



# Wuhan Jialin Machinery Equipment Co., Ltd

---

Address: Room 13, 16th Floor, Qiaoya International Plaza, No. 8 Wenhua Avenue,  
Daqiao New District, Jiangxia District, Wuhan City, Hubei Province, China

Tel: +8618069958252

Whatsapp: +8613545529361/+8615071418230

service line: +8615927376037

<https://www.jialinmachinery.com/>

Email: [jialinphe@gmail.com](mailto:jialinphe@gmail.com)



# CONTENTS

01

Company profile

02

Product introduction

03

Market Analysis





# 1、 Company profile



Wuhan Jialin Machinery Equipment Co., Ltd  
<https://www.jialinmachinery.com/>

## Brand

**JiaLin** is a global brand professional enterprise to manufacture plate heat exchangers, and plates and gaskets for PHE since 2013. Jialin Machinery is a national high-tech enterprise integrating design, production and sales. The design and production of the products are carried out in strict accordance with the ISO9001:2015 quality management requirements, ensuring the excellence and stability of product quality.

### - Competitiveness

- Mature and complete manufacturing and supply chain.
- Professional sales team.
- Experienced and professional technical service team.
- Innovative and sustainable development management.

### -Our mission:

Accomplish employees internally and customers externally

### -Our philosophy:

Provides a full range of evaporation application solution

### -Our goal:

Become the first brand in china's plate evaporation field

### -Our vision:

Become a world-class evaporation design and smart-manufacturing company



PART

**2**

**Production introduction**



## 1. Plate Material & Scope of Application

S30408\S31603	Purified water, river water, edible oil, mineral oil
Titanium and titanium palladium	Seawater, hydrochloric acid, phosphoric acid
Hastelloy	Concentrated brine, brine, phosphoric acid
Nickel	High temperature, high concentration caustic soda
Molybdenum	Dilute sulfuric acid, dilute salt compound aqueous solution, inorganic aqueous solution

## 2. Gasket Material & Application Scope & Temperature

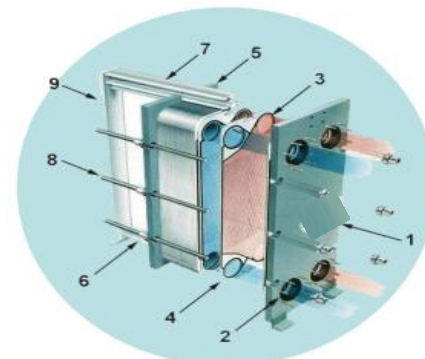
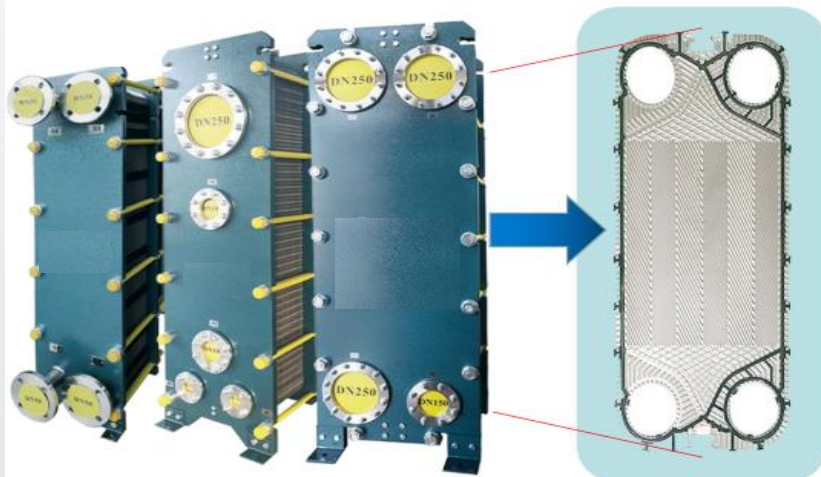
NBR	Water, sea water, mineral oil, salt water	-15~120°C
EPDM	Hot water, steam, acid, alkali	-25~140°C
Fluororubber	Acid and alkali fluid	-5~200°C
Silicon rubber	Food, oil, fat, alcohol	-65~180°C

## 3. Frame Material

General	Carbon steel
Special	All stainless steel

## 4. Interface Material

General	carbon steel, 304, 316
Special	Hastelloy, titanium, other alloys



- 1 Fixed hold down plate
- 2 Interface
- 3 Gasket
- 4 Plate
- 5 Movable pressing plate
- 6 Lower guide rod
- 7 Upper guide rod
- 8 Compression screw
- 9 Front strut

## 2-3 Model list of plate heat exchanger



Wuhan Jialin Machinery Equipment Co., Ltd  
<https://www.jialinmachinery.com/>

### Alfa Laval

EM3	EM6B	EM6M	EM10B	EM10M	EM15B	EM15M	EMX25B
EMX25M	EM30	M6MW	M10BW	MK15BW	T20MW	T20BW	MA30W
MA30M	MA30S	TL6B	TL10B	TL10P	TL35B	TL3B	TL3P
T5B	T5M	T8B	T8M	TL15B	T20S	TL35S	T20B
T20P	T20M	TS6M	TS20M	T35P	TS35P	TL35X	P16
P22	P26	P31	P32	P36	H10	A10	A10B
AM10	A15B	A20	A20B	AK20	AM20	AM20B	AX30
AX30B	Clip6	Clip8	Clip10	EC500/EC350	T45M	AC400	AC600
P13	P41	TL10S	Clip15	T2B	T45M	TS50M	Clip8S
M6MX	M10MX						

## 2-3 Model list of plate heat exchanger



Wuhan Jialin Machinery Equipment Co., Ltd  
<https://www.jialinmachinery.com/>

### API

SigmaM7	SigmaM9	SigmaM13	SigmaM19	SigmaM25	SigmaX25	SigmaM26	SigmaM27
SigmaM35	SigmaX35	SigmaM36	SigmaM37	SigmaM55	SigmaX55	SigmaM56	SigmaM66
SigmaM76	SigmaM96	SigmaM106	Sigma136	SigmaM156	Star90	Star45	Star150
Sigma22	sigma48	sigma49	sigma85	sigmgma29	sigma108	sigma64	SIGMA114

### GEA

VT04	VT10	VT20	VT20P	VT40	VT40M/P	VT80	VT80M/P
VT805	VT130	VT405	VT1306	VT2508	NT10	NT50T	NT50X
NT50M	NT100T	NT100M	NT100X	NT150S	NT150L	NT250S	NT250L
NT350S	NT350M	FA184	N40	NT500M	CT193	CT187	LWC100T
LWC100M	LWC100X	LWC150S	LWC150L	LWC250S	LWC250L	LWC350S	LWC350M
CT187	CT189	CT198	B10	NT500T	NF350	FA192	VT805
AT805							

## 2-3 Model list of plate heat exchanger



Wuhan Jialin Machinery Equipment Co., Ltd  
<https://www.jialinmachinery.com/>

APV							
SR1	SR2	SR3	SR6AA	SR6AG	SR6GH	SR6GL	SR9
SR14AD	SR14	SR14AP	SR14AH	SR14GD	SR14AG	SR23AO	SR23PV
SR23VO	SR23AV	SR35	SR38	SR95	T4	H12	H17
N25	N35	N50	Q030D	Q030E	Q055D	Q055E	Q080D
Q080E	J060	J092	J107	J185	SR14	SR95	A055
A085	K34	K55	M60	M92	M107	B063	B110
B134	B158	B205	P105	P190	R5	TR1	TR9AL
TR9AV	TR9GL	TR9GN	LR9AL	LR9GL	LR9GN	LD9AL	LD9GL
LD9GN	A145	Z155	Z195	R55	R8GI	R8	R10
R14	L039ES	L080ES	ZE195	ZE230	ZE350	ZD155	ZD195
ZD230	ZD270	ZD310	ZD350	O050	J154	HX24	K71
HX	FFPE	S380					





## 2-3 Model list of plate heat exchanger



Wuhan Jialin Machinery Equipment Co., Ltd  
<https://www.jialinmachinery.com/>

### Tranter

GX7	GC08	GC9	GX12	GL13	GX18	GX26	GC26
GX42	GCD044	GX51	GC51	GCD054	GX60	GC60	GX64
GX85	GX91	GX100	GX118	GX180	GX140	GX145	GX205
GF057	GF097	GF187	UFX6	UFX12	UFX18	UFX26	UFX42
UFX51	UFX60	UFX64	UFX85	UFX91	UFX118	UFX140	UFX145
UFX180	G50	G64	G100	GX265	GF206	GTP26	GC65

### Vicarb

V4	V7	V8	V10	V13	V20	V28	V45
V55	V60	V85	V100	V110	V130	V170	V280
V205							



## 2-3 Model list of plate heat exchanger



Wuhan Jialin Machinery Equipment Co., Ltd  
<https://www.jialinmachinery.com/>

Sondex							
S4A	S7A	S8A	S9A	S14A	S16B	S17	S18
S19A	S20A	S21	S21A	S20A	S22	S31A	S35
S38	S39	S41	S41A	S37	S37B	S42	S43B
S43	S43B	S43AD	S44A	S47	S47B	S58	S62
S63	S64	S65	S65B	S81	S86	S86B	S100
S110	S113	S121	S188	S201	SF187	SW40	SW40A
SW122	SW189	SF25A	SF123	SF160	SFD13	S43AD	S380
SFD07	SFD23	S330	SF229				



## 2-3 Model list of plate heat exchanger



Wuhan Jialin Machinery Equipment Co., Ltd  
<https://www.jialinmachinery.com/>

### Thermo

TL90SS	TL90PP	TL150SS	TL150PP	TL200PP	TL200SS	TL250SS	TL250PP
TL400SS	TL400PP	TL500SS	TL500PP	TL650SS	TL650PP	TL850SS	TL850LL
TL400W							

### Funke

FP02	FP04	FP05	FP08	FP09	FP10	FP14	FP16
FP19	FP20	FP205	FP22	FP30	FP31	FP40	FP19
FP405	FP41	FP42	FP50	FP60	FP62	FP70	FP71
FP80	FP81	FP100	FP120	FP205	FP405	FPS35	FPS39
FPS43	FPS50	FPS65	FPS100	FPS120	FS30		

### DHP

DX20	DX40	DX30S	DX20M	DX20L	DX30S	DX36M	
------	------	-------	-------	-------	-------	-------	--



### Hisaka

LX10	LX20	LX30	LX40	LX025A	LX095A	LX125B	LX195B
LX40A	LX50A	LX515A	RX10A	RX11A	RX13A	RX30	RX135A
RX185A	RX326A	RX595A	RX595B	RX596B	RX625A	RX715	RX70
RX725A	RX795	UX10	UX115	UX125	UX20	UX226	UX228
UX398A	UX30	UX40	UX416	UX80	UX90	UX925	UX995
UX997	UX100	UX130	SX40	SX41	SX43	RX90	RX13A
SX90	EX2	UX01	RX100A	RX31A/B			

### Muller

AT04	AT10	AT1306	AT1309	AT130M	AT20	AT20P	AT40
AT40P	AT40M	AT40L	AT40FF	AT80M	AT80	AT161	AT805
AT184	AT192						



Accessen							
AU3	AU5	AU8	AU10	AU15	AU20	AU25	AU35
AU45	AU50	AU58	AU70	AU98	AU150	AU190	AU350S
AU10L1	AU10L2	AU15L1	AU15L2	AU15M	AU20M	AU25L1	AU25L2
AN5	AN10	AN10L1	AN10L2	AN10M	AN15L1	AN15L2	AN20
AN25L1	AN25L2	AN25L3	AN30L1	AN30L2	AN30L3	AN30L4	AN35L1
AN35L2	AN35L3	AN35L4	AN40L1	AN40L2	AN40L3	AN40L4	AN45L1
AN45L2	AN45L3	AN45L4	AN50L1				
AS6	AS10	AS20	AS25	AS30	AS40	AS60	AC15
AC25	AC35	AC45	AC50	AC65	AC70	AC98	AC150
AC180	AC190	AC230	AP20	AP25	AP35	AP75	AP98
AP120	AP165	AP210					



## 2-3 Model list of plate heat exchanger



Wuhan Jialin Machinery Equipment Co., Ltd  
<https://www.jialinmachinery.com/>

### DongHwa

S15	S19	S20	S23	S35	S43	S65	S100
S120	S152	UFX26	UFX51	UFX85	UFX91	UFX100	UFX145

### LHE

LH150	LH104	HT102	HT104	HT151	HT232	HT233	HT122
HT302	HT502	HT152					

### ITT

P4A	P07A	P8	P15	P20	P21	P30	P38
P39	P47	P50	P65	P100	P120	PF8	PF10
PF15	PF20	PF21	PF25	PF30	PF35	PF40	PF41
PF42	PF45	PF50	PF51	PF55	PF60	PF61	PF65
PF66	PF70	PF71	PF75	PF80			

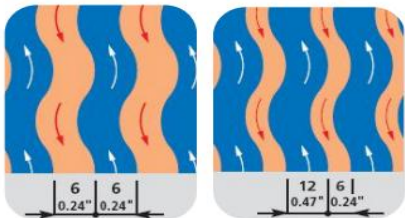
# 2-4 BW Wide Channel Plate Heat Exchanger



Wuhan Jialin Machinery Equipment Co., Ltd  
<https://www.jialinmachinery.com/>

## Characteristics of wide channel plate heat exchanger

The wide channel plate heat exchanger is a professional product developed for various solid, crystal, fiber, slurry and high viscosity medium heat exchange conditions. Due to the special design of the heat exchange plate, the wide gap channel is smooth, the fluid flow is smooth, and there is no stagnation, no dead zone and no blockage of the channel. The special feature of this kind of plate is that the width of flow channel between plates can reach 6-16mm with unique ripple shape. Because there are no obstacles between the flow channels, even if the pulp fiber in the juice reaches 12mm in length and 20% in content, it will run smoothly. It can be widely used in wastewater waste heat recovery, sugar making, papermaking, textile, food and juice industry.



Wide channel plate heat exchanger

## Personality

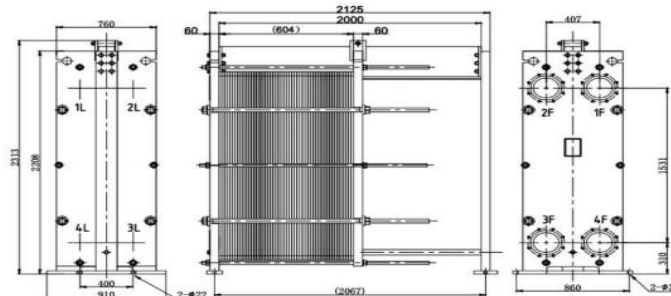
There is no metal contact point between plates.  
 More than 16 mm plate spacing.  
 Capable of containing a variety of products:  
 Solid / particle  
 Pulp / fiber  
 Viscous products

## Advantages

Mild treatment of heat sensitive products  
 Improve equipment economy  
 Shorten cleaning time  
 Extend production time



Model	Ripple depth (mm)	Equivalent diameter (mm)	Corner hole diameter (mm)	Single plate area (m <sup>2</sup> )	Press plate thickness (mm)
BW0.8	0.8/2.26	0.8/2.26	200	1.0	0.7-0.8
BW100	5.5	11	125	0.52	0.7-0.8
BW200	6/12	6/12	200	1.0	0.8-1.0
BW250	16	32	250	1.1	0.8-1.0
BW20S	7.5	15	168	0.8	0.6-0.8
BW30M	5.1	10.2	328	1.45	0.9-1.2
BW30S	11	22	328	1.45	1.0-1.2
BW35S	7.5	15	348	1.87	0.8-0.9
BW40	5	10	120	0.45	0.8-0.9
BW021	6	12	65	0.21	0.7-0.9
BW160	10	20	292	1.6	0.9-1.0
BW123D	11.2	22.4	200	1.04	0.8-0.9
BW123	11.2	22.4	196	1.23	0.8-0.9
BW184	12	24	194	0.88	1.0-1.2

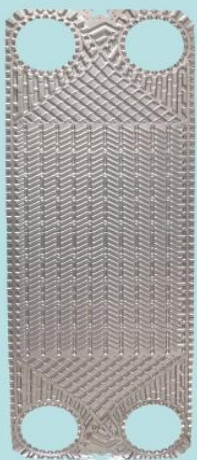


Drawing of BW 200 wide channel plate heat exchanger

# 2-4 BW Wide Channel Plate Heat Exchanger

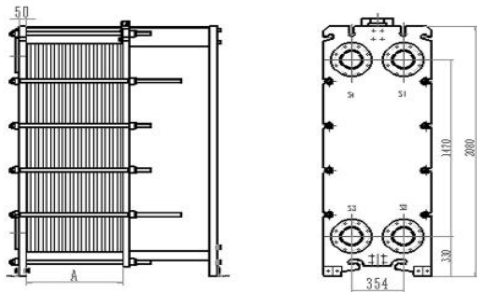
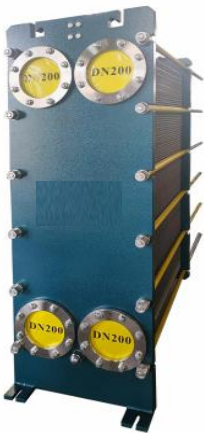
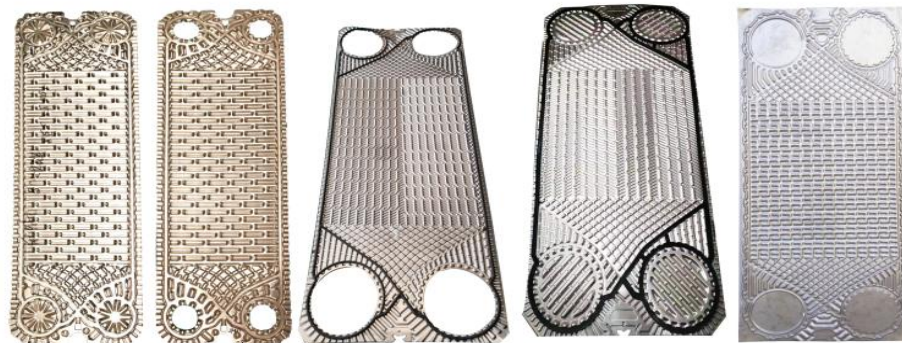


Wuhan Jialin Machinery Equipment Co., Ltd  
<https://www.jialinmachinery.com/>



**Performance characteristics:**  
This plate adopts special corrugation, taking into account the characteristics of herringbone tube sheet. The ratio of wide and narrow channel is 2:6, which can flexibly deal with the condition of large flow of cold and hot medium.

**Application:**  
Compared with the general plate heat exchanger, the plate spacing is larger and the cross-sectional area of single channel is larger. Because of the large plate spacing, the cross-sectional area of the single channel of the plate is much larger than that of the general plate heat exchanger, which has obvious advantages for some high viscosity liquid and medium flow conditions. On the cold fluid side, a medium channel with contact is formed between the plates for circulating water, while on the hot fluid side, a medium





# 2-5 Full-Welded Plate Heat Exchanger



## Square all welded plate heat exchanger structure

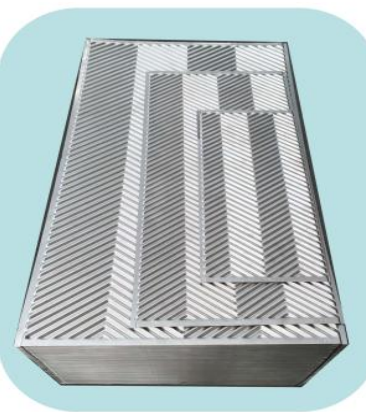
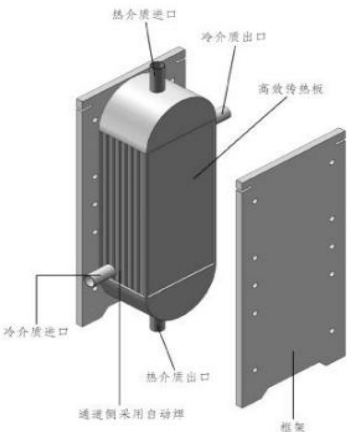
Composition: plate pair, clamping plate, header, clamping bolt pair, base and other basic components; Plate pair is the heat conducting element of the heat exchanger;

Plate bundle - two kinds of fluid channels are formed by welding plate pairs. In each kind of fluid channel, two kinds of channels are formed by setting plug to plug, namely, upper and lower channels and front and rear channels, so as to realize countercurrent heat transfer of two kinds of fluid;

Goje's square all welded plate heat exchanger combines advanced technology and technology at home and abroad, with international advanced technology and quality.

Plate is the core element of square all welded plate heat exchanger. The structure of plate directly affects the use effect of all welded heat exchanger. Our company adopts double corrugated plate, which has high heat transfer efficiency and many cross contact points. It can not only improve the pressure bearing capacity of heat exchanger, but also eliminate the internal leakage caused by fatigue crack caused by vibration.

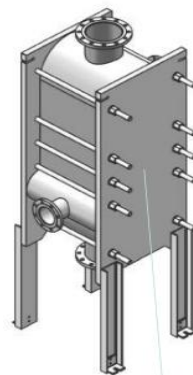
Model	Heat transfer area of veneer m <sup>2</sup>
GJWF45	0.2
GJWF45	0.45
GJWF80	0.8
GJWF230	2.3



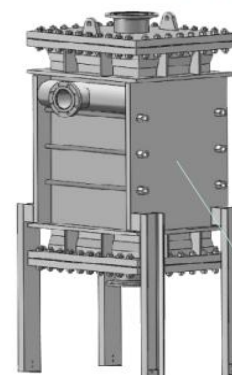
Due to the factors of welding technology level, employee welding level and welding experience, several domestic enterprises manufacturing all welded plate heat exchanger all have the phenomenon that the leakage of flow channel can not be repaired in the welding process, and some flow channels are blocked, especially for special materials such as titanium or Hastelloy.

### Hazards of blocked flow channel:

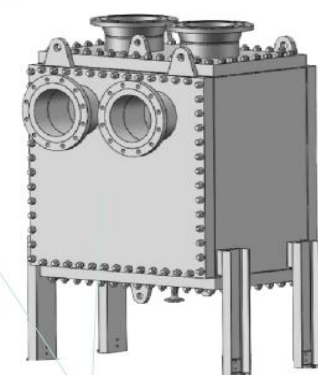
- 1) After the channel is blocked, the blocked plate does not participate in the heat exchange, which reduces the effective heat exchange area, heat exchange capacity and heat transfer efficiency of the whole machine;
- 2) After the channel is blocked, one side of the channel will be heated, which will reduce the service life of the plate and the weld, and increase the risk of short-term leakage;
- 3) When the flow channel is blocked, the flow rate of the medium will increase (if it is multi flow, uneven flow distribution will occur), the resistance of the equipment will increase, and the operation cost will increase.



Square non detachable all welded plate heat exchanger  
 The maximum design pressure is 40 barg  
 The maximum design temperature is 400 °C



Square detachable all welded plate heat exchanger  
 The maximum design pressure is 25 barg  
 The maximum design temperature is 400 °C



## 2-5 Full-Welded Plate Heat Exchanger



Wuhan Jialin Machinery Equipment Co., Ltd  
<https://www.jialinmachinery.com/>



Full welded plate heat exchanger is a combination of the advantages of high temperature resistance and high pressure of tubular heat exchanger and high heat transfer efficiency of detachable heat exchanger. It has the advantages of light weight, high heat transfer coefficient, small resistance, not easy to scale and large adaptability. In addition, kBq / KBG / kbg-g all welded plate heat exchanger is a kind of wide flow channel plate heat exchanger, which is suitable for the industrial demand of large temperature difference effect flow rate, and suitable for the fluid with particulate suspension and high viscosity.

Full welded heat exchanger is mainly composed of plate, end plate, inlet and outlet tube box and head.

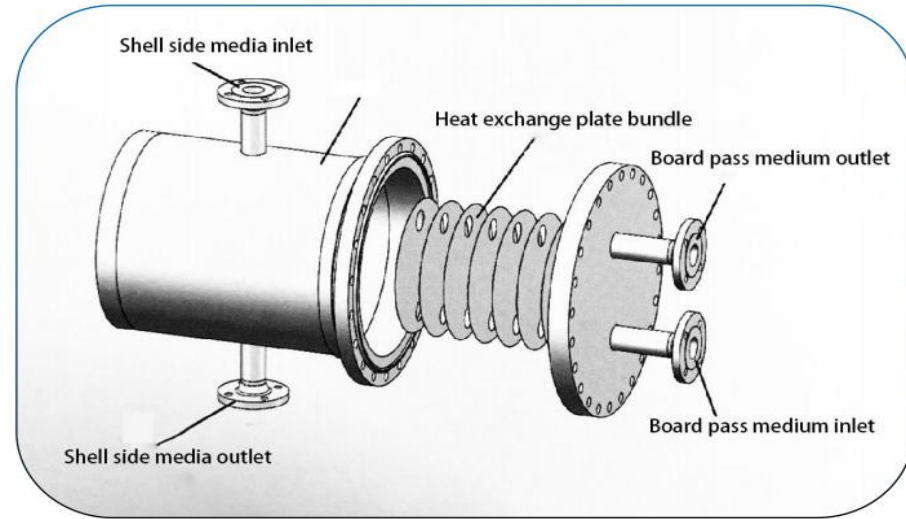
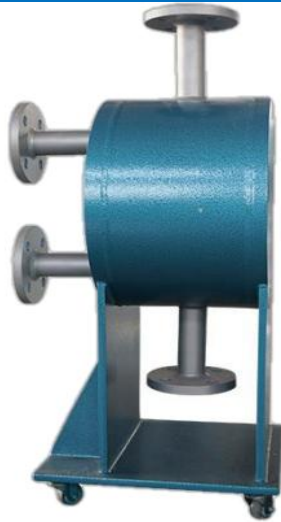
The plate bundle is composed of two adjacent plates in 180 ° The intersection angles are arranged alternately and connected to form the flow channel. The fluid flows through the inlet and outlet flange in the form of counter current in the plate. Due to the zigzag ripple on the plate, the liquid continuously turns in the channel, forming turbulence, which greatly improves the heat transfer efficiency.



## 2-6 Plate & Shell Full-welded Heat Exchanger



Wuhan Jialin Machinery Equipment Co., Ltd  
<https://www.jialinmachinery.com/>



Circular full-welded plate heat exchanger is a new type of heat exchanger with high temperature, high pressure, high efficiency and compactness. In some cases, it can replace the traditional tubular heat exchanger and achieve the application effect of energy saving and production increase, investment saving, simplified device, safe and reliable, and technological progress.

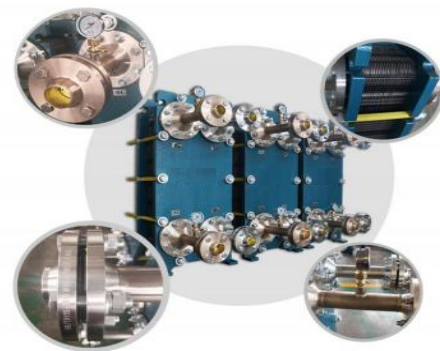
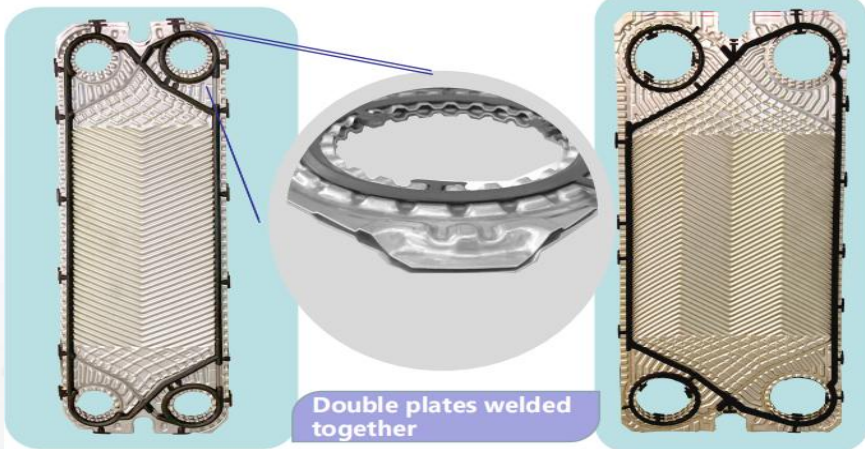
The maximum operating temperature is 600 and the maximum design pressure is 10MPa.

The circular all welded plate heat exchanger is simple in structure and consists of shell, heat exchange plate bundle, inlet and outlet connecting pipes, flange and support.

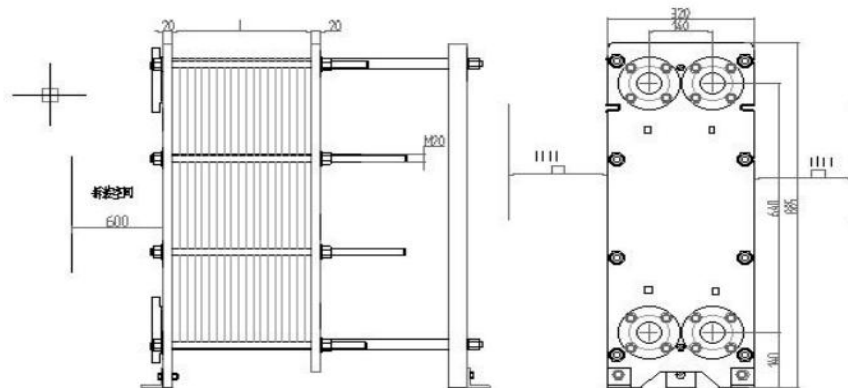
# 2-7 Semi-Welded Plate Heat Exchanger



Wuhan Jialin Machinery Equipment Co., Ltd  
<https://www.jialinmachinery.com/>



Model	M6MW	M10BW	MK15BW	T20MW	MA30W
Wave angle	55°130°	60°112°	69°128°	49°126°	58°
Normal intercept of ripple (mm)	10.92/10.1	9.26	9	14.4/14.25	13.85
Ripple depth(mm)	3	2.55	2.5	4.1	4.1
Corner hole diameter(mm)	φ58	φ100	φ140	φ240	φ330
Center distance of corner hole(mm)	640*140	719*223	1044*298	1478*353	1811*561
Overall dimension(mm)	748*247	874*374	1248*498	1745*620	2244*995
Cross sectional area of flow channel(m <sup>2</sup> )	0.00063	0.00086	0.00113	0.00234	0.00368
Area of veneer (m <sup>2</sup> )	0.14	0.22	0.47	0.83	1.55







# 2-8 Plate Condenser



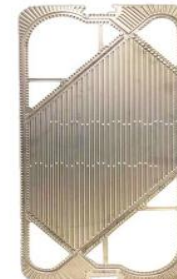
Plate condenser: it is composed of two plates a and B, which can be divided into two types: welding and detachable.

A plate is straight corrugated and B plate is transverse herringbone corrugated.

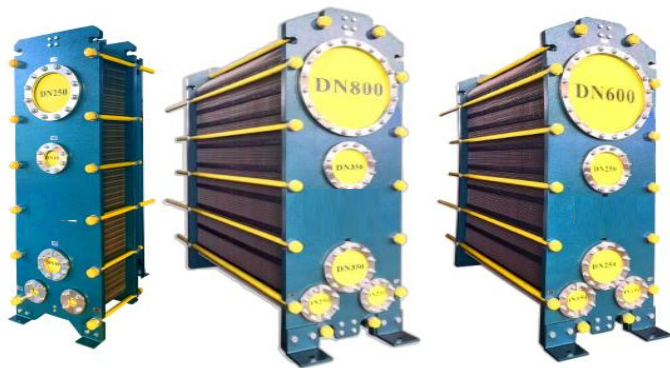
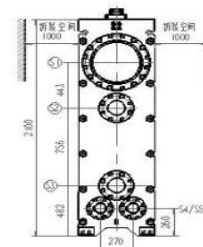
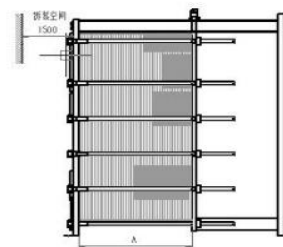
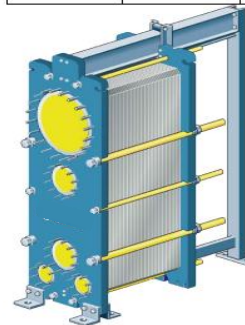
B plate is arranged in the same arrangement, and the asymmetric channel is formed, and the ratio of wide and narrow channel is 1.88. The condensed medium flows in a wide channel, and the cooling medium flows in a narrow channel, with small resistance drop. It can form a large plate condenser with high heat transfer efficiency, wide application range, compact structure, simple operation, convenient cleaning, disassembly and maintenance, and can meet the heating, cooling, condensation and waste heat recovery of the process.

[It is mainly used in chemical industry, petroleum, light industry food, pharmaceutical industry, machinery, heating and heating industry, ship, metallurgy, mine, power industry, etc.](#)

Model	Single plate area(m <sup>2</sup> )	Dimension A*B(mm)	Corner hole diameter C(mm)	Corner hole diameter D(mm)
BL0.8	0.6	1487*786	φ100	φ150
BL1.0	1	1980*995	φ400	φ200



Model	Single plate area (m <sup>2</sup> )	Dimension A*B(mm)	Corner hole diameter C(mm)	Corner hole diameter D(mm)	Corner hole diameter E(mm)	Corner hole diameter F(mm)
L400	0.45	1835*489	φ372	φ150	φ150	φ100
L600	0.7	2236*738	φ585	φ250	φ250	φ150
L800	1.1	2446*838	φ784	φ300	φ200	φ200

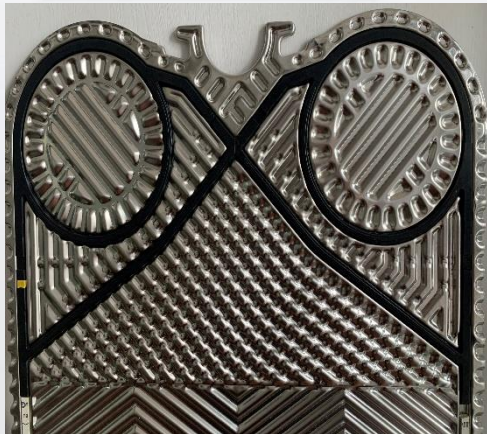
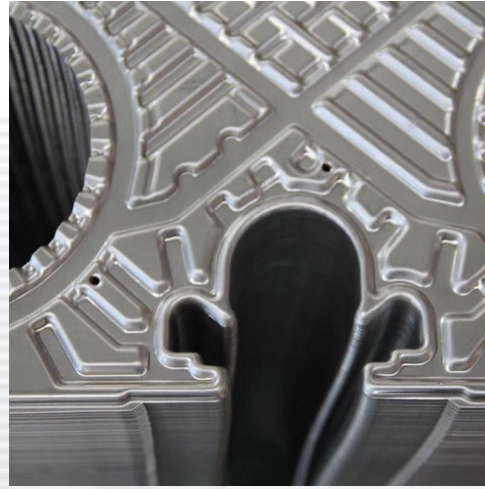
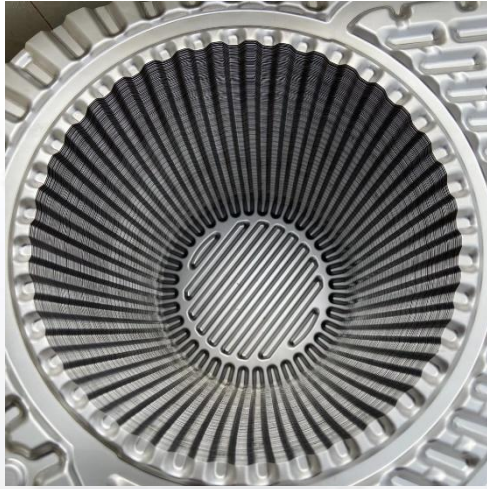




## 2-9 Plate details



Wuhan Jialin Machinery Equipment Co., Ltd  
<https://www.jialinmachinery.com/>



1. There are no scratches, indentations, pits and other defects on the surface of the plate.
2. Check that there are no burrs around the edges and corner holes of the plate, and the cut surface is neat.
3. The balance of the base surface in any direction should not be greater than  $3/1000\text{mm}$ .
4. 100% check the quality of the plates and confirm that there are cracks.
5. The thinning of the plate forming should not be greater than 25% of the original actual plate thickness.
6. The corrugation depth of the plate should not be greater than 0.20mm





## 2-9 Gasket details



Wuhan Jialin Machinery Equipment Co., Ltd  
<https://www.jialinmachinery.com/>



1. The hand feel is delicate,
2. The surface is clean,
3. The surface adopts frosting process, such as Ghislawi, MCD and other homogeneous material frosting process.
4. The surface distribution is natural and uniform, without material shortage, air bubbles, frosting and other phenomena.
5. The tensile strength reflects the sensitivity of the gasket to the gap and the ability to resist cracking under a certain pressure.



## 2-10 BRAZED PLATE HEATEXCHANGER



Wuhan Jialin Machinery Equipment Co., Ltd  
<https://www.jialinmachinery.com/>

Brazed plate heat exchanger is formed by stainless steel and purity higher than 99% of copper solder integrally at the high temperature in the vacuum brazing furnace.



**Technological advantage:** compact structure, easy installation, light weight, high bearing temperature, high bearing pressure

### Nickel BHE

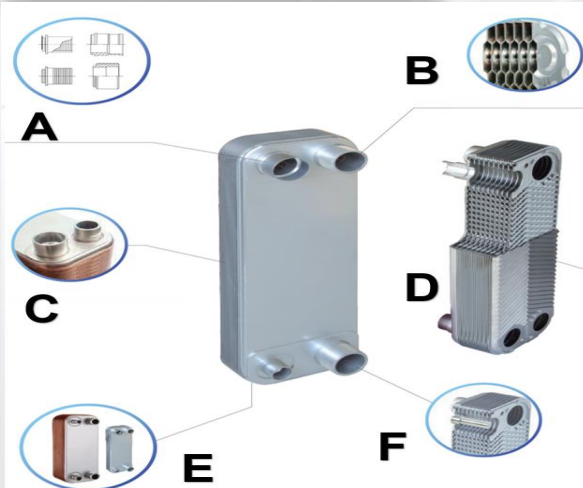


Plate material: AISI316L  
Connection material: AISI304  
Brazing material: Nicker  
Max design temperature: 225 °C  
Min design temperature: -196°C  
Max design pressure: 15barg

### Copper BHE



Plate material: AISI316L/304  
Connection material: AISI304  
Brazing material: Copper  
Max design temperature: 225 C  
Min design temperature: -196 C  
Max design pressure: 45barg



- A. Provide internal thread, external thread, clamp type, plug-in welding and other types of interfaces to meet different needs.
- B. Special fluorine distribution system to improve heat exchange efficiency.
- C. Products with a pressure resistance above 45bar can be provided.
- D. Fishbone shape structure, stainless steel sheets are welded in a matrix, safe and firm.
- E. Provide copper brazing and nickel brazing two types.
- F. Temperature probes can be installed according to customer requirements.

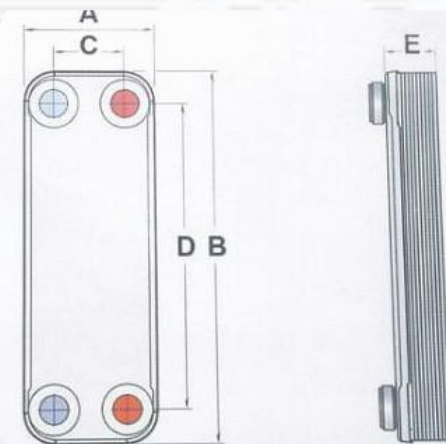


# 2-11 BRAZED PLATE HEATEXCHANGER



Wuhan Jialin Machinery Equipment Co., Ltd  
<https://www.jialinmachinery.com/>

Model	EX14	EX20	EX18	EX26	EX26C	EX50	EX95	EX120	EX80	EX190	EX200	EX600
Width A (mm)	76	76	94	108	124	108	188	246	254	307	321	435
Height B (mm)	206	318	210	310	304	525	616	528	847	696	738	1410
Length E (mm)	9+2.3n	9+2.3n	9+2.3n	10+2.3n	13+2.3n	10+2.3n	11+2.3n	13+2.3n	13+2.3n	13+2.7n	13+2.7n	22+2.7n
Horizontal port distance C (mm)	42	42	52	50	70	50	92	174	160	179	188	220
Vertical port distance D (mm)	172	282	167	250	250	466	519	456	750	567	603	1190
Max pressure [Mpa]	3	3	1	3/4.5	3	3/4.5	3/4.5	3	3	3	2.1	1.5
Max flowrate [M3/h]	3.6	3.6	3.6	8.1	8.1	12.7	39	42	42	100	100	300
Weight [kg]	0.6+0.06n	1.0+0.08n	1.0+0.07n	1.3+0.12n	2.2+0.16n	2.6+0.19n	7.8+0.36n	7.2+0.52n	10+0.52n	12.5+0.72n	13+0.75n	31.8+1.73n



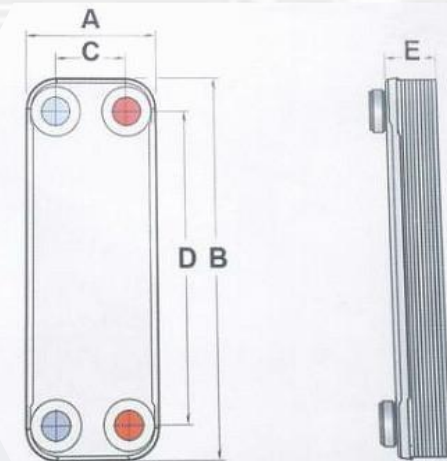


## 2-11 BRAZED PLATE HEATEXCHANGER



Wuhan Jialin Machinery Equipment Co., Ltd  
<https://www.jialinmachinery.com/>

Model	EX25E	EX50E	EX60E
Width A (mm)	91	107	120
Height B (mm)	323	527	528
Length E (mm)	$9+1.6n$	$10+2.35n$	$8+2.3n$
Horizontal port distance C (mm)	39	50	63
Vertical port distace D (mm)	268	466	470
Max pressure [Mpa]	4.5	4.5	4.5
Volume [L]	$0.028(n-2)$	$0.047(n-2)$	$0.052(n-2)$
Weight [kg]	$1+0.09n$	$2.6+0.19n$	$2.4+0.19n$



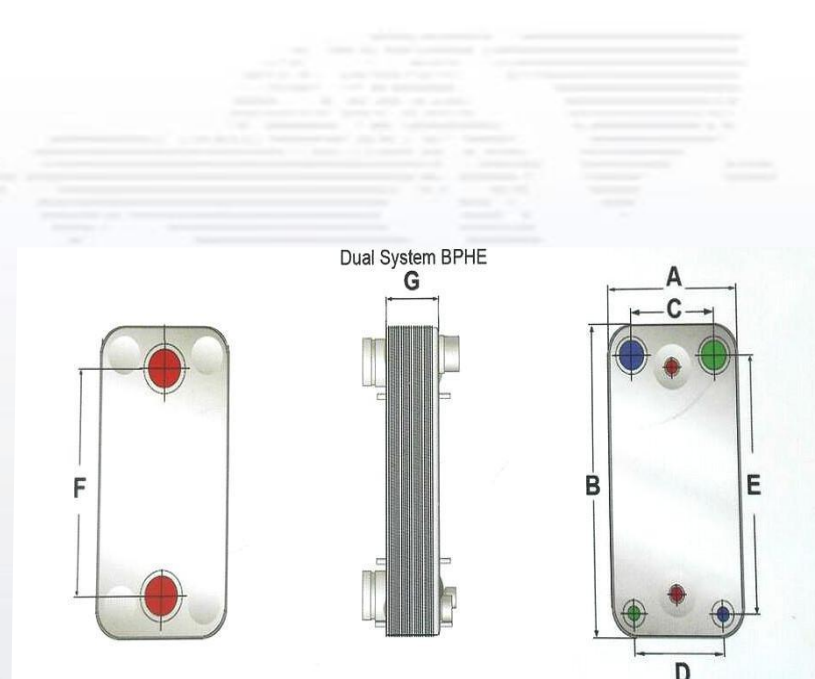


# 2-11 BRAZED PLATE HEATEXCHANGER



Wuhan Jialin Machinery Equipment Co., Ltd  
<https://www.jialinmachinery.com/>

Model	EX100	EX210
Width A (mm)	248	322
Height B (mm)	495	739
Length G (mm)	$10+2.15n$	$13+2.55n$
Up horizontal port distance C (mm)	157	205.2
Low horizontal port distance D	168	224
Gas Vertical Port distance E (mm)	405	631
Water vertical port distance F (mm)	405	568
Max pressure [Mpa]	3/4.5	3/4.5
Max flowrate [M3/h]	42	100
Weight [kg]	$6.5+0.37n$	$13+0.78n$



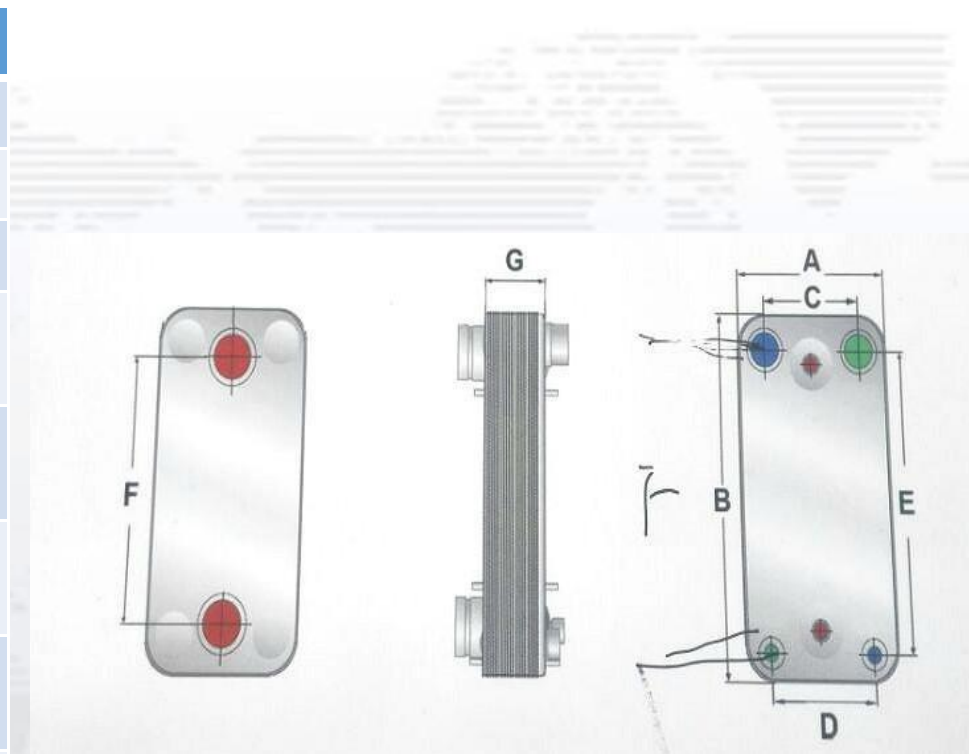


## 2-11 BRAZED PLATE HEATEXCHANGER



Wuhan Jialin Machinery Equipment Co., Ltd  
<https://www.jialinmachinery.com/>

Model	EX100E
Width A (mm)	250
Height B (mm)	498
Length G (mm)	$10+2.15n$
Up horizontal port distance C (mm)	159
Low horizontal port distance D	166
Gas Vertical Port distance E (mm)	369
Water vertical port distance F (mm)	369
Max pressure [Mpa]	4.5
Volume[L]	$0.08(n-2)$
Weight [kg]	$6.5+0.37n$



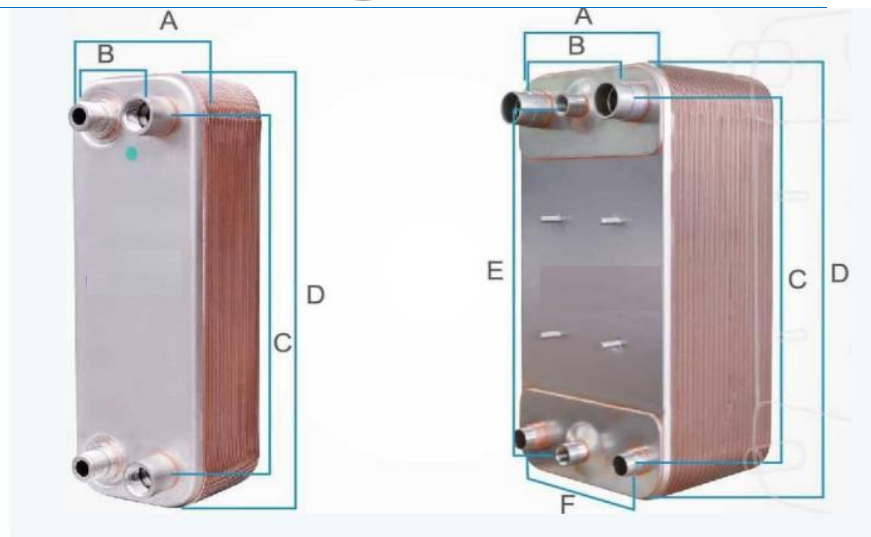


## 2-12 High efficiency neat exchanger



Wuhan Jialin Machinery Equipment Co., Ltd  
<https://www.jialinmachinery.com/>

Our ZL20, ZL62 series, ZL130, ZL250 are specifically developed for R410A refrigerant, which is ideal alternative of R22. R410A efficient heat exchanger is not only resistant to high pressure, but also with less refrigerant to achieve the same cooling effect. ZL20 and ZL62 are unilateral flow. ZL130 and ZL250 are diagonal flow. They can work from the power range of 1KW to 250KW.



Model	A(mm)	B(mm)	C(mm)	D(mm)	thickness (mm)	weight(mm)	Stagnant fluid volume (L)	Designpressure (Mpa)	Max fluid(L)
ZL20A	86	40	269	315	9+1.58N	1+0.084N	0.018(N-2)	3/4.5	8m3/h
ZL62A	119	63	470	526	10+2.35N	2.4+0.225N	0.051 (N-2)	3/4.5	18m3/h

Model	A(mm)	B(mm)	C(mm)	D(mm)	E(mm)	F (mm)	thickness (mm)	weight (mm)	Stagnant fluid volume (L)	Designpressure(Mpa)	Max fluid(L)
ZL130	247	161	495	414	369	172	10+2.15N	4+0.424N	0.080(N-2)	3/4.5	42m3/h
ZL250	322	205.2	739	632.1.7	568	224.4	13+2.7N	16+0.711N	0.22(N-2)	3/4.5	100m3/h

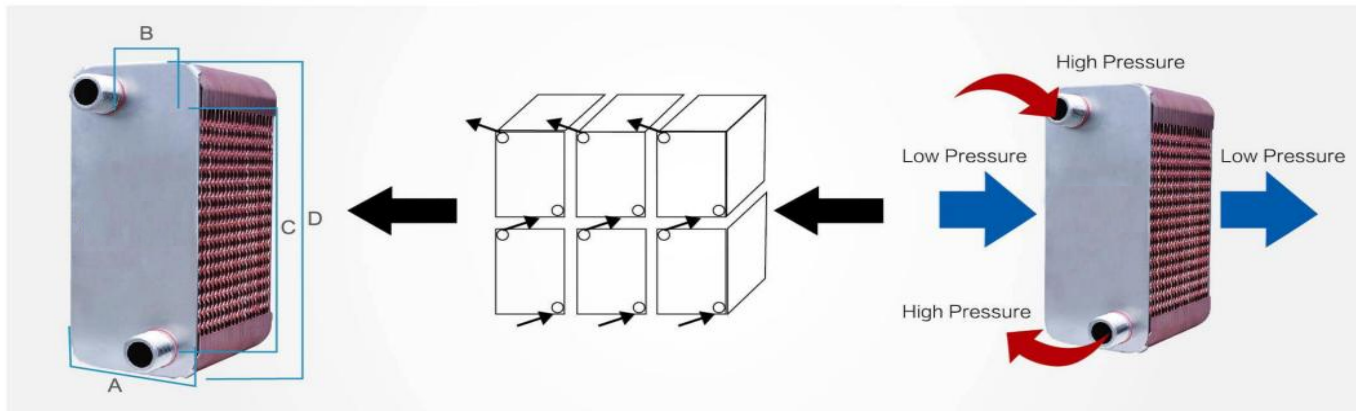




## 2-13 Aircross



Aircross is a cross flow plate heat exchanger vacuum 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 GOJE-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(m m)	Stagnant fluid volume (L)	Exchanger area (M2)	Designpresure(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





## 2-14 JiaLin Factory



Wuhan Jialin Machinery Equipment Co., Ltd  
<https://www.jialinmachinery.com/>



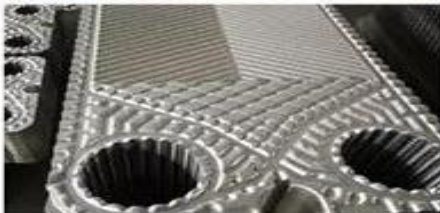


## 2-14 JiaLin Factory



Wuhan Jialin Machinery Equipment Co., Ltd  
<https://www.jialinmachinery.com/>

14 sets of press including 40,000 tons, 15,000 tons, 10,000 tons and 6,000 tons, and we also have over 30 sets of equipment including punch and plate shearing machine.





8000t

20000t

30000t

40000t

50000t



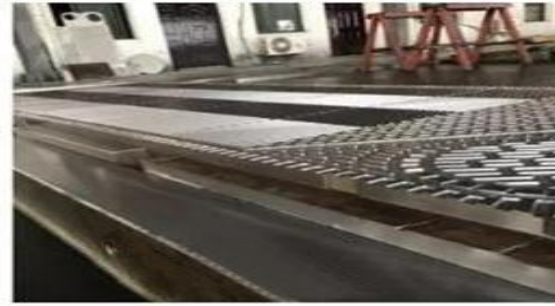
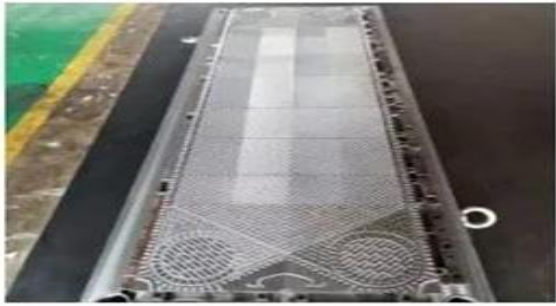
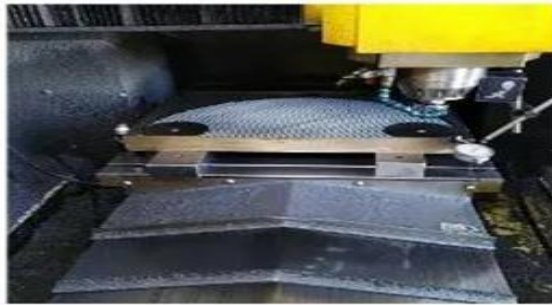
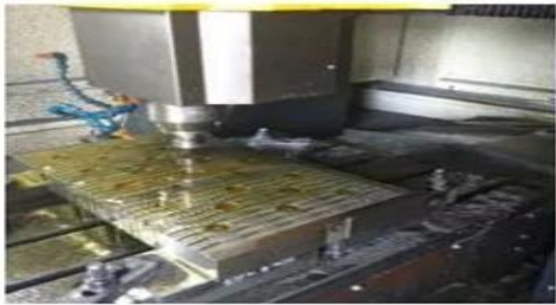




# 2-14 JiaLin Factory



Wuhan Jialin Machinery Equipment Co., Ltd  
<https://www.jialinmachinery.com/>





## 2-14 JiaLin Factory



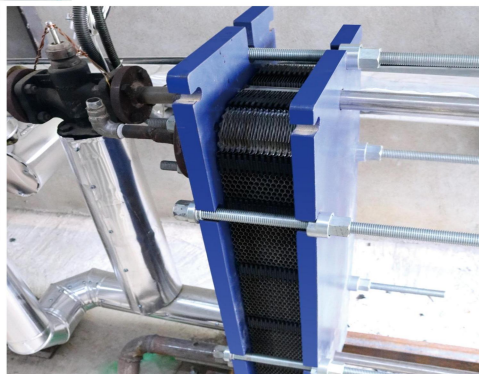
Wuhan Jialin Machinery Equipment Co., Ltd  
<https://www.jialinmachinery.com/>



“  
HEAT EXCHANGER  
SHIMSIMULATION  
EXPERIMENT  
AND MOLD LIBRARY

—  
换热器密封垫模拟工况实验  
及模具库

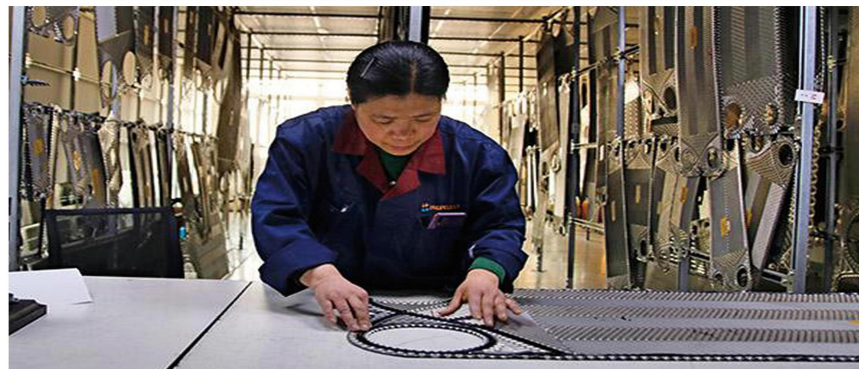
”



“  
TEMPLATE INSPECTION ROOM

—  
样板检验室

”





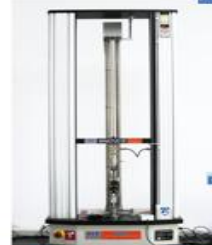
“  
LABORATORY  
OF THE COMPANY  
—  
公司实验室  
”



Aging experiment box



experiment Vulcanizer



Double silicon tensile machine



Thickness gauge



Hardness gauge

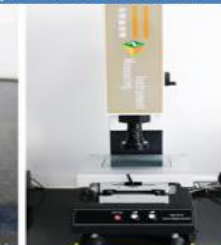


Image projector



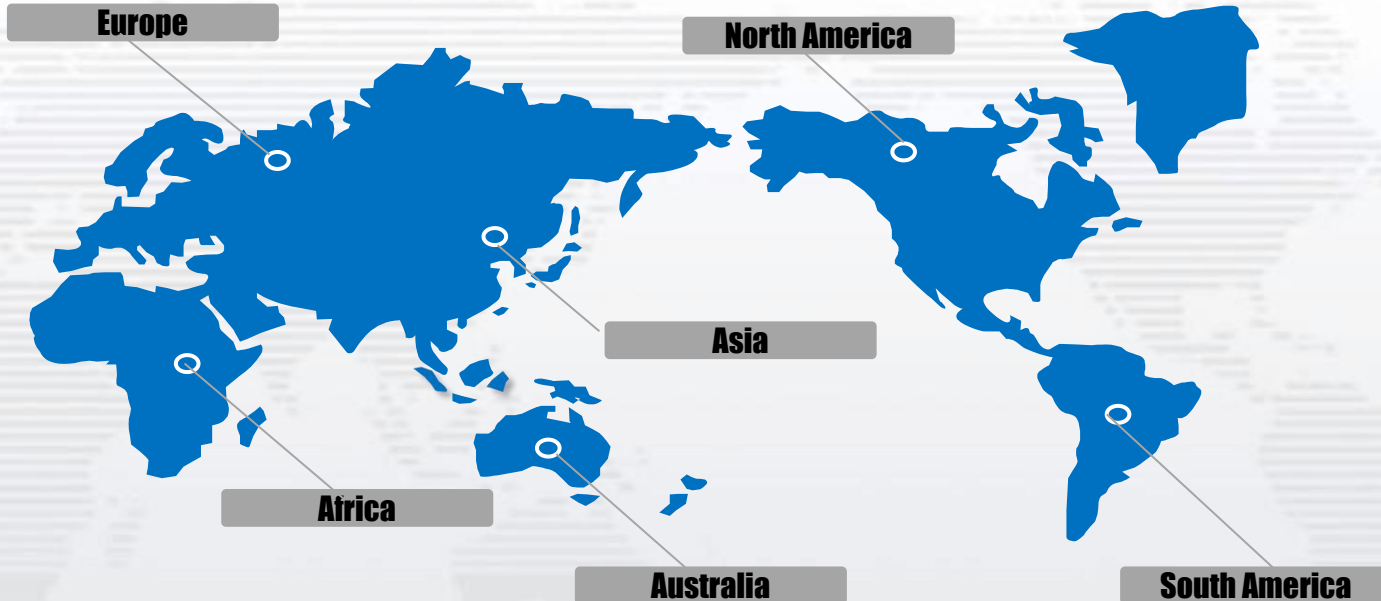
Gas punching machine



Rotorless vulcanizer



### 3、Market Analysis



American market account for 30%,Europe market account for 42%. Australia market account for 10%,Asia market account for 15%,South Africa market account for 3%



## 4、 Our advantages



Wuhan Jialin Machinery Equipment Co., Ltd  
<https://www.jialinmachinery.com/>



### 1. Quality

ISO certificate & TMQ manage, serious quality check

### 2. Quality guarantee

The thickness of plate: 0.5-0.6mm

The Alfa laval of content is 70%, we can make 68% use import material;After-sales provided

### 3. Stronger team

Professtioal technician ;R&D department

### 4. Design

New design painting drying plate heat exchanger in color brilliancy

Reliable performance & wide varieties and complete in specifications

### 5. Shipping & packing

General 7 working days, we can accept MQQ for your testing

Plywood case &carton for protect goods

### 6. Terms of payment

①Trade Assurance

It's the best choice for buyer----safety funds, on-time shipment & product quality protection. Check all goods are ok then Aibaba will release funds to seller.

② T/T③ Visa④ Western Union⑤Paypal



# THANKS

**Wuhan Jialin Machinery Equipment Co., Ltd**

---

Adress: Room 13, 16th Floor, Qiaoya International  
Plaza, No. 8 Wenhua Avenue, Daqiao New District,  
Jiangxia District, Wuhan City, Hubei Province, China  
Tel: +8618069958252

Whatsapp: +8613545529361/+8615071418230  
service line: +8615927376037

<https://www.jialinmachinery.com/>  
Email: [jialinphe@gmail.com](mailto:jialinphe@gmail.com)