	60	1024	395	700	192	171.5
AK2E	2.3	0.000649	Φ 66	0.68	0.38	60	60	1382.5	405	1050	192	180
AK2E • S	3.4	0.000959	Φ 66	1.01	0.38	60	60	1382.5	405	1050	192	180
AK2F	3.4	0.000698	Φ 60	0.44	0.24	40	42	1279	300	994	126	140
AK4A	3.9	0.001319	Φ 95	1.05	0.28	50	160	1072	454	719	225	183
AK4B	2.6	0.000867	Φ 95	0.69	0.28	60	160	1072	454	719	225	183
AK4C	2.6	0.000906	Φ 95	1.24	0.55	110	160	1715	480	1365	238	200
AK3B	3.4	0.001223	Φ 81	0.96	0.28	50	100	1072	454	730	238	177.5
AK3A	3.4	0.001223	Φ 81	1.26	0.45	85	100	1470	480	1070	238	240

板式热交换器
PLATE HEAT EXCHANGER



AK系列可拆板式换热器规格参数 Type AK series detachable plate exchanger specification parameters												
型号	波纹深度 (mm)	流通截面积 (m²)	角孔直径 (mm)	单通道容积 (L)	单板面积 (C)	装机面积 (m²)	最大流量 (3m³/h)	尺寸	尺寸	尺寸	尺寸	尺寸
								H (mm)	W (mm)	C (mm)	D (mm)	S (mm)
AK6B	3.8	0.001646	Φ 146	1.63	0.5	120	360	1411	610	890	298	275
AK6A	2.6	0.001264	Φ 147	1.21	0.5	150	360	1411	610	890	298	275
AK6C	2.6	0.001264	Φ 147	1.71	0.7	300	360	1815	610	1294	298	275
AK6D	2.6	0.001264	Φ 147	1.21	0.9	150	360	2215	610	1694	298	275
AK6E	3.8	0.001646	Φ 146	2.25	0.7	260	360	1815	610	1294	298	275
AK8A	2.6	0.001517	Φ 202	1.45	0.52	180	760	1504	770	791	395	314
AK8B	2.6	0.001517	Φ 202	1.86	0.75	300	760	1804	770	1091	395	350
AK8C	2.6	0.001517	Φ 202	2.41	1.15	480	760	2202	820	1489	395	350
AK12A	3.4	0.002672	Φ 303	3.53	0.95	380	1400	1766	1020	1080	480	363
AK12B	3.4	0.002672	Φ 303	4.51	1.42	780	1400	2176	1020	1490	480	363
AK12C	3.4	0.002672	Φ 303	5.92	2.05	1200	1400	2806	1020	2120	480	363
AK18A	4.0	0.004817	Φ 485	9.05	2	1600	3800	2206	1246	1680	718	550
AK18B	4.0	0.004817	Φ 485	10.63	2.3	1840	3800	2535	1246	2009	718	550
AK18C	4.0	0.004817	Φ 485	12.85	2.8	2240	3800	2996	1246	2470	718	550