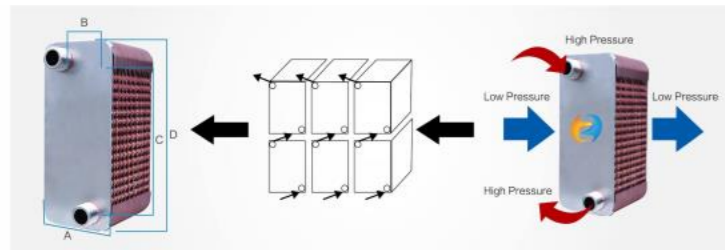


## Aircross

Aircross is a cross flow plate heat exchanger vacuume with pure copper or nickel based material. The top and bottom plates including side A connections are brazed to the plate package. This model can be asymmetrical for 1) applications with a smaller flow rate at high pressure on the one side ( Side A), and a larger flow rate at with lower pressure on the other ( Side B); different sizes for the connections In and Out, different channel lengths, different channel areas and volumes; 2) applications with a constant and defined gas flow on one side and medium with higher density on the other side. Normally YOJO-AirCross is used with a liquid on side A and gas on side B.



Model	Thickness (mm)	A (mm)	B (mm)	C (mm)	D (mm)	Weight (mm)	Stagnant fluid volume (L)	Exchanger area (M2)	Design pressure (Mpa)	Test pressure (Mpa)
ZY35	11+3.1N	123	52	281	227	1.64+0.124N	0.032(N-2)	0.030(N-2)	3	4.5

## GASKETED PLATE HEAT EXCHANGER

Product Material  
 Frame plate: Carbon steel/Stainless  
 Nozzles: Carbon steel/Stainless  
 Metal lined: Stainless steel,Titanium  
 Gasket:NBR ( Nitrile ), EPDM, F26, FTP etc.  
 Plate: Stainless steel 316L/304/Titanium/ti-Pd SMO254/Ni/HASTELLOY ( C276, C22)  
 Gasket fastening solutions: Clip-on gasket/Tape-on gasket

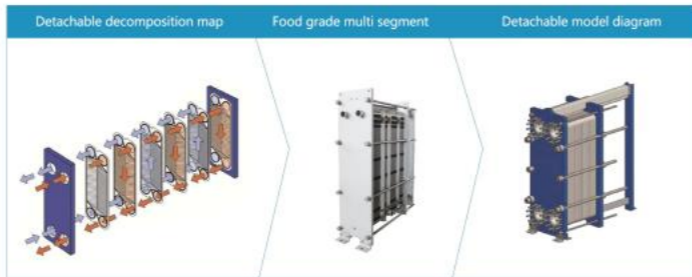
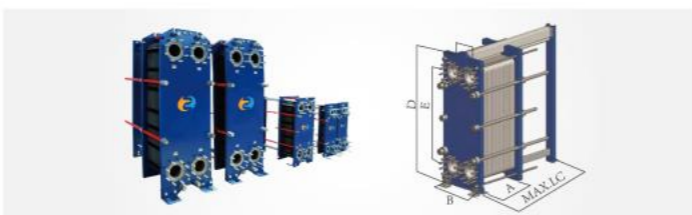


Plate material	suitable fluid
Stainless steel ( SUS304,316L etc. )	pure water, river water, edible salt water, mineral oil
Ti,tI-pd	brine , sea water, salt water,
SMO254	dilute sulphuric acid- Salt water solution- Inorganic aqueous solution
Ni	High temperature- High concentration of caustic soda
HASTELLOY ( C276,C22)	concentrated sulfuric acid- hydrochloric acid- phosphoric acid

Main body gasket	operating temperature ( °C )	suitable fluid
NBR	-15--+135	water- sea water- mineral salt- brine
EPDM	-25--+180	Hot water- vapour- acid- base
F26	-25--+230	acid- base- fluid
FTP	0--+160	Concentrated acid- base- high temperature oil- vapour

Plate type	application
Low runner ( B )	Temperature drop of heat-transfer medium too large- temperature difference of logarithm too small
High runner ( H )	Request of viscosity, fibroid, pressure drop too small



Model	A (mm)	B (mm)	C (mm)	D (mm)	E (mm)	MAX.LC (mm)	Connection (mm)	Exchange area (m2)	MAX NO.Plates	Max.volume flow (m3/h)	Design Pressure
B30B	N(2.5+X)	180	60	480	357	500	32	0.032	95	18	1.6
S60H	N(4+X)	400	203	704	380	1200	65	0.086	147	50	1.6
B60B/B60H	N(2.0+X)/N(3.0+X)	320	140	920	640	1200	50	0.15	250/203	36	1.6
K60B/K60H	N(2.0+X)/N(3.0+X)	320	140	950	689	1200	50	0.2	250/203	36	1.6
B100B/B100H	N(2.55+X)/N(3.95+X)	470	225	1069	719	1600	100	0.25	278/180	140	1.0/1.6/2.5
K100B/K100H	N(2.55+X)/N(3.95+X)	470	225	1099	763	1600	100	0.3	278/180	140	1.0/1.6/2.5
S200H	N(4+X)	800	363	1405	698	3000	200	0.3	400	600	1.6
L100B	N(2+X)	480	225	1888	1338	3000	100	0.5	400	140	1.0
K150H	N(3.95+X)	610	298	1616	1095	3000	150	0.5	600	360	1.0/1.6/2.5
B150B/B150H	N(2.5+X)/N(3.95+X)	610	298	1815	1294	3000	150	0.65	600	360	1.0/1.6/2.5
B200H	N(4+X)	780	353	2260	1478	3000	200	0.85	400	600	1.0/1.6
B250B	N(2.5+X)	920	439	2895	1939	3000	250	1.5	500	750	1.0/1.6/2.5
B350B	N(3.3+X)	1150	596	2882	1842	4800	350	1.85	700	997	1.0/1.6

Jiangsu Yuanzhuo Equipment Manufacturing Co.,LTD  
 Address : No.203Zhujiang Road,Lingang Sub-district,Jiangyin,China  
 Dierct-line: 0086-510-86165907  
 FAX: 0086-510-86165907  
 Postcode: 214442  
 E-mail: zy@jsyuanzhuo.com



www.jsyuanzhuo.com



Distributor



**SUMMER AIR-CONDITIONING ENGINEERING SDN.BHD.**

Steven Kek  
 Manager

No.32, Jalan TS6/6,Taman Industri Subang  
 47510, Petaling Jaya, Selangor, Malaysia.  
 Tel:+603-56370191/80116461  
 Fax:+603-56370193  
 Mobile :+6019-2230287  
 E-Mail:stevenkek@gmail.com  
 Web Site :sales@summerac.com  
 Products :www.summerac.com

