



Brazed plate heat exchanger

浙江圣松
钎焊板式换热器



浙江圣松热交换器有限公司成立于2010年7月。公司从创建之日起，一直秉着“**产品就是人品，顾客的满意是我们永恒的追求**”的发展理念。在优化生产工艺，强化质量控制的前提下，不断的实现产品的技术创新与升级，及时提供给客户“安全可靠、质量稳定”的产品。

公司已通过ISO9001：2008质量体系认证，以及欧盟CE认证。

我们在钎焊板式换热器领域有着数十年生产和应用经验，我们将为您提供专业的售前和售后服务。

我公司生产的钎焊板式换热器广泛应用于中央空调、冷冻、余热回收、热泵采暖、锅炉采暖、工艺热水、工艺冷却、过程冷却等领域。产品销往全国各主要省市、并远销海外。

我们以科学的管理、可靠的技术、稳定的质量、完善的服务，真诚期待与您一路携手、合作共赢！

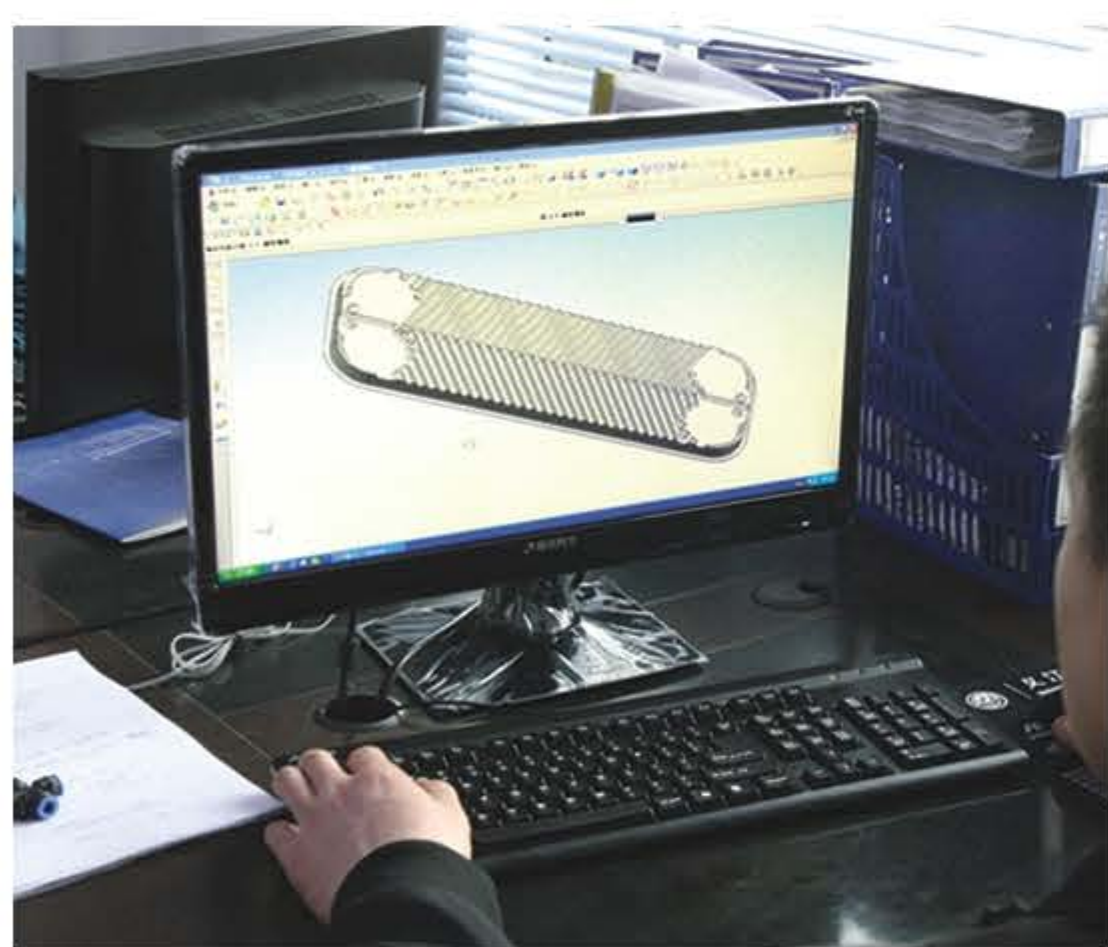
Zhejiang Shengsong heat exchanger Co., LTD was established in July 2010. Since the day that the company was founded, we keep the growing mindset in our mind that **Products represent our characters, satisfying clients is our eternal pursuits**. We do our best for achieving technical innovation and upgrading of products under the premise of optimizing manufacture process and enhancing quality control, then provide safe, reliable, stable, high quality heat-exchanger to our customers in time.

Company has been qualified by ISO9001:2008 quality system, and gets CE certificate.

We have decades manufacture experiences and field application experiences in BPHE industry. We provide professional pre-sales service and after-sales service for you.

Our products are applied in chiller, refrigerate, heat-recovery, heat pump, household boiler, water-heater, process cooling and so on widely.

We rely on scientific management, reliable technology, stable quality, perfect service, sincerely looking forward to cooperate with you.



➤ www.plate-exchange.com



钎焊板式换热器的型号表示方法 Expression of The Type of BPHE

B	3	-	117	-	54	-	3.0	-	H	D	X		
												钎焊板式换热器	BPHE
												3: 铜钎焊, 4: 镍钎焊	3: Copper brazed, 4: Nickel brazed
												单片换热面积: $\times 10^{-3} \text{m}^2$	Single plate heat transfer area: $\times 10^{-3} \text{m}^2$
												板片数	Number of plates
												设计压力MPa	Design pressure Mpa
												板片通道型式: H、L、M	Channel Types H-M-L
												纯双系统	Dual Refrigerant circuits
												分配器	Distributor

板片通道 Channel Types H-M-L



换热器的通道

理论上，一台换热器可以按使用要求混用不同类型的流道，具体应用请咨询

- H通道：由相邻大夹角的板片组成的通道
- L通道：由相邻小夹角的板片组成的通道
- M通道：由相邻大/小夹角的板片组成的通道

特 性

- H通道：传热系数高，阻力大。适用于小流量，但传热强（高比热，有相变或大温差）的情况，如：制冷剂相变传热。
- L通道：传热系数低，阻力小。适用于大流量，传热弱（低比热或温差小）的情况，如：环境压力下的空气传热
- M通道：传热系数和阻力介于H和L通道之间。

BPHE Channels

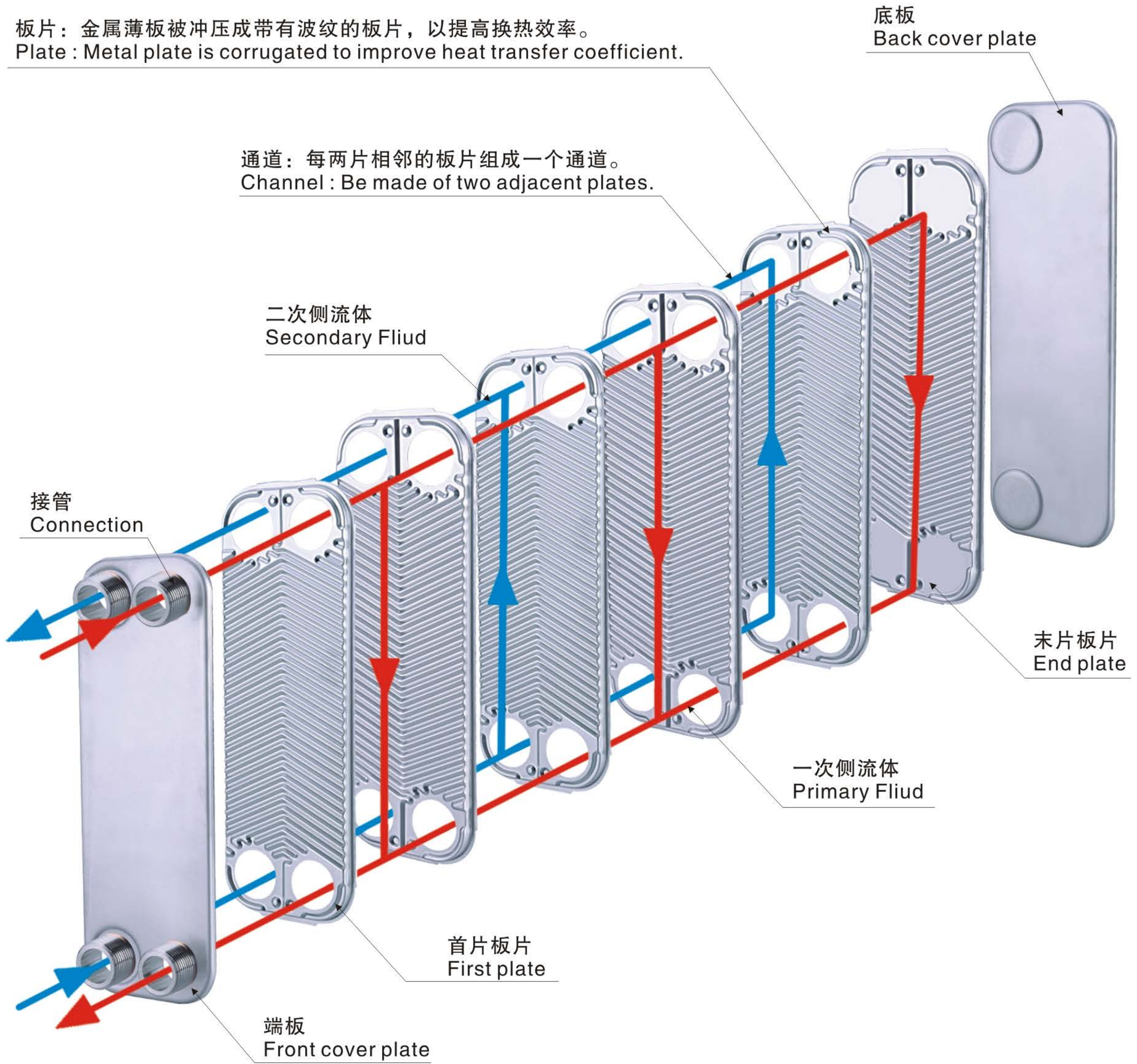
BPHE can be made of three types channels , it depends on what application it is.

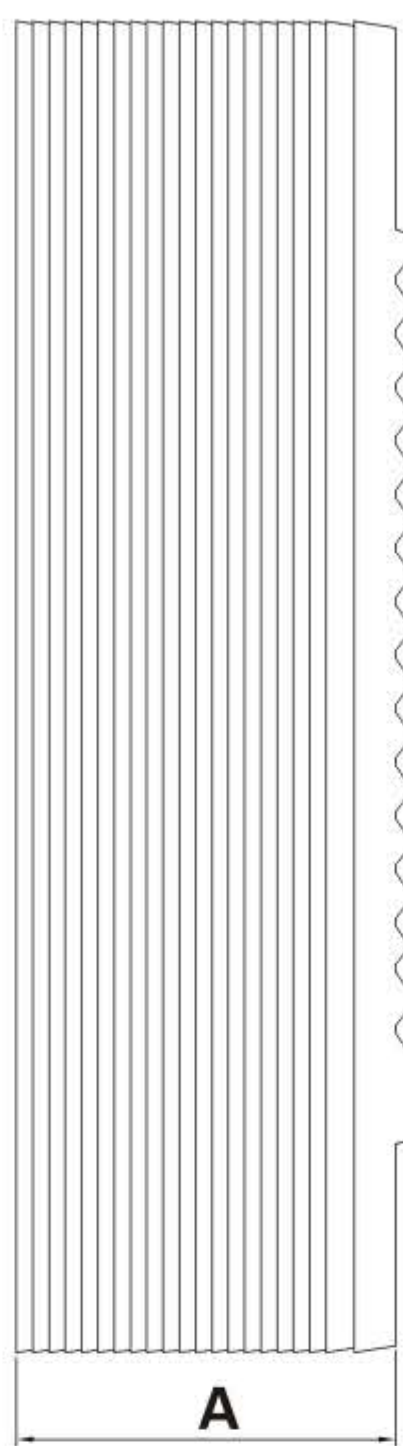
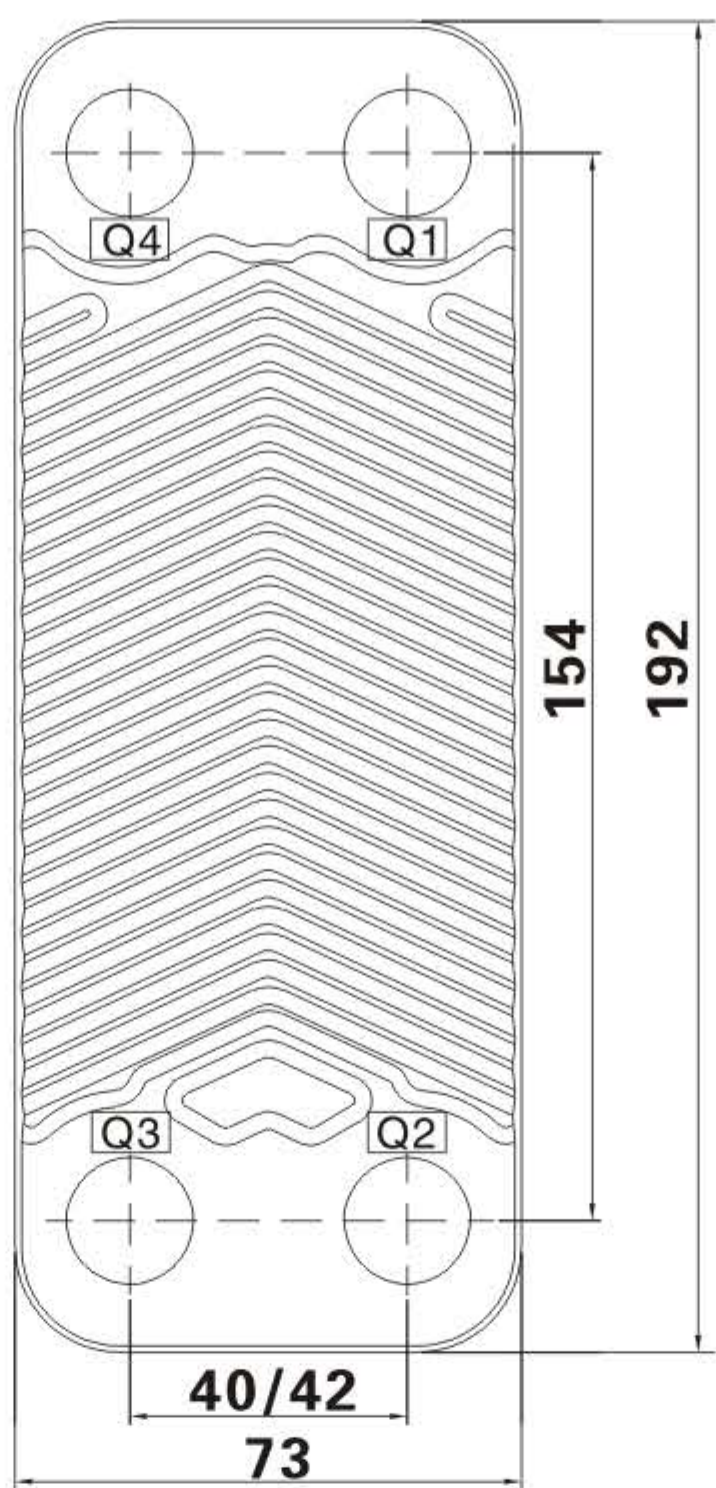
The H-type channel is made of two H-type plates which have obtuse angle corrugation, which is resulted in higher heat transfer coefficient and higher pressure drop.

The L-type channel is made of two L-type plates which have acute angle corrugation, which is resulted in lower heat transfer coefficient and lower pressure drop.

The M-type channel is made by one H-type plate and one L-type plate , which the heat transfer coefficient and pressure drop fall in between H-type channel and L-type channel.

钎焊板式换热器结构 Structure of BPHE



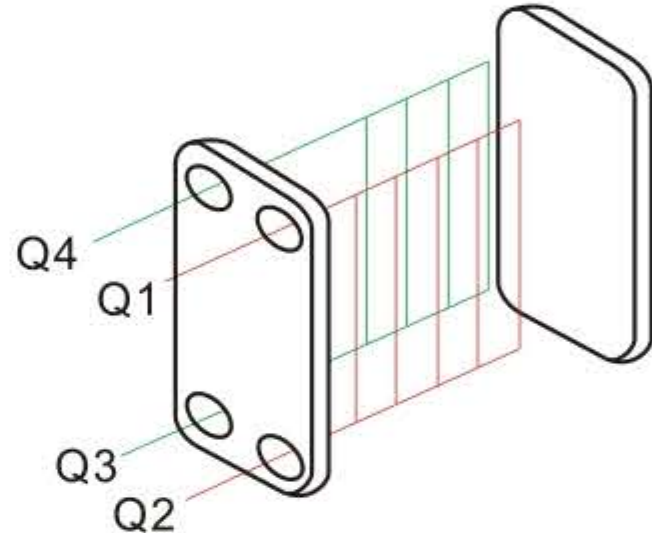


● B3-012 Series

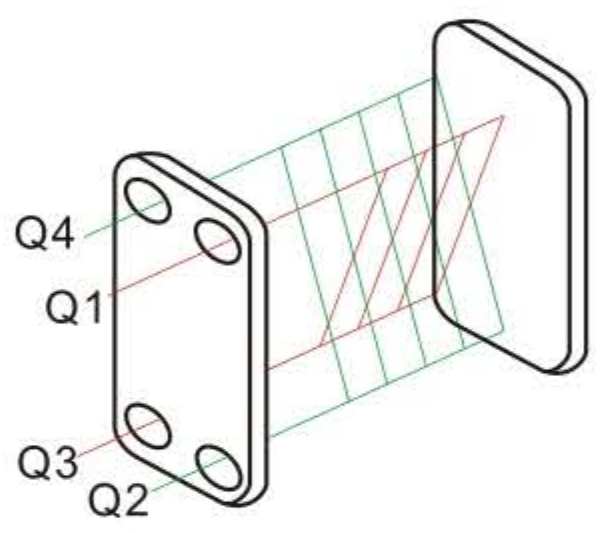
型号	板片数		重量(kg)	流道容积 (L)	Q1Q2侧	Q3Q4侧	换热面积(m ²)
Model	Number of plates	A(mm)	Weight	Hold-up volume	Q1Q2	Q3Q4	Heat exchange area
B3-012	n	9+2.3n	0.4+0.044	0.018Xn/2	0.018X(n-2)/2		(n-2)X0.012

技术参数 Products Description

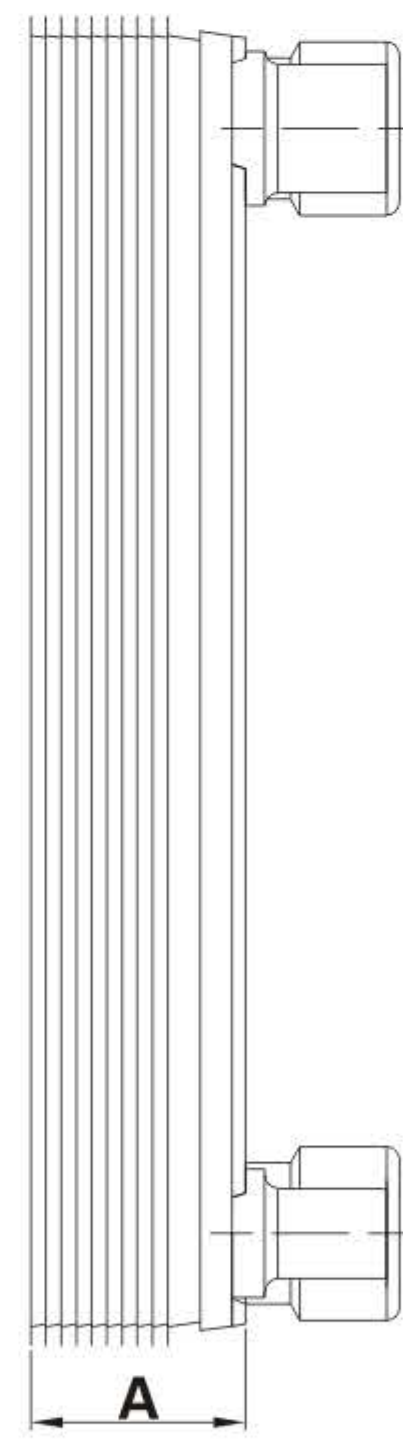
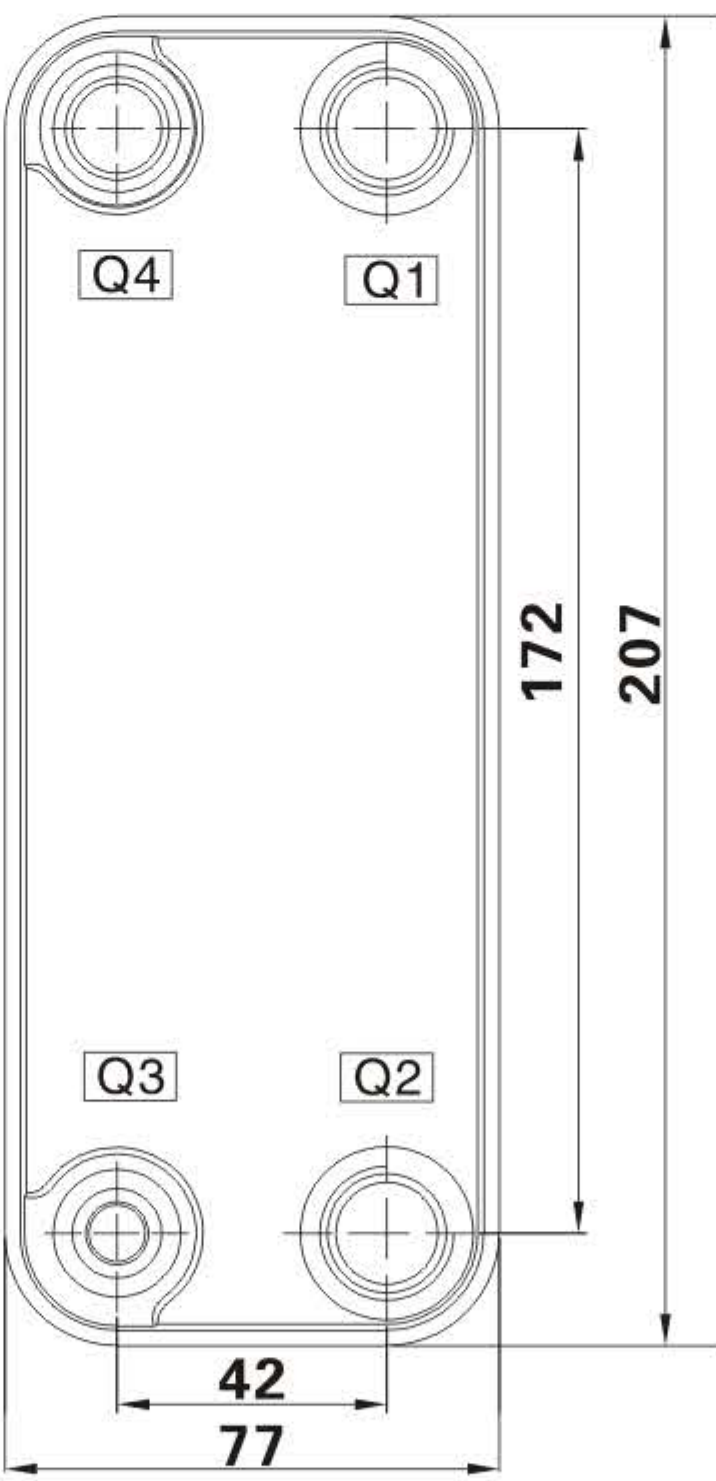
设计压力	Design Pressure	1.0MPa
		3.0MPa
试验压力	Test Pressure	1.5MPa
		4.5MPa
设计温度	Design Temperature	-196~+200℃
板片通道	Type of Channels	H
最大焊接接管	Max. Welded Connection	7/8"
最大螺纹接管	Max. Threaded Connection	3/4"
最大板片数	Max. Number of Plates	60



单边流 Parallel flow



对角流 Diagonal flow

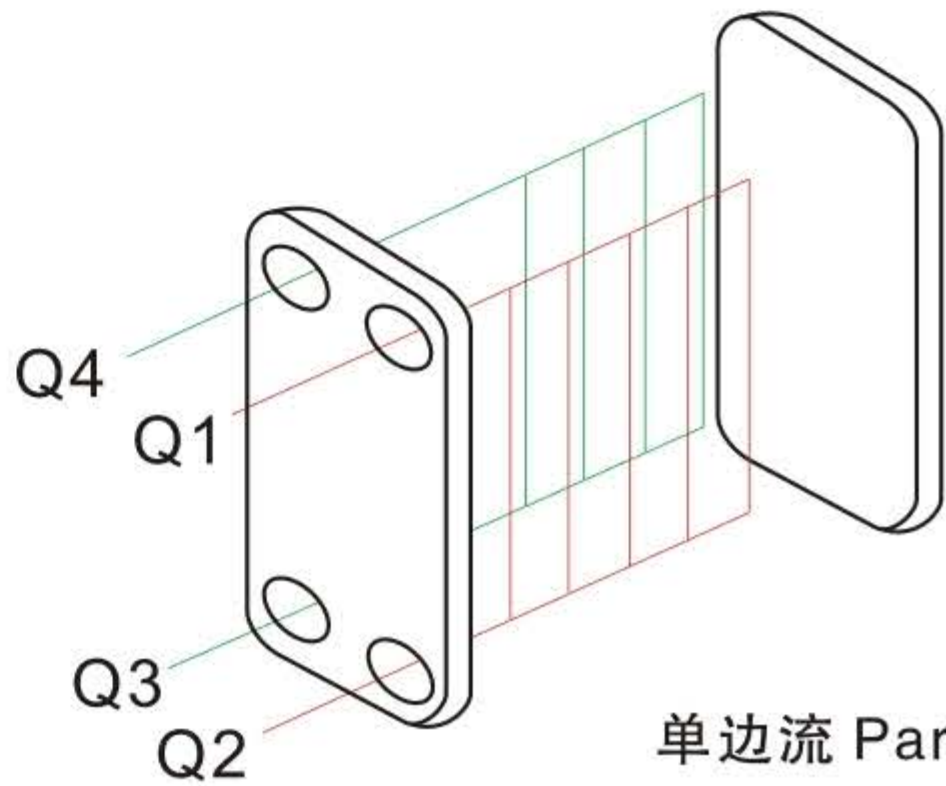


● B3-014

型号	板片数		重量(kg)	流道容积 (L)	Q1Q2侧	Q3Q4侧	换热面积(m ²)
Model	Number of plates	A(mm)	Weight	Hold-up volume	Q1Q2	Q3Q4	Heat exchange area
B3-014	n	7+2.3n	0.4+0.05	0.020Xn/2	0.020X(n-2)/2		(n-2)X0.014

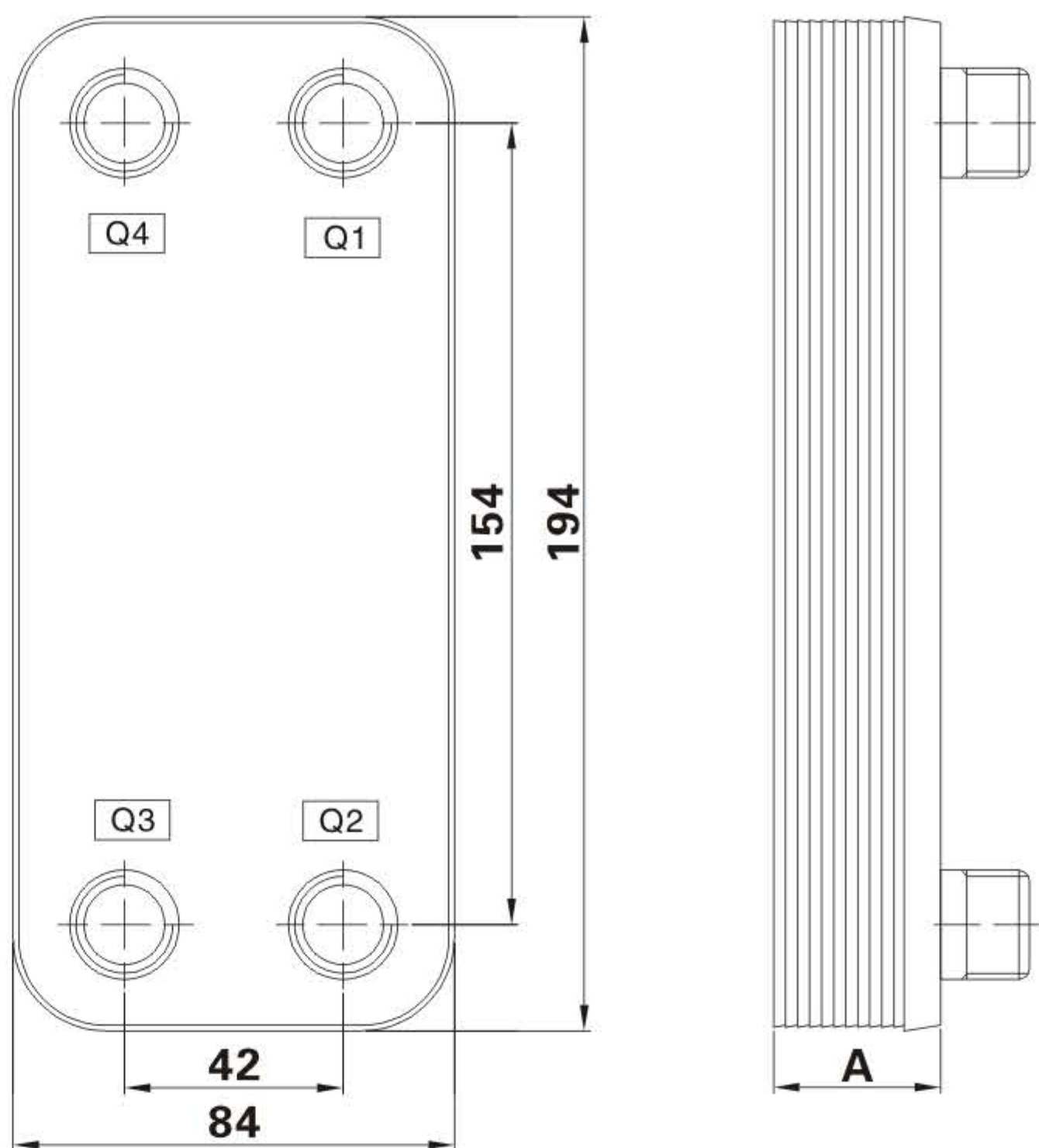
技术参数 Products Description

设计压力	Design Pressure	3.0MPa
		4.5MPa
试验压力	Test Pressure	4.5MPa
		6.75MPa
设计温度	Design Temperature	-196~+200℃
板片通道	Type of Channels	H
最大焊接接管	Max. Welded Connection	7/8"
最大螺纹接管	Max. Threaded Connection	3/4"
最大板片数	Max. Number of Plates	100



单边流 Parallel flow

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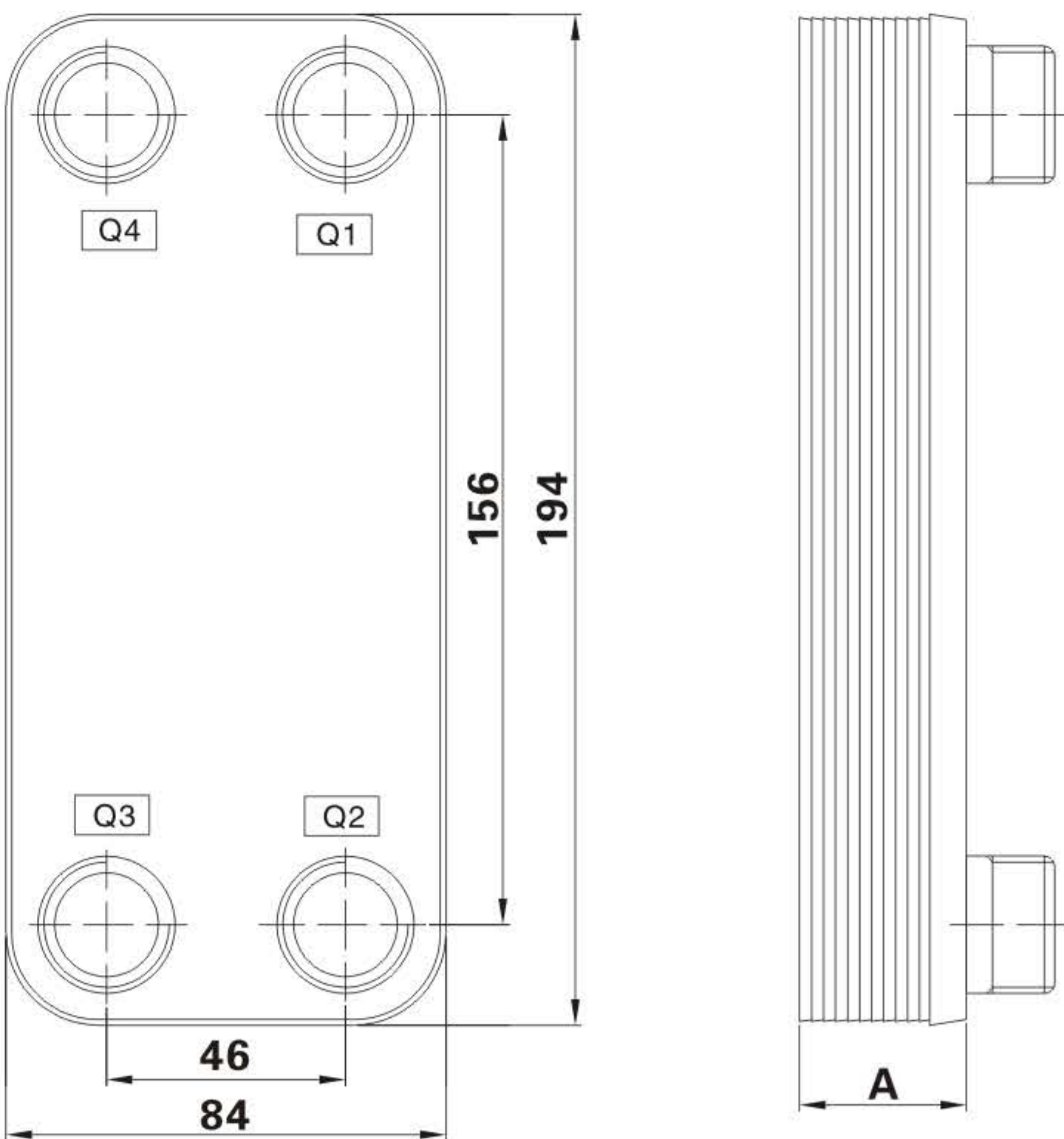
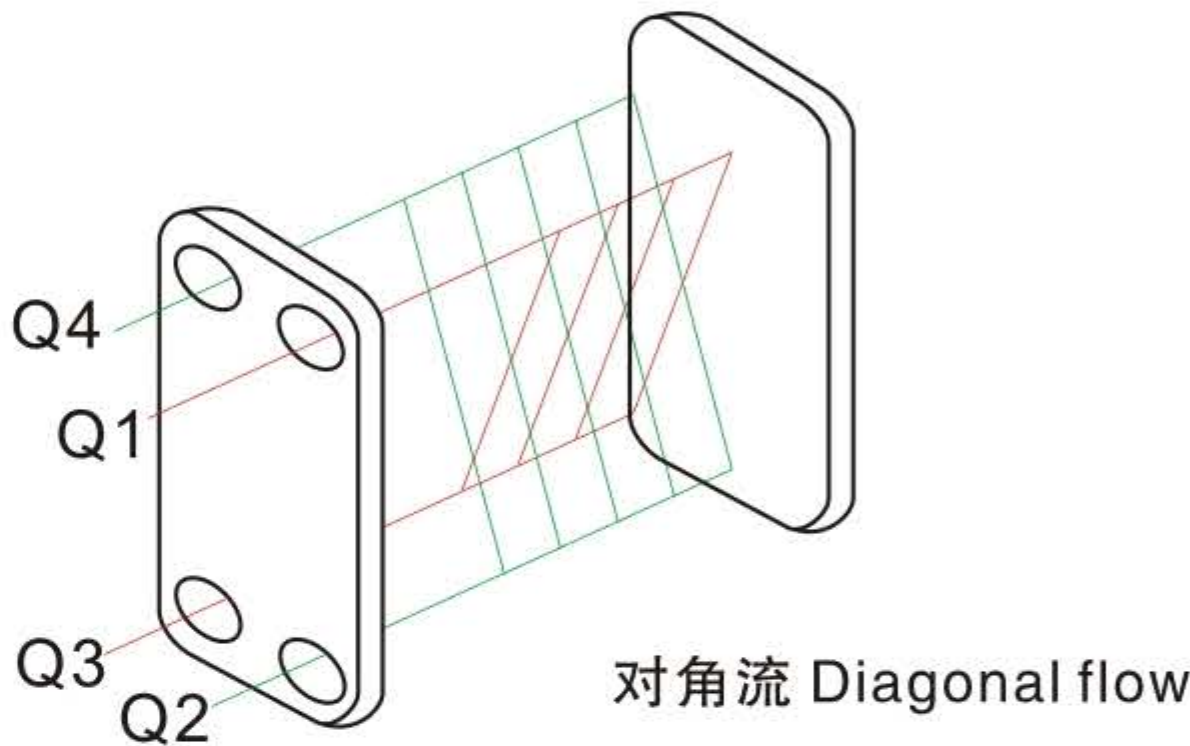


● B3-014B

型号	板片数		重量(kg)	流道容积 (L)	Q1Q2侧	Q3Q4侧	换热面积(m²)
Model	Number of plates	A(mm)	Weight	Hold-up volume	Q1Q2	Q3Q4	Heat exchange area
B3-014B	n	7+2.3n	0.4+0.045n	0.022 X n/2	0.022 X (n-2)/2		(n-2) X 0.014

技术参数 Products Description

设计压力	Design Pressure	1.0MPa
		3.0MPa
试验压力	Test Pressure	1.5MPa
		4.5MPa
设计温度	Design Temperature	-196~+200℃
板片通道	Type of Channels	H
最大焊接接管	Max. Welded Connection	7/8"
最大螺纹接管	Max. Threaded Connection	3/4"
最大板片数	Max. Number of Plates	100

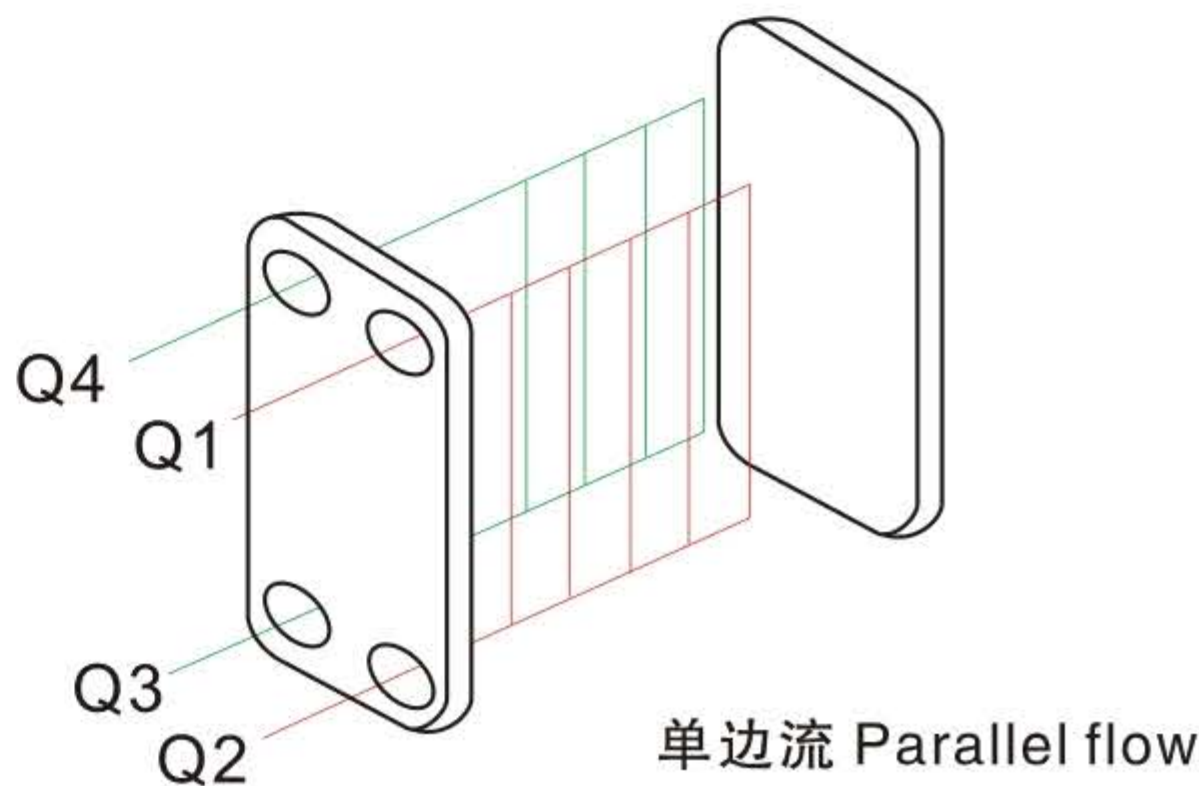


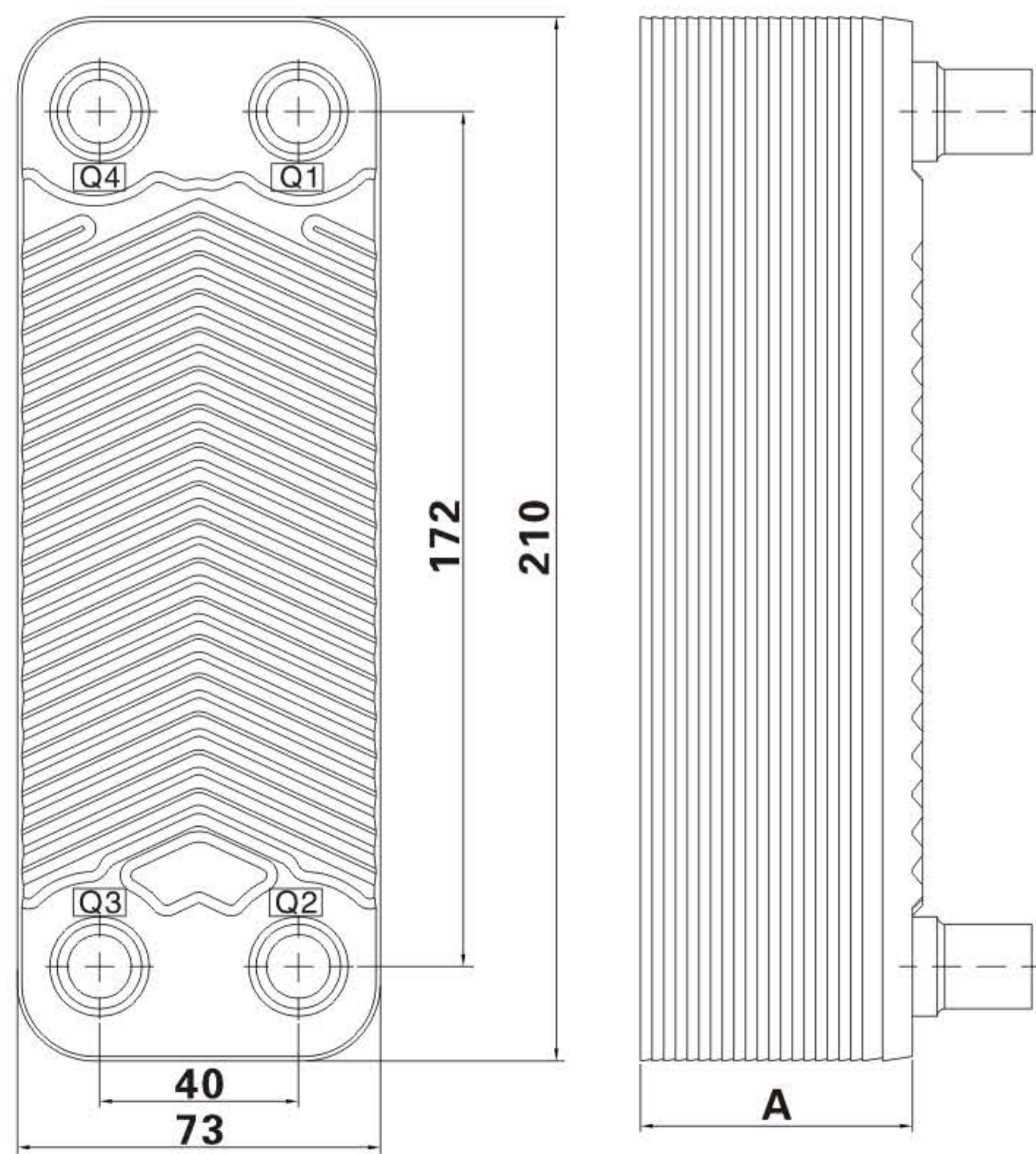
● B3-014C

型号	板片数		重量(kg)	流道容积 (L)	Q1Q2侧	Q3Q4侧	换热面积(m²)
Model	Number of plates	A(mm)	Weight	Hold-up volume	Q1Q2	Q3Q4	Heat exchange area
B3-014C	n	7+2.3n	0.4+0.045n	0.022 X n/2	0.022 X (n-2)/2		(n-2) X 0.014

技术参数 Products Description

设计压力	Design Pressure	1.0MPa
		3.0MPa
试验压力	Test Pressure	1.5MPa
		4.5MPa
设计温度	Design Temperature	-196~+200℃
板片通道	Type of Channels	H
最大焊接接管	Max. Welded Connection	7/8"
最大螺纹接管	Max. Threaded Connection	1"
最大板片数	Max. Number of Plates	100



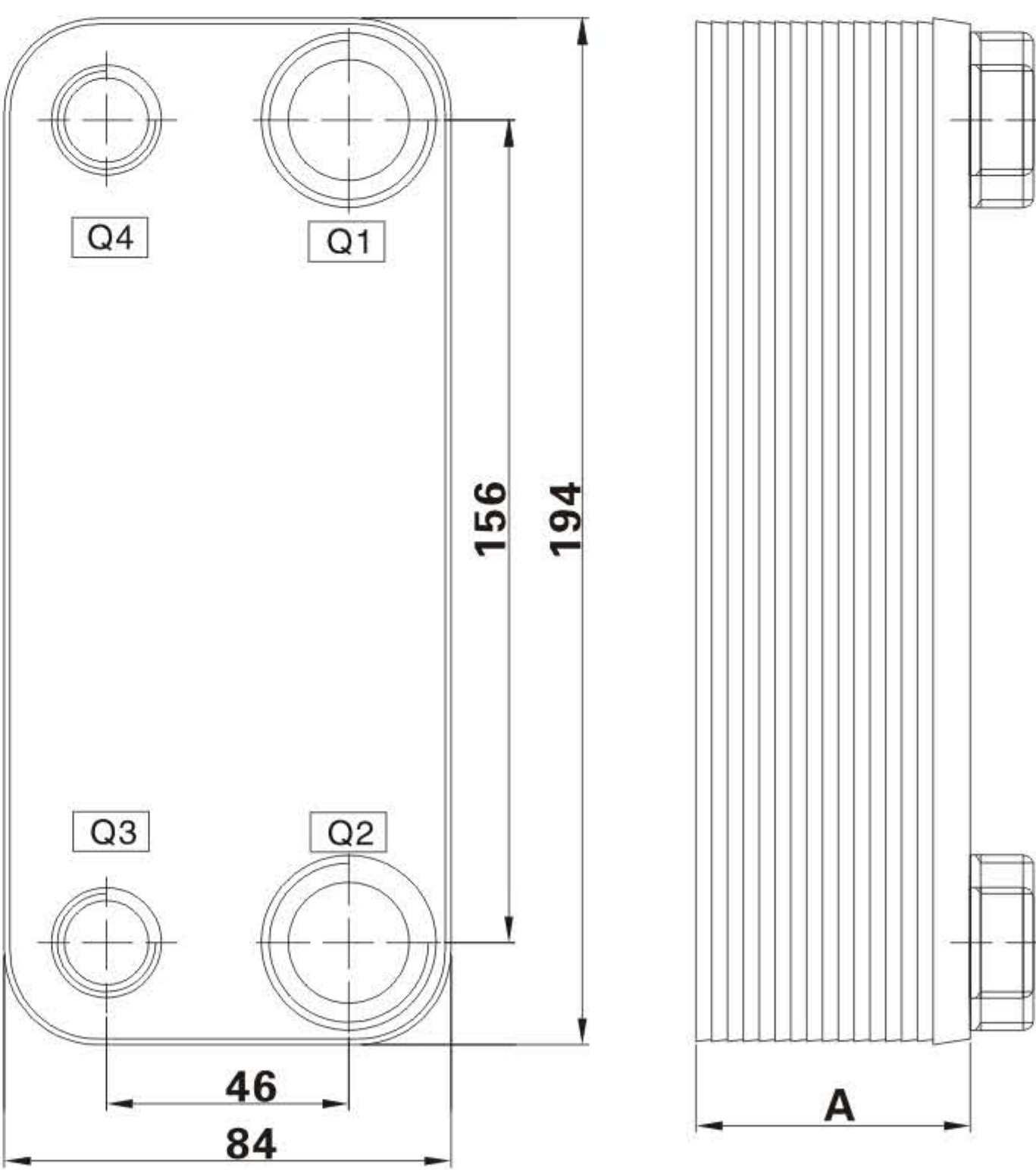
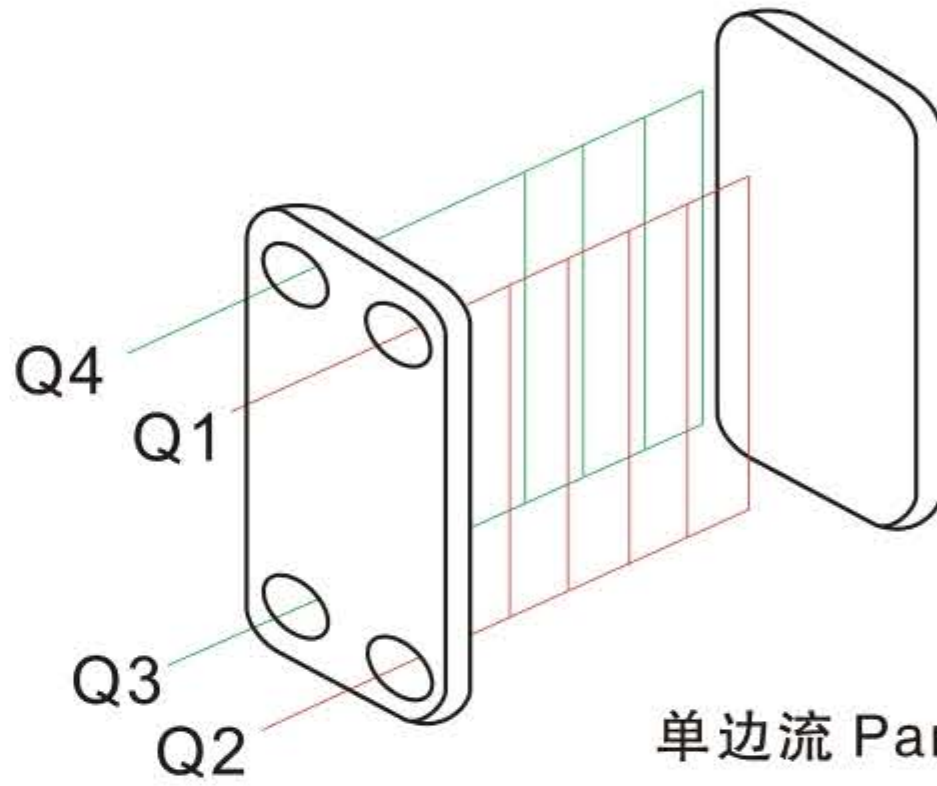


● B3-014D

型号	板片数		重量(kg)	流道容积 (L)	Q1Q2侧	Q3Q4侧	换热面积(m ²)
Model	Number of plates	A(mm)	Weight	Hold-up volume	Q1Q2	Q3Q4	Heat exchange area
B3-014D	n	9+2.3n	0.4+0.05n	0.025Xn/2	0.025X(n-2)/2		(n-2)X0.014

技术参数 Products Description

设计压力	Design Pressure	1.0MPa 3.0MPa
试验压力	Test Pressure	1.5MPa 4.5MPa
设计温度	Design Temperature	-196~+200℃
板片通道	Type of Channels	H
最大焊接接管	Max. Welded Connection	7/8"
最大螺纹接管	Max. Threaded Connection	3/4"
最大板片数	Max. Number of Plates	100

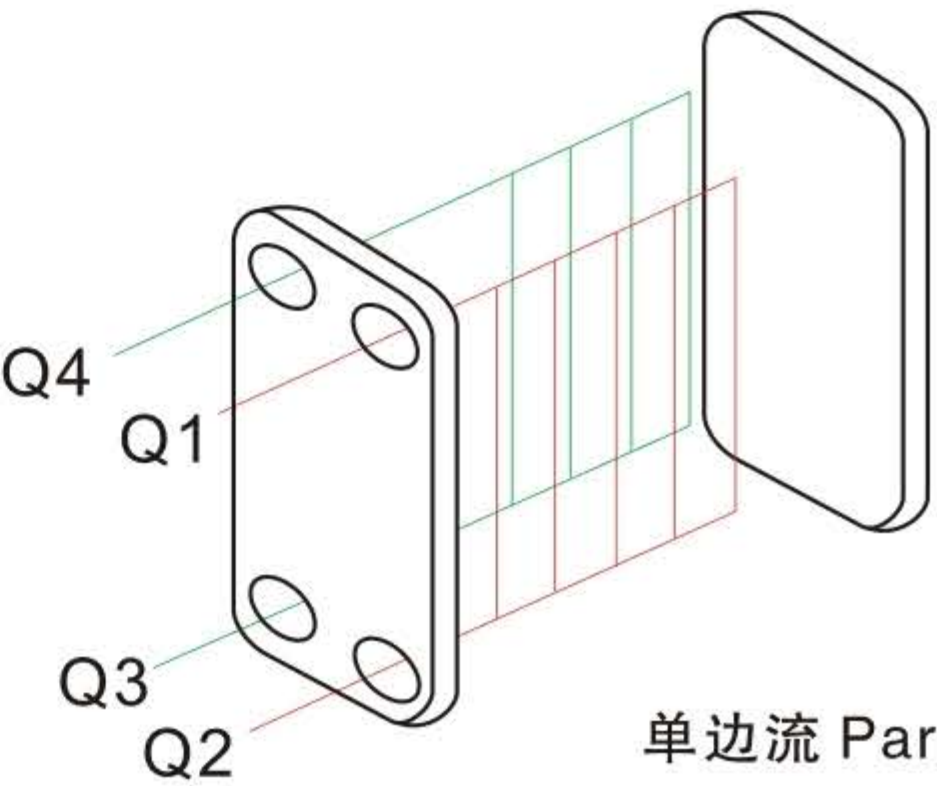


● B3-015

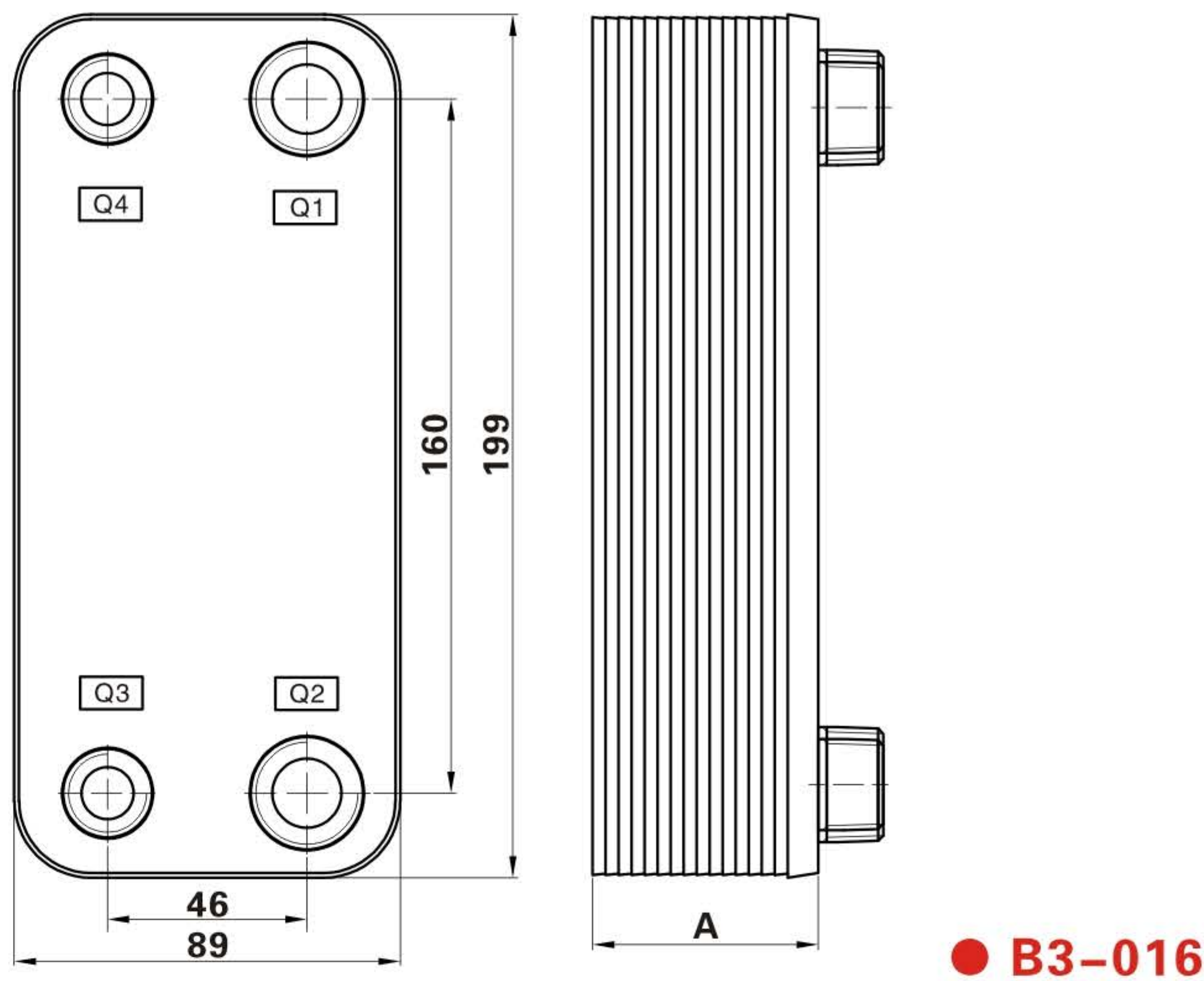
型号	板片数		重量(kg)	流道容积 (L)	Q1Q2侧	Q3Q4侧	换热面积(m ²)
Model	Number of plates	A(mm)	Weight	Hold-up volume	Q1Q2	Q3Q4	Heat exchange area
B3-015	n	7+3n	0.4+0.045n	0.04 x n/2	0.04 x (n-2)/2		(n-2)x0.015

技术参数 Products Description

设计压力	Design Pressure	1.0MPa 3.0MPa
试验压力	Test Pressure	1.5MPa 4.5MPa
设计温度	Design Temperature	-196~+200℃
板片通道	Type of Channels	H
最大焊接接管	Max. Welded Connection	7/8"
最大螺纹接管	Max. Threaded Connection	1"
最大板片数	Max. Number of Plates	100



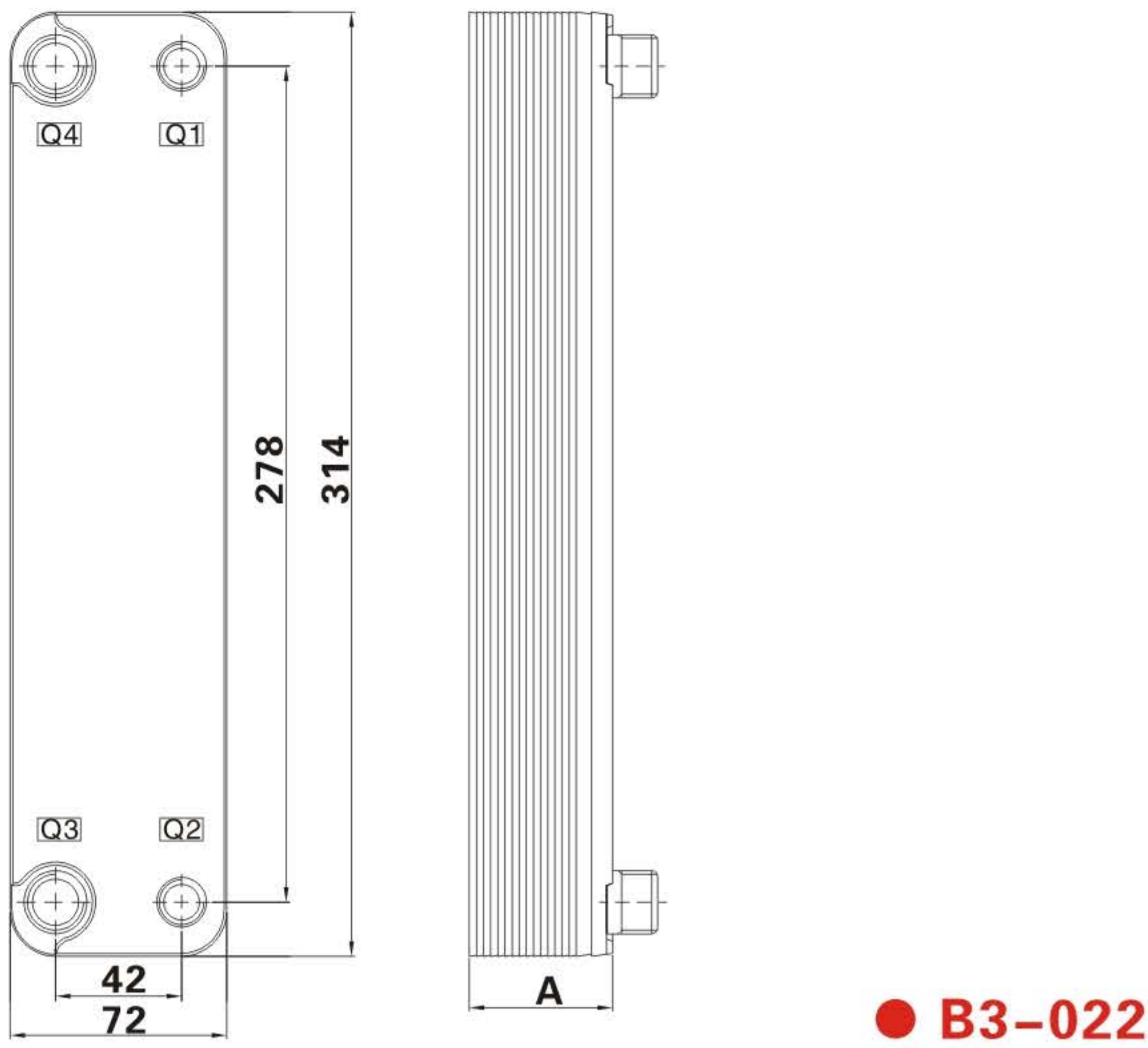
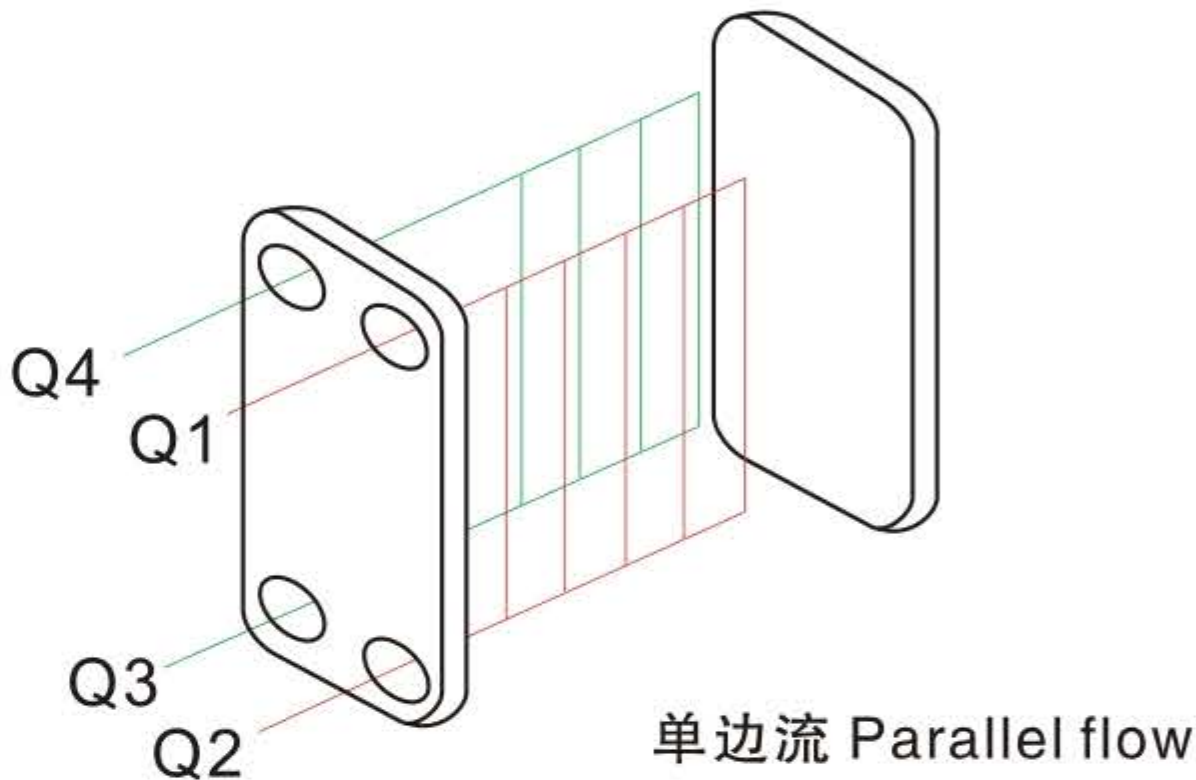
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型号	板片数		重量(kg)	流道容积 (L)	Q1Q2侧	Q3Q4侧	换热面积(m ²)
Model	Number of plates	A(mm)	Weight	Hold-up volume	Q1Q2	Q3Q4	Heat exchange area
B3-016	n	7+3n	0.4+0.05n	0.05Xn/2	0.05X(n-2)/2		(n-2)X0.016

技术参数 Products Description

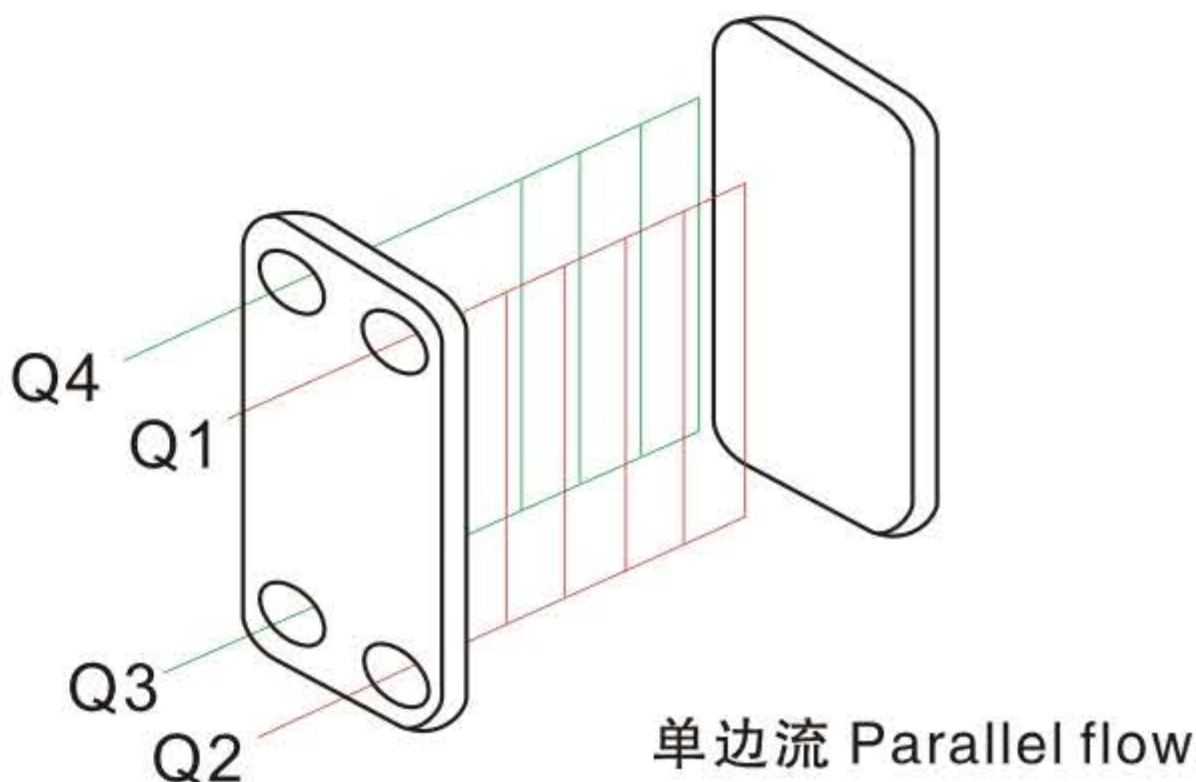
设计压力	Design Pressure	1.0MPa
		3.0MPa
试验压力	Test Pressure	1.5MPa
		4.5MPa
设计温度	Design Temperature	-196~+200℃
板片通道	Type of Channels	H
最大焊接接管	Max. Welded Connection	7/8"
最大螺纹接管	Max. Threaded Connection	1"
最大板片数	Max. Number of Plates	60

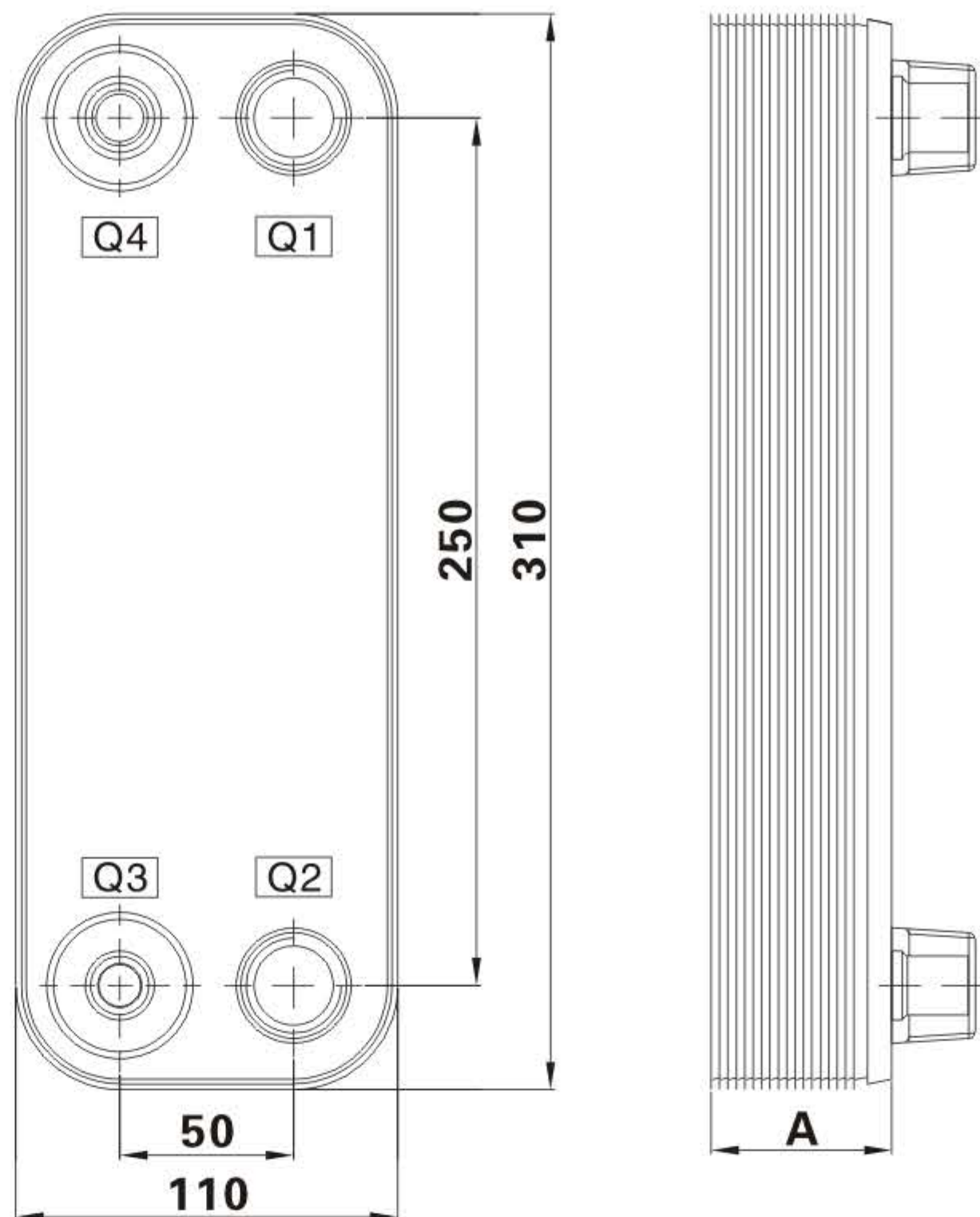


型号	板片数		重量(kg)	流道容积 (L)	Q1Q2侧	Q3Q4侧	换热面积(m ²)
Model	Number of plates	A(mm)	Weight	Hold-up volume	Q1Q2	Q3Q4	Heat exchange area
B3-022	n	7+2.3n	0.7+0.07n	0.04Xn/2	0.04X(n-2)/2		(n-2)X0.022

技术参数 Products Description

设计压力	Design Pressure	3.0MPa
		4.5MPa
试验压力	Test Pressure	4.5MPa
		6.75MPa
设计温度	Design Temperature	-196~+200℃
板片通道	Type of Channels	H
最大焊接接管	Max. Welded Connection	7/8"
最大螺纹接管	Max. Threaded Connection	3/4"
最大板片数	Max. Number of Plates	60



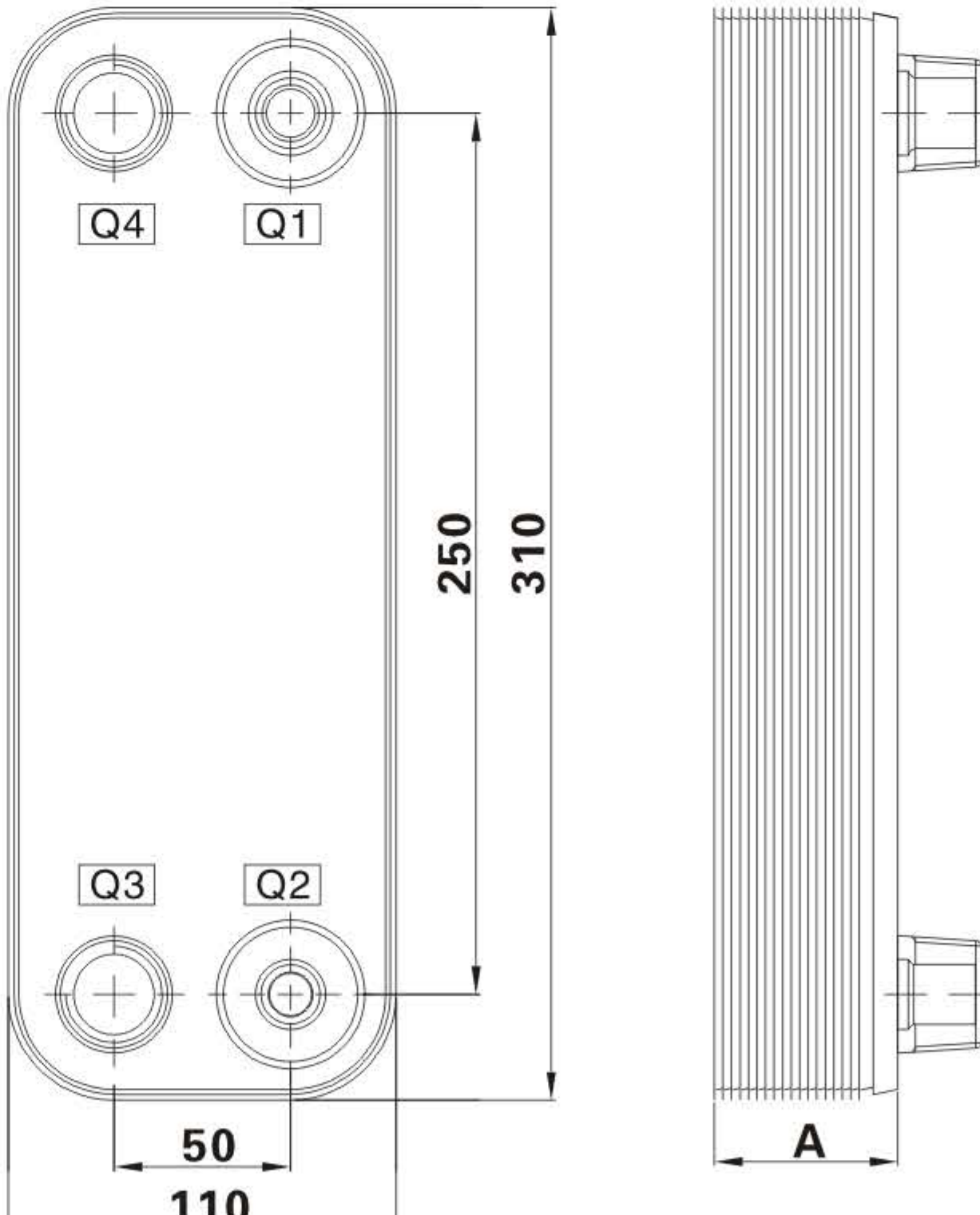
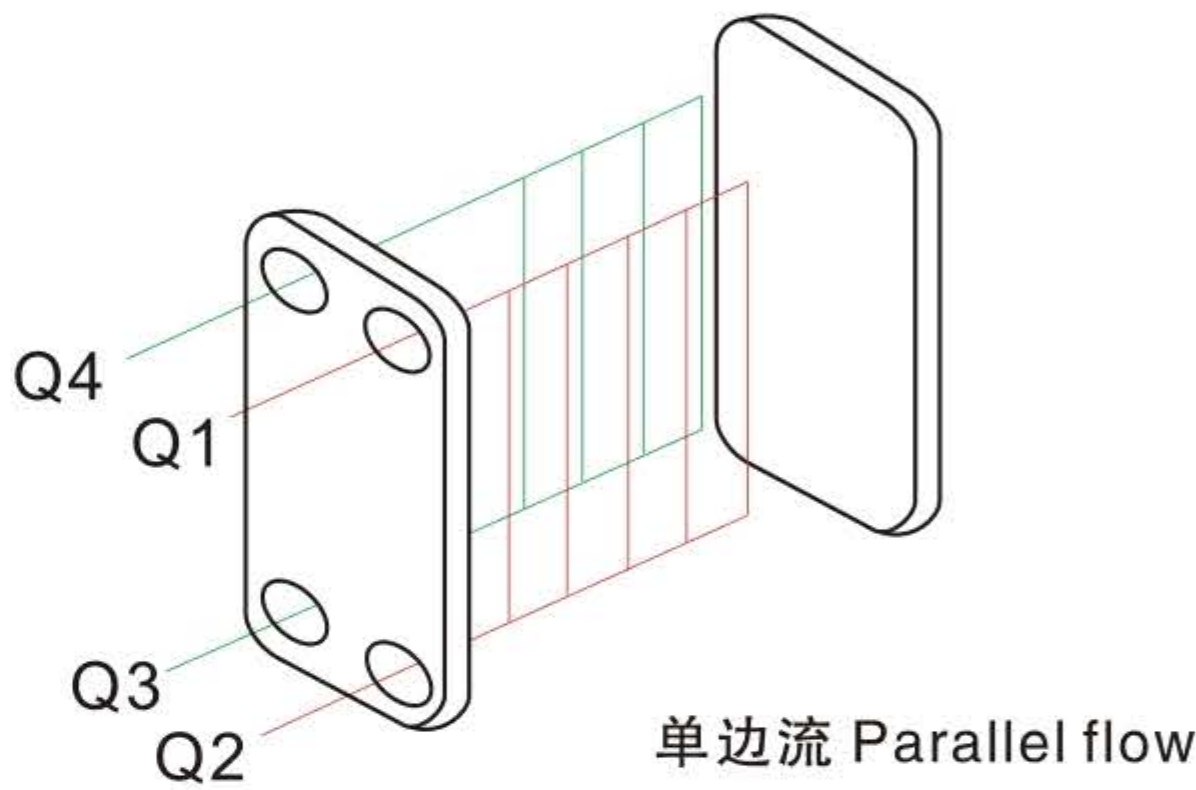


● B3-027

型号	板片数		重量(kg)	流道容积 (L)	Q1Q2侧	Q3Q4侧	换热面积(m ²)
Model	Number of plates	A(mm)	Weight	Hold-up volume	Q1Q2	Q3Q4	Heat exchange area
B3-027	n	9+2.4n	1.3+0.12n	0.05 x n/2	0.05 x (n-2)/2		(n-2)x0.027

技术参数 Products Description

设计压力	Design Pressure	3.0MPa
		4.5MPa
试验压力	Test Pressure	4.5MPa
		6.75MPa
设计温度	Design Temperature	-196~+200℃
板片通道	Type of Channels	H
最大焊接接管	Max. Welded Connection	1 3/8"
最大螺纹接管	Max. Threaded Connection	1 1/4"
最大板片数	Max. Number of Plates	150

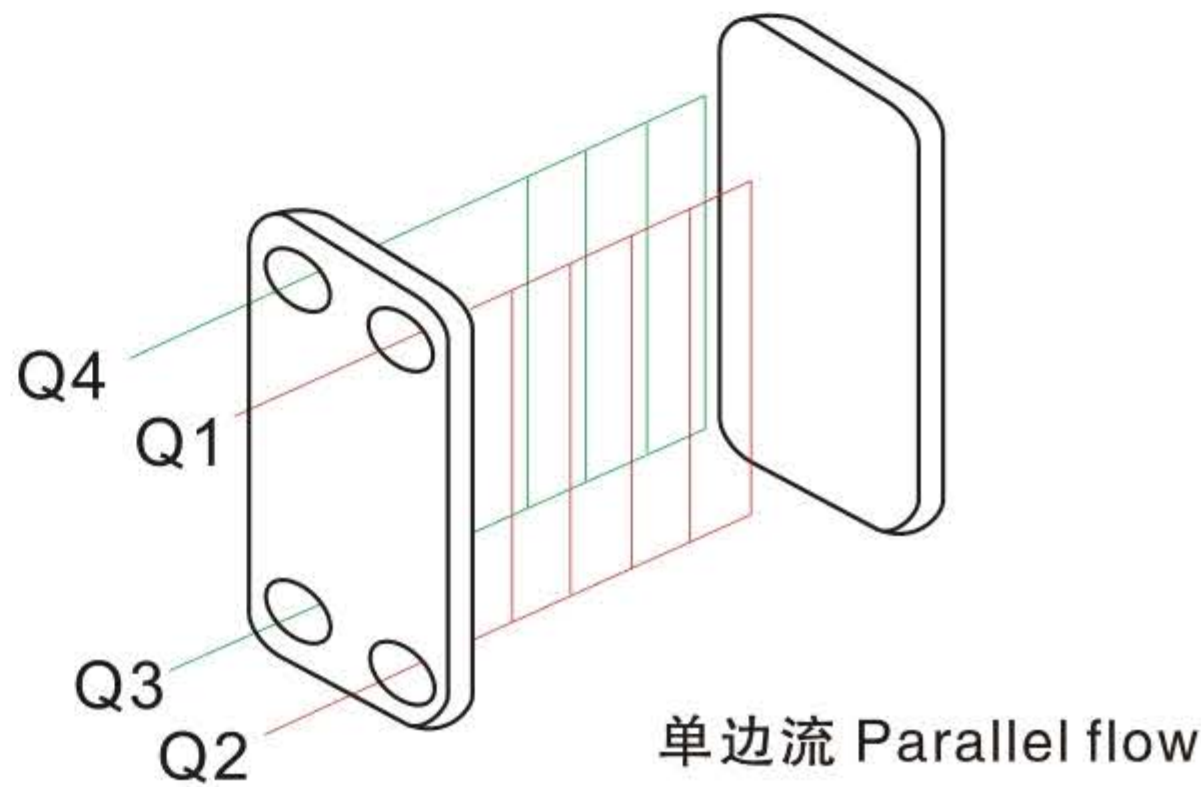


● B3-028

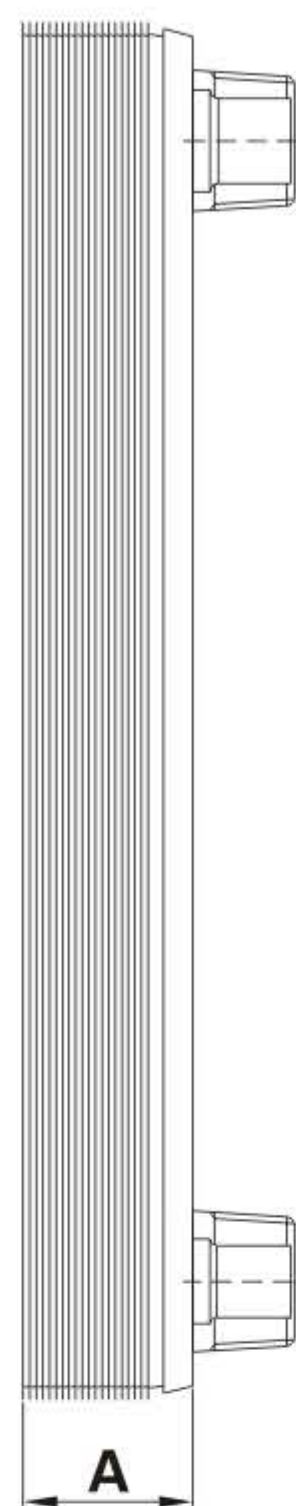
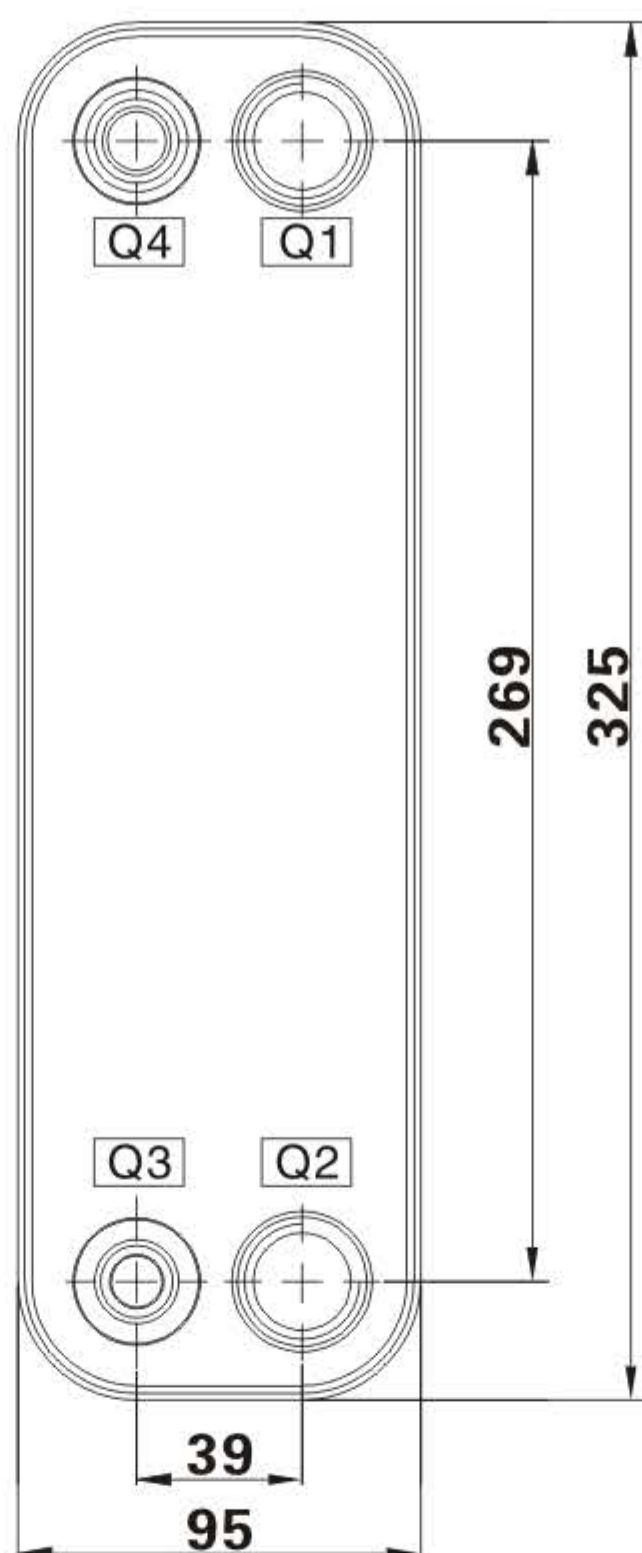
型号	板片数		重量(kg)	流道容积 (L)	Q1Q2侧	Q3Q4侧	换热面积(m ²)
Model	Number of plates	A(mm)	Weight	Hold-up volume	Q1Q2	Q3Q4	Heat exchange area
B3-028	n	9+2.3n	1.3+0.09n	0.05Xn/2	0.05X(n-2)/2		(n-2)X0.028

技术参数 Products Description

设计压力	Design Pressure	3.0MPa
		4.5MPa
试验压力	Test Pressure	4.5MPa
		6.75MPa
设计温度	Design Temperature	-196~+200℃
板片通道	Type of channels	H、L、M
最大焊接接管	Max. Welded Connection	1 3/8"
最大螺纹接管	Max. Threaded Connection	1 1/4"
最大板片数	Max. Number of Plates	150



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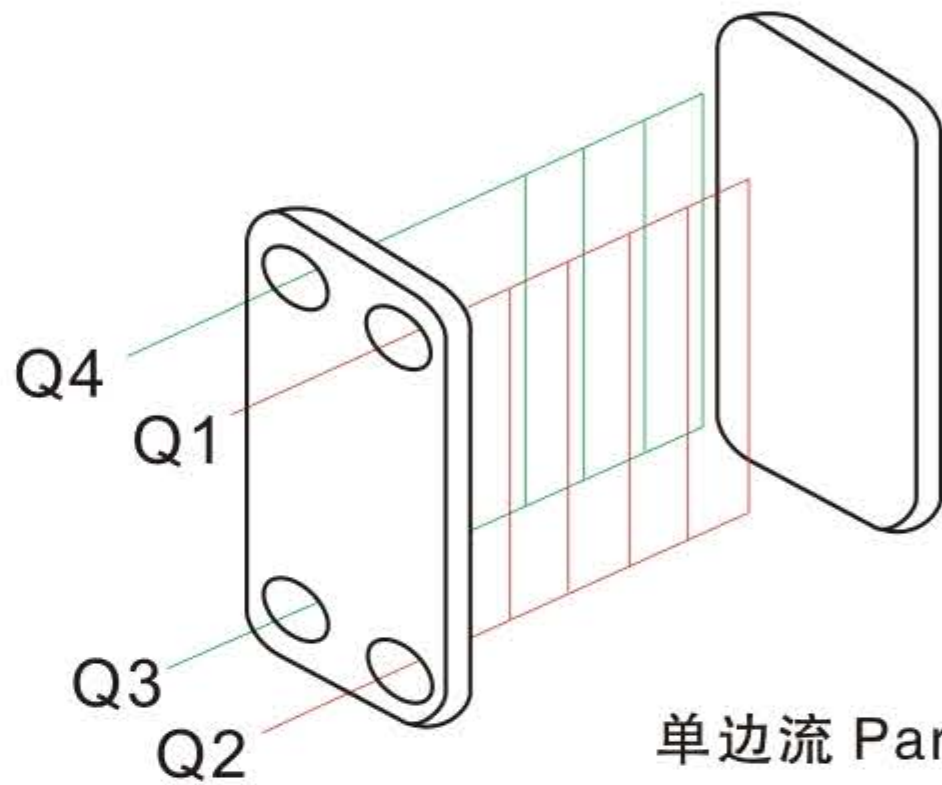


● B3-030

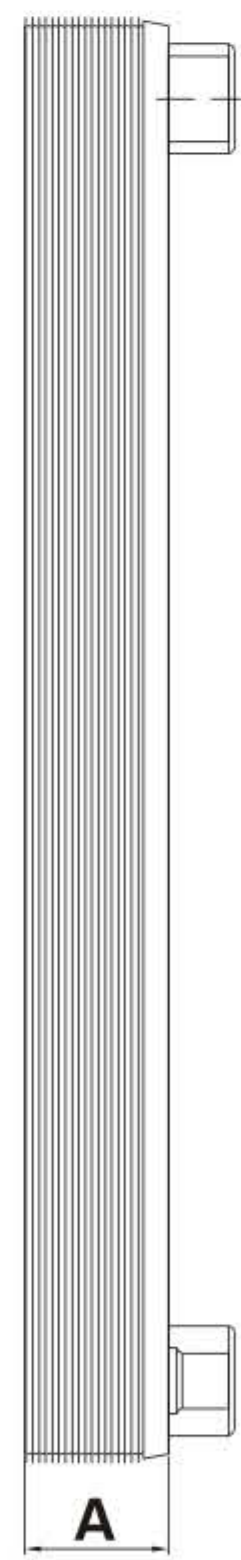
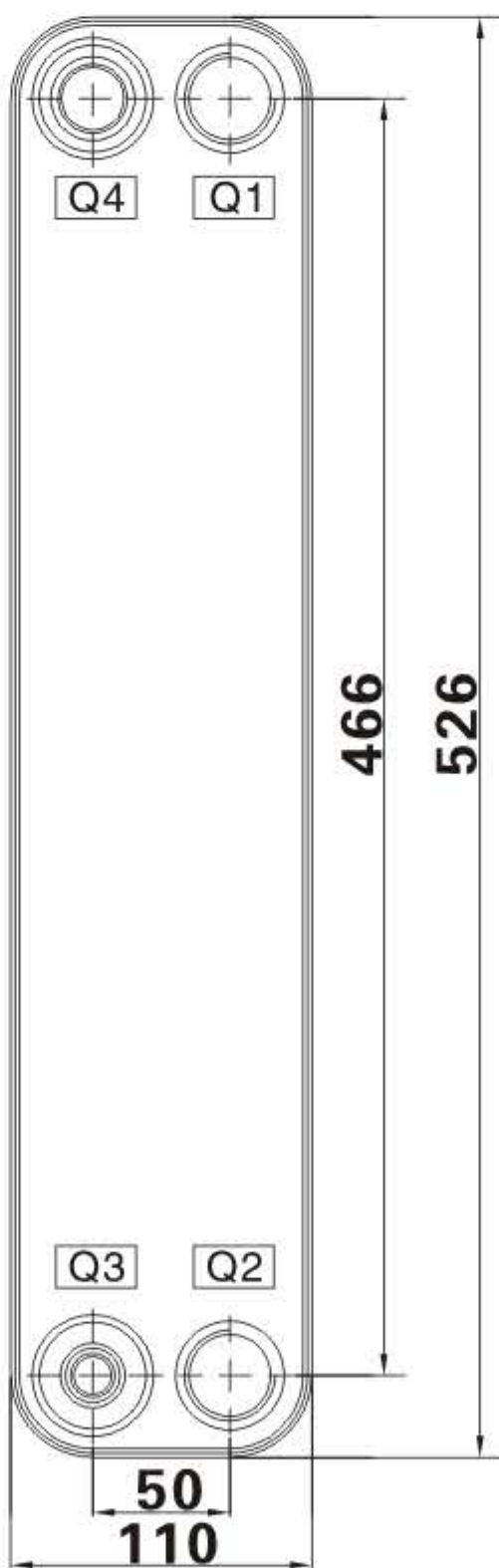
型号	板片数		重量(kg)	流道容积 (L)	Q1Q2侧	Q3Q4侧	换热面积(m²)
Model	Number of plates	A(mm)	Weight	Hold-up volume	Q1Q2	Q3Q4	Heat exchange area
B3-030	n	9+1.55n	1.0+0.09n	0.028 x n/2	0.028 x (n-2)/2		(n-2)x0.03

技术参数 Products Description

设计压力	Design Pressure	3.0MPa
		4.5MPa
试验压力	Test Pressure	4.5MPa
		6.75MPa
设计温度	Design Temperature	-196~+200℃
板片通道	Type of Channels	H
最大焊接接管	Max. Welded Connection	1 1/8"
最大螺纹接管	Max. Threaded Connection	1"
最大板片数	Max. Number of Plates	150



单边流 Parallel flow

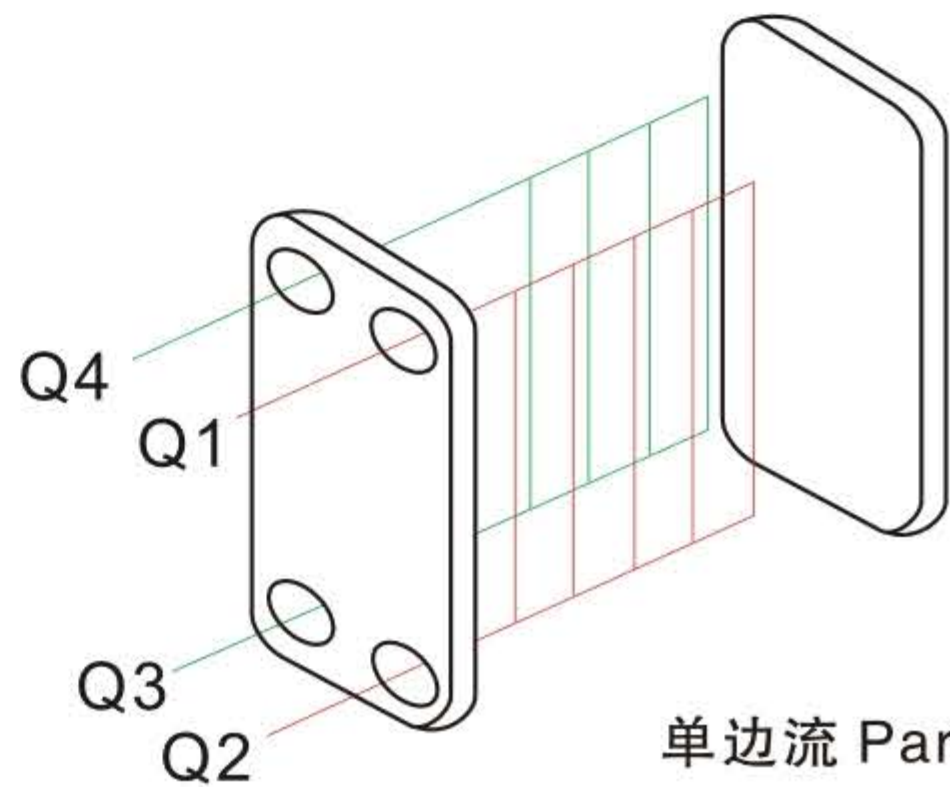


● B3-052

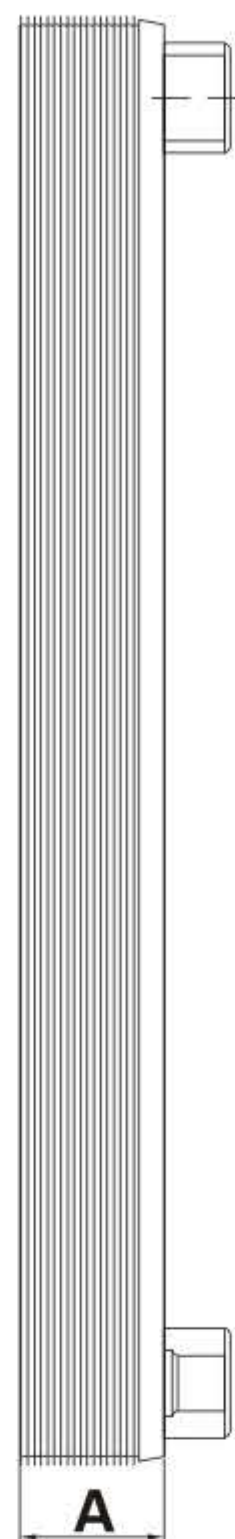
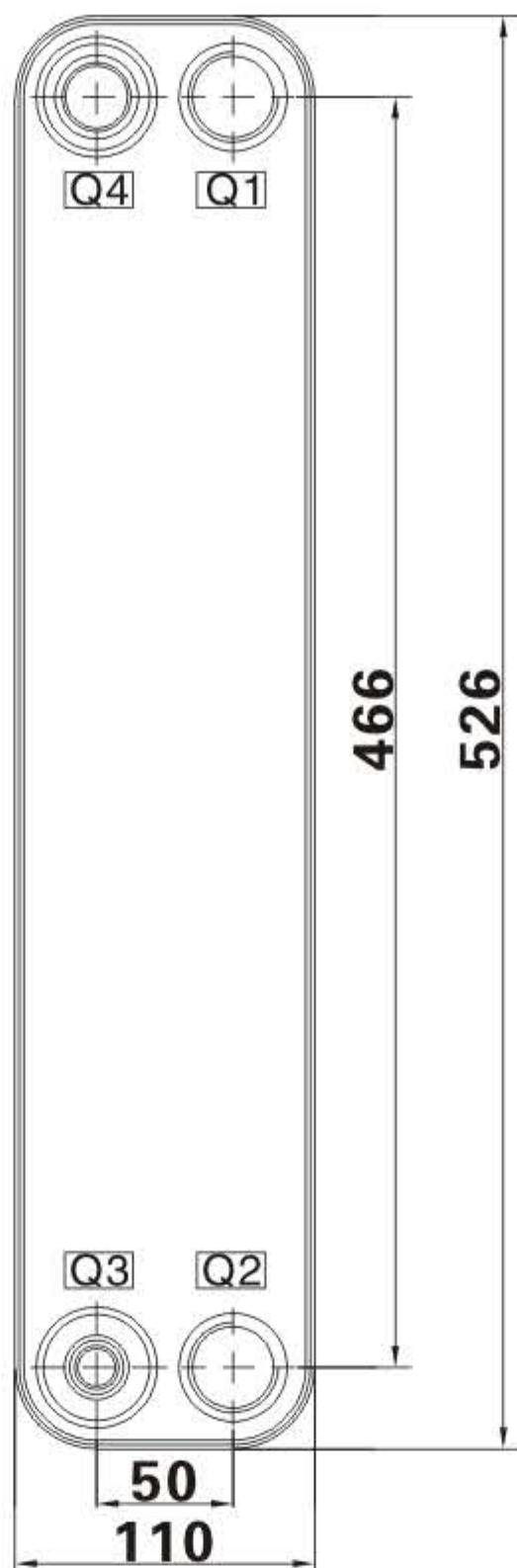
型号	板片数		重量(kg)	流道容积 (L)	Q1Q2侧	Q3Q4侧	换热面积(m²)
Model	Number of plates	A(mm)	Weight	Hold-up volume	Q1Q2	Q3Q4	Heat exchange area
B3-052	n	9+2.4n	2.1+0.21n	0.095Xn/2	0.095X(n-2)/2		(n-2)X0.052

技术参数 Products Description

设计压力	Design Pressure	3.0MPa
		4.5MPa
试验压力	Test Pressure	4.5MPa
		6.75MPa
设计温度	Design Temperature	-196~+200℃
板片通道	Type of Channels	H
最大焊接接管	Max. Welded Connection	1 3/8"
最大螺纹接管	Max. Threaded Connection	1 1/4"
最大板片数	Max. Number of Plates	150



单边流 Parallel flow

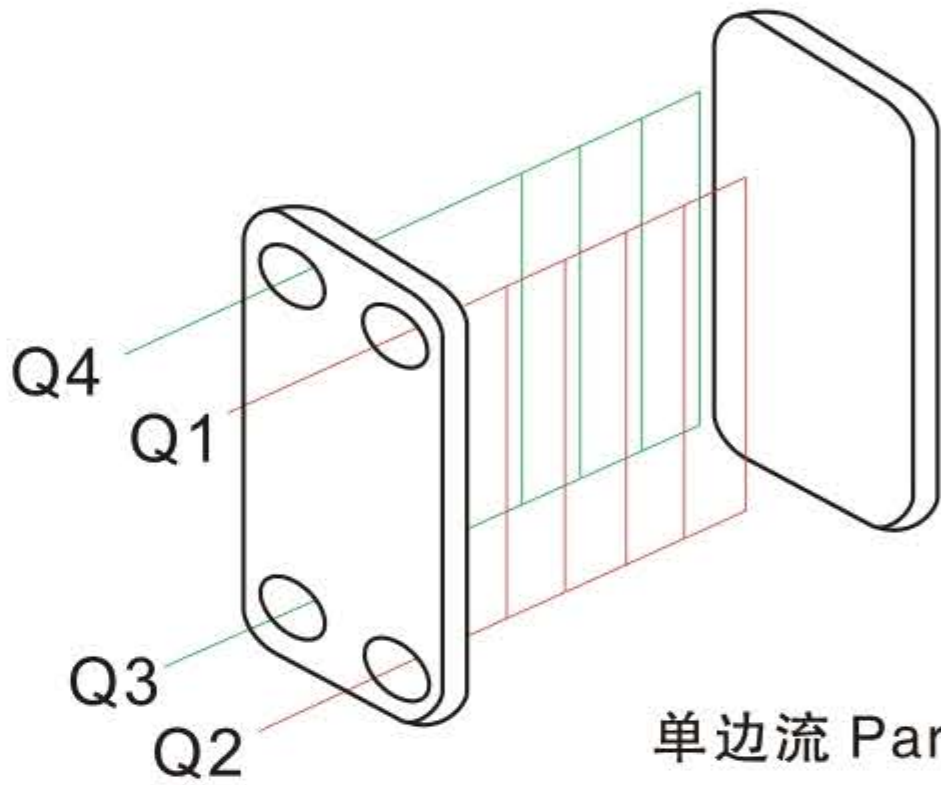


● B3-055

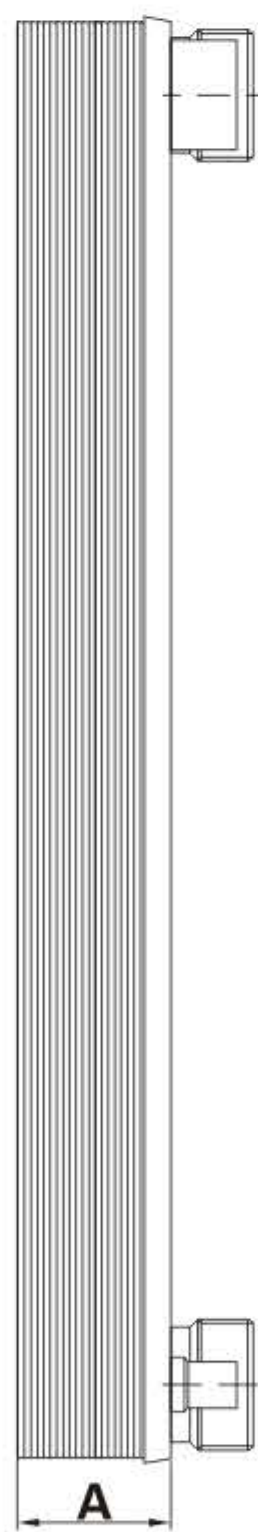
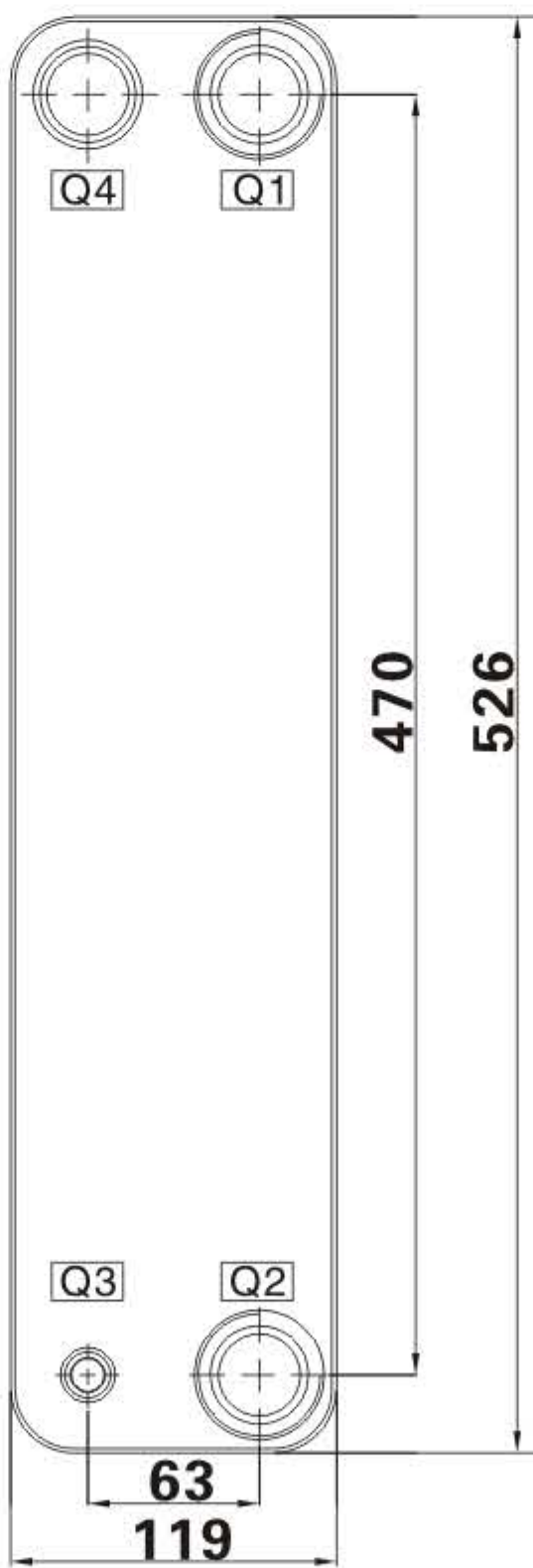
型号	板片数		重量(kg)	流道容积 (L)	Q1Q2侧	Q3Q4侧	换热面积(m ²)
Model	Number of plates	A(mm)	Weight	Hold-up volume	Q1Q2	Q3Q4	Heat exchange area
B3-055	n	9+2.3n	2.1+0.16n	0.095 x n/2	0.095 x (n-2)/2		(n-2)x0.055

技术参数 Products Description

设计压力	Design Pressure	3.0MPa
		4.5MPa
试验压力	Test Pressure	4.5MPa
		6.75MPa
设计温度	Design Temperature	-196~+200℃
板片通道	Type of Channels	H、L、M
最大焊接接管	Max. Welded Connection	1 3/8"
最大螺纹接管	Max. Threaded Connection	1 1/4"
最大板片数	Max. Number of Plates	150



单边流 Parallel flow

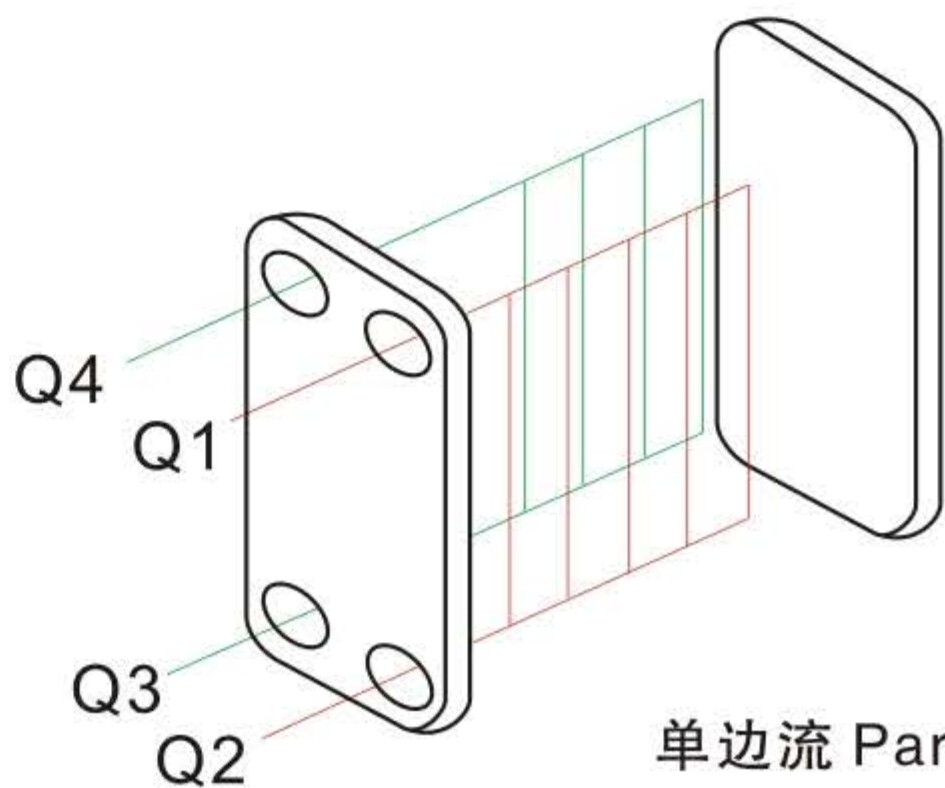


● B3-060

型号	板片数		重量(kg)	流道容积 (L)	Q1Q2侧	Q3Q4侧	换热面积(m ²)
Model	Number of plates	A(mm)	Weight	Hold-up volume	Q1Q2	Q3Q4	Heat exchange area
B3-060	n	9+2.3n	2.4+0.17n	0.111Xn/2	0.111X(n-2)/2		(n-2)X0.06

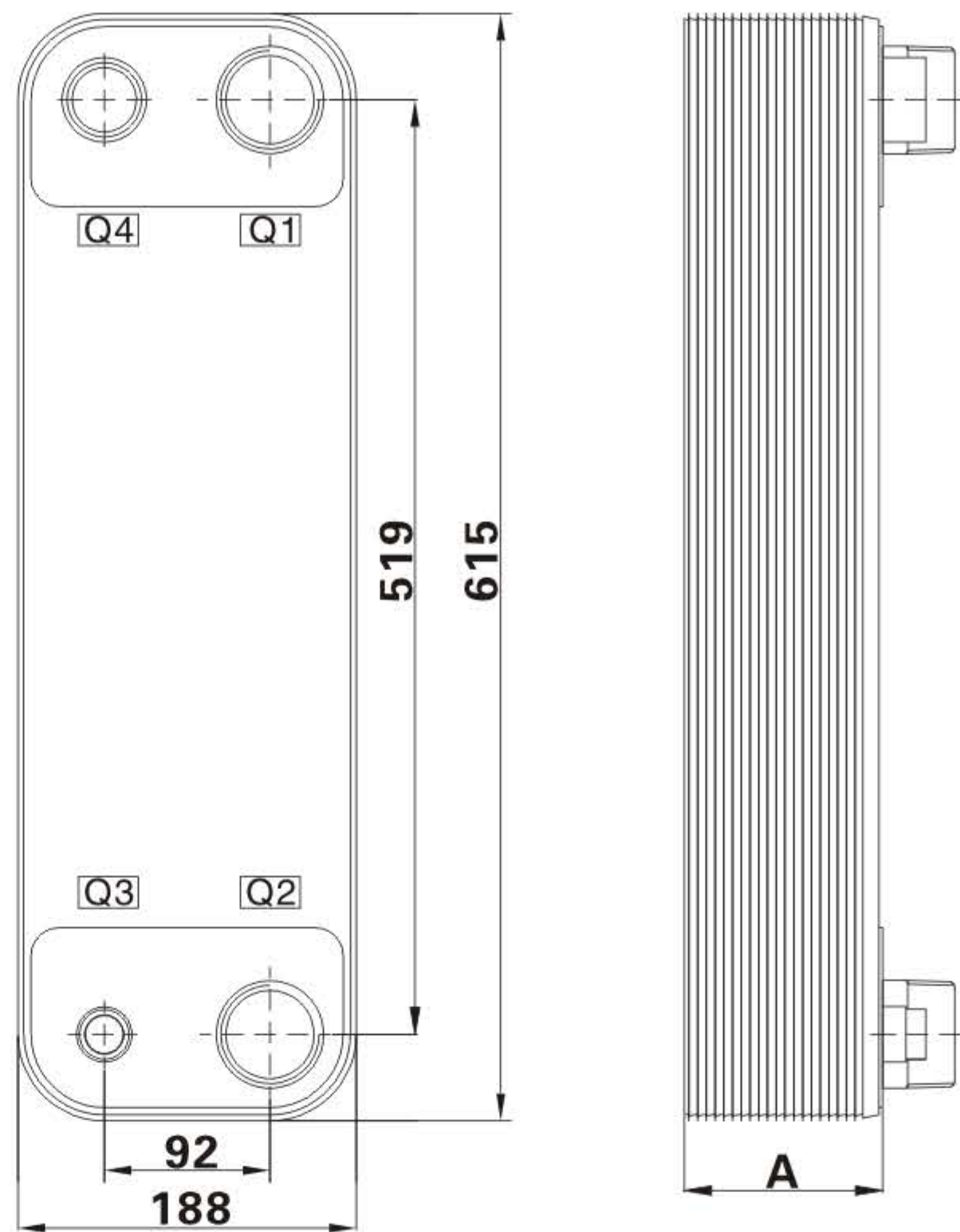
技术参数 Products Description

设计压力	Design Pressure	3.0MPa
		4.5MPa
试验压力	Test Pressure	4.5MPa
		6.75MPa
设计温度	Design Temperature	-196~+200℃
板片通道	Type of Channels	H
最大焊接接管	Max. Welded Connection	1 5/8"
最大螺纹接管	Max. Threaded Connection	1 1/2"
最大板片数	Max. Number of Plates	150



单边流 Parallel flow

圣松钎焊板式换热器
Brazed Plate Heat Exchanger

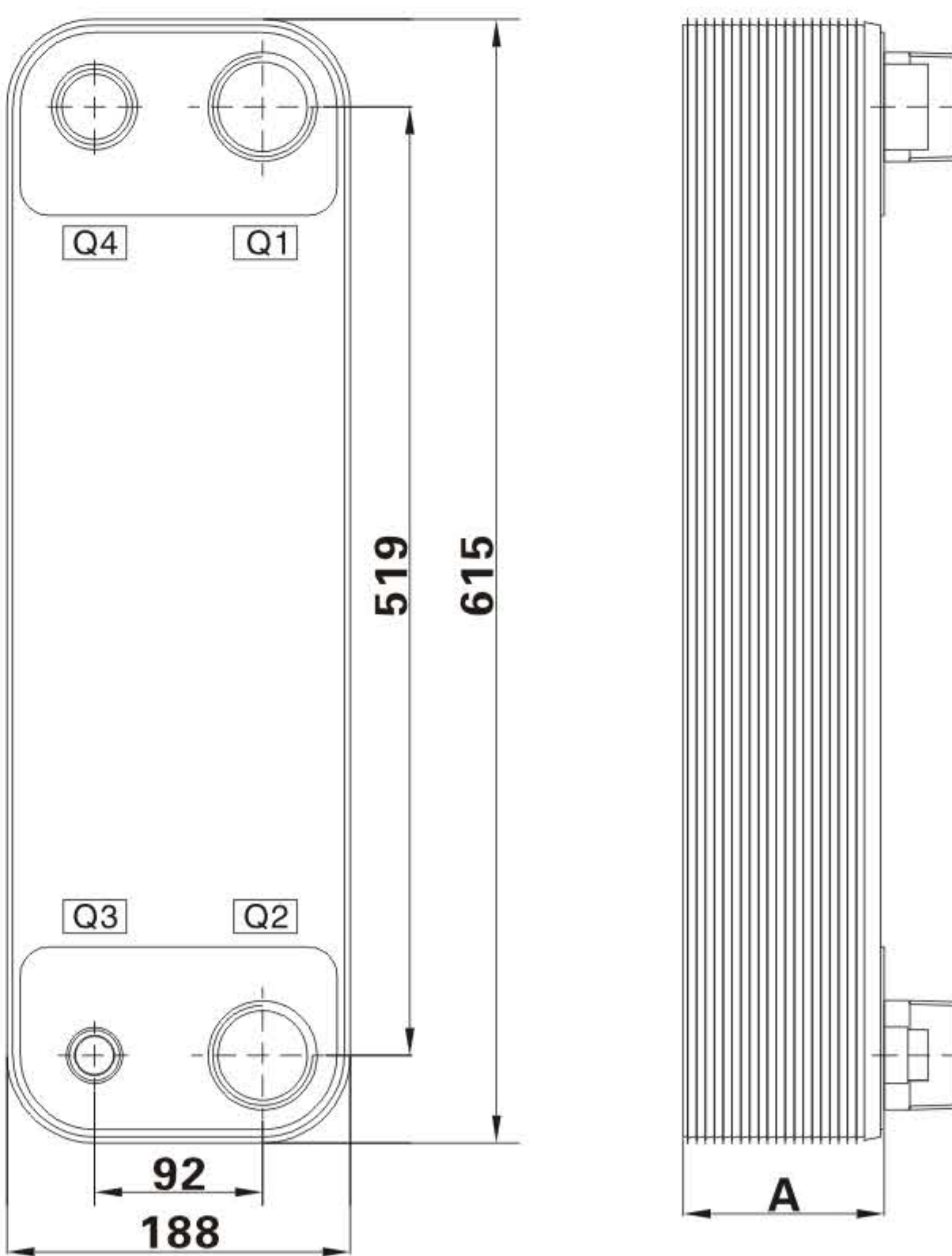
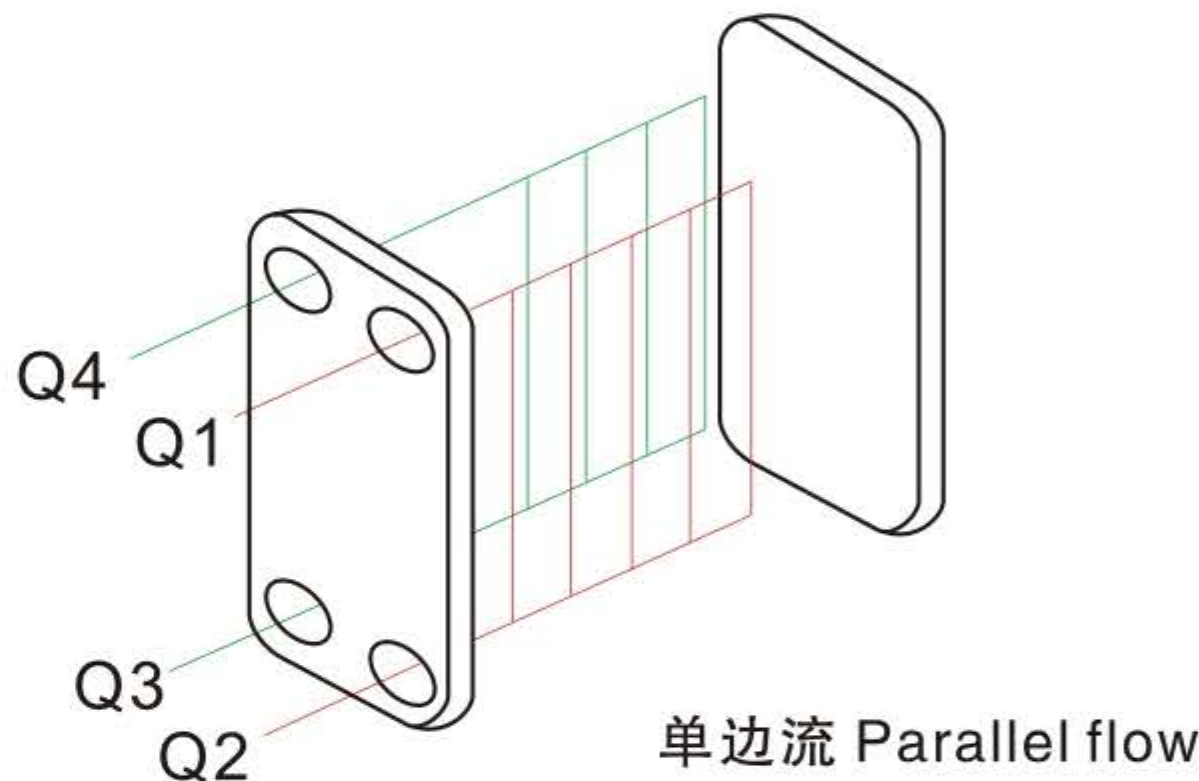


● B3-095

型号	板片数		重量(kg)	流道容积 (L)	Q1Q2侧	Q3Q4侧	换热面积(m²)
Model	Number of plates	A(mm)	Weight	Hold-up volume	Q1Q2	Q3Q4	Heat exchange area
B3-095	n	11+2.4n	5.2+0.41n	0.21Xn/2	0.21X(n-2)/2		(n-2)X0.095

技术参数 Products Description

设计压力	Design Pressure	3.0MPa
		4.5MPa
试验压力	Test Pressure	4.5MPa
		6.75MPa
设计温度	Design Temperature	-196~+200℃
板片通道	Type of Channels	H、L、M
最大焊接接管	Max. Welded Connection	2 1/8"
最大螺纹接管	Max. Threaded Connection	2 "
最大板片数	Max. Number of Plates	250

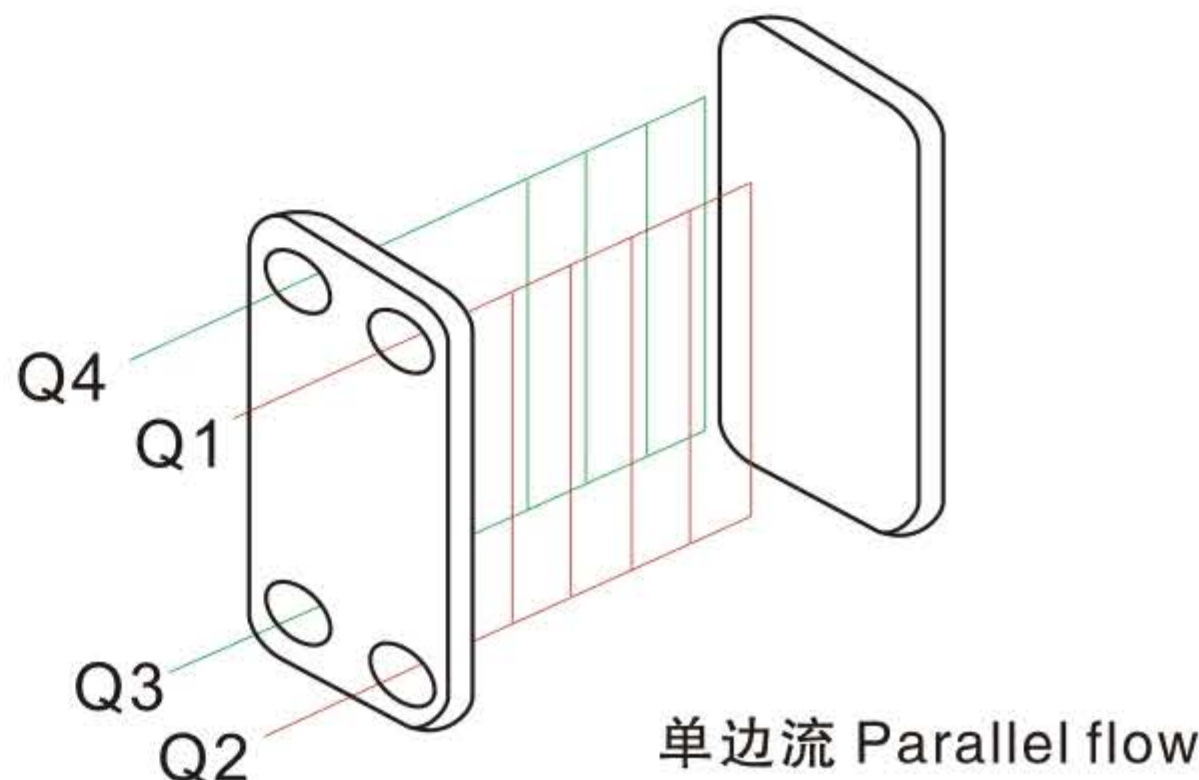


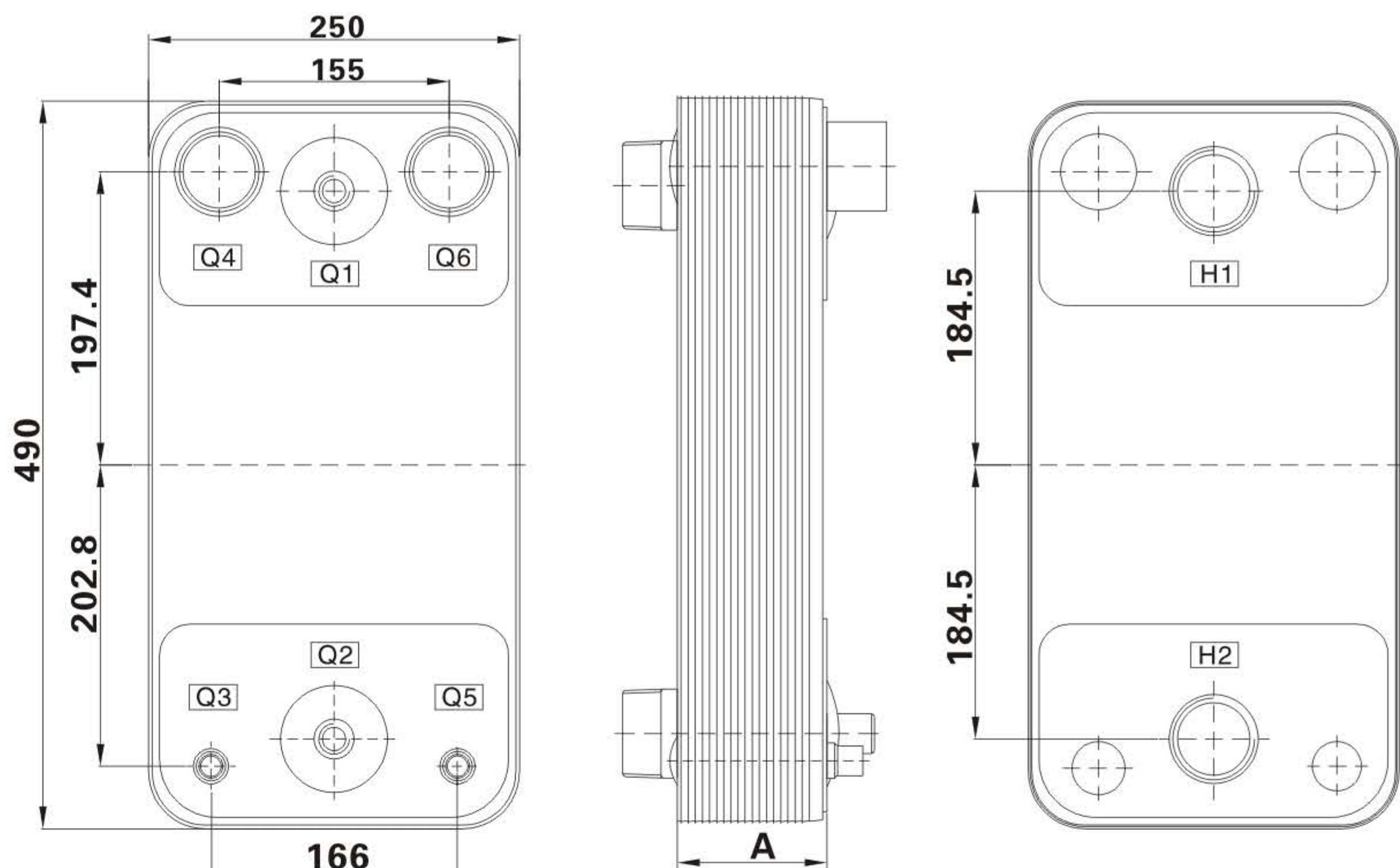
● B3-110

型号	板片数		重量(kg)	流道容积 (L)	Q1Q2侧	Q3Q4侧	换热面积(m²)
Model	Number of plates	A(mm)	Weight	Hold-up volume	Q1Q2	Q3Q4	Heat exchange area
B3-110	n	11+2.3n	5.2+0.32n	0.21Xn/2	0.21X(n-2)/2		(n-2)X0.11

技术参数 Products Description

设计压力	Design Pressure	3.0MPa
		4.5MPa
试验压力	Test Pressure	4.5MPa
		6.75MPa
设计温度	Design Temperature	-196~+200℃
板片通道	Type of Channels	H、L、M
最大焊接接管	Max. Welded Connection	2 1/8"
最大螺纹接管	Max. Threaded Connection	2 "
最大板片数	Max. Number of Plates	250



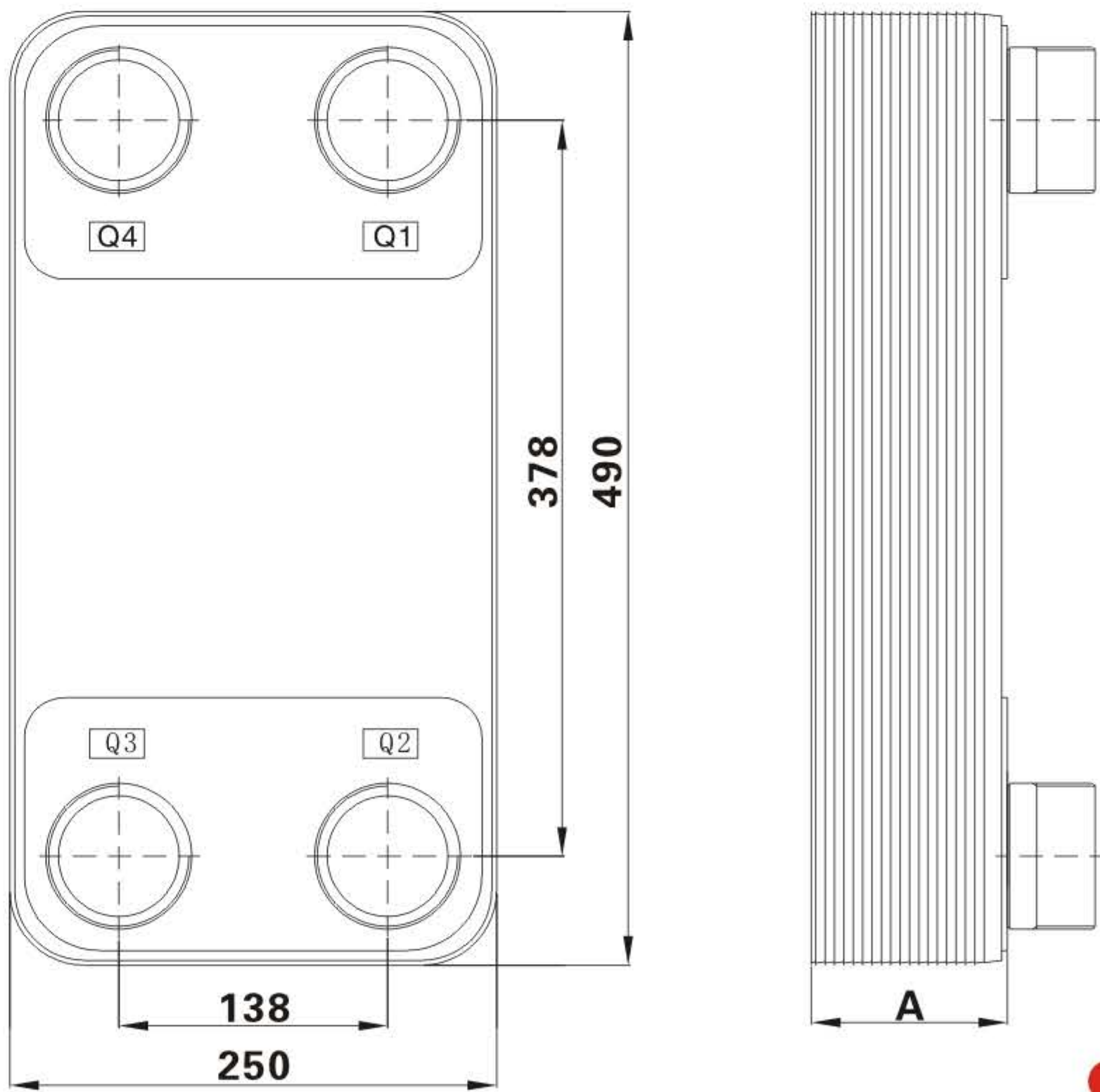
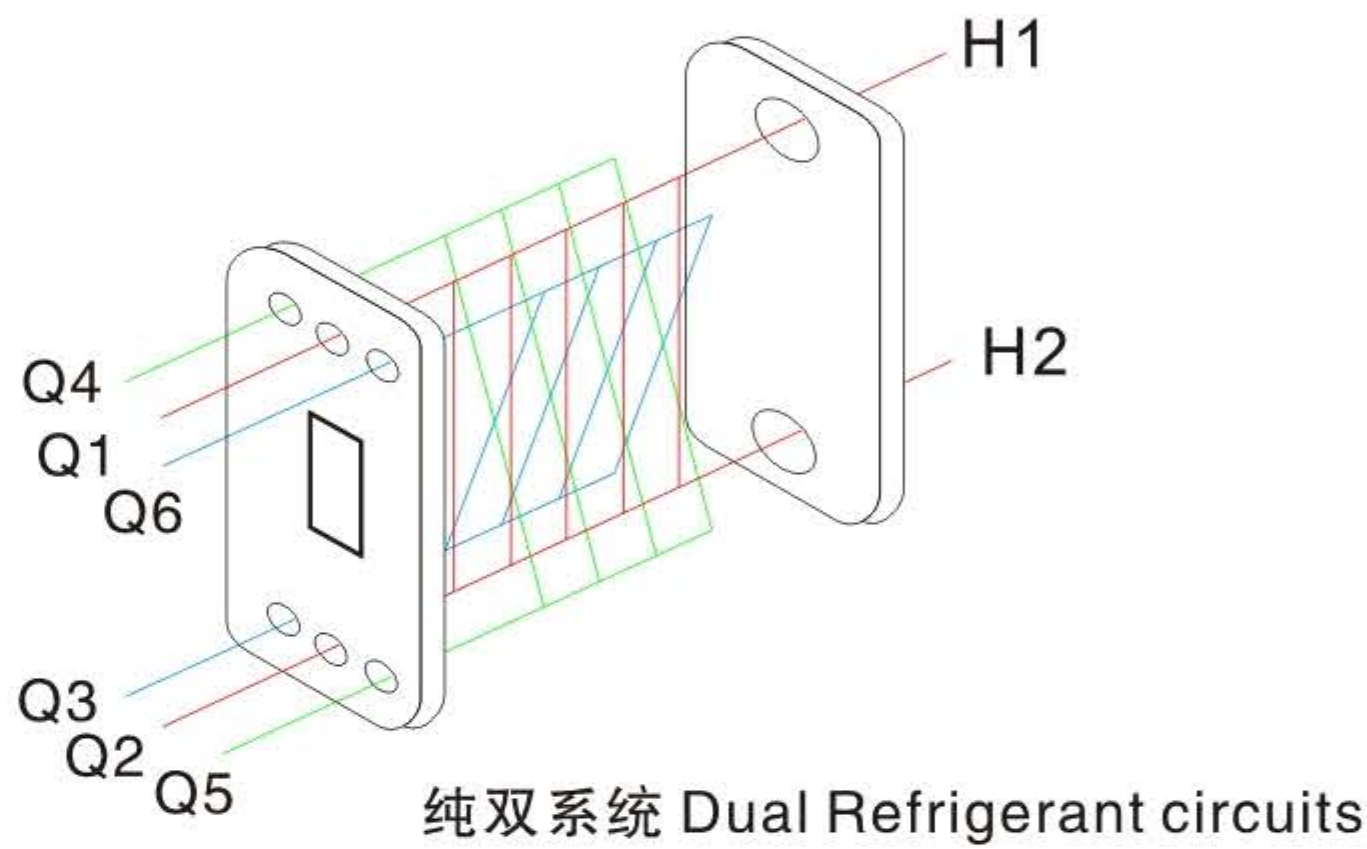


● B3-117

型号	板片数		重量(kg)	流道容积(L)	Q1Q2侧	Q3Q6=Q4Q5侧	换热面积(m ²)
Model	Number of plates	A(mm)	Weight	Hold-up volume	Q1Q2	Q3Q6=Q4Q5	Heat exchange area
B3-117	n	11+2.2n	6.5+0.4n	0.192 × n/2	0.192 × (n-2)/2		(n-2)X0.117

技术参数 Products Description

设计压力	Design Pressure	3.0MPa
		4.5MPa
试验压力	Test Pressure	4.5MPa
		6.75MPa
设计温度	Design Temperature	-196~+200℃
板片通道	Type of Channels	H
最大焊接接管	Max. Welded Connection	2 5/8"
最大螺纹接管	Max. Threaded Connection	2 1/2"
最大板片数	Max. Number of Plates	250

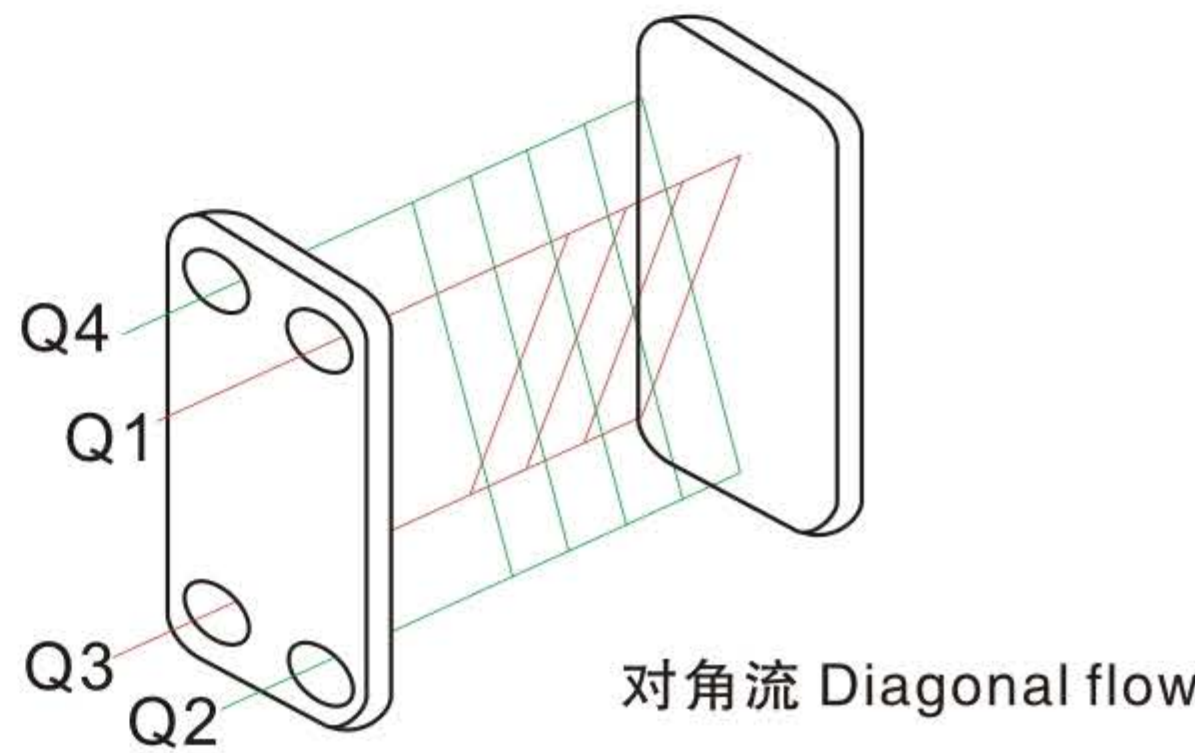


● B3-136

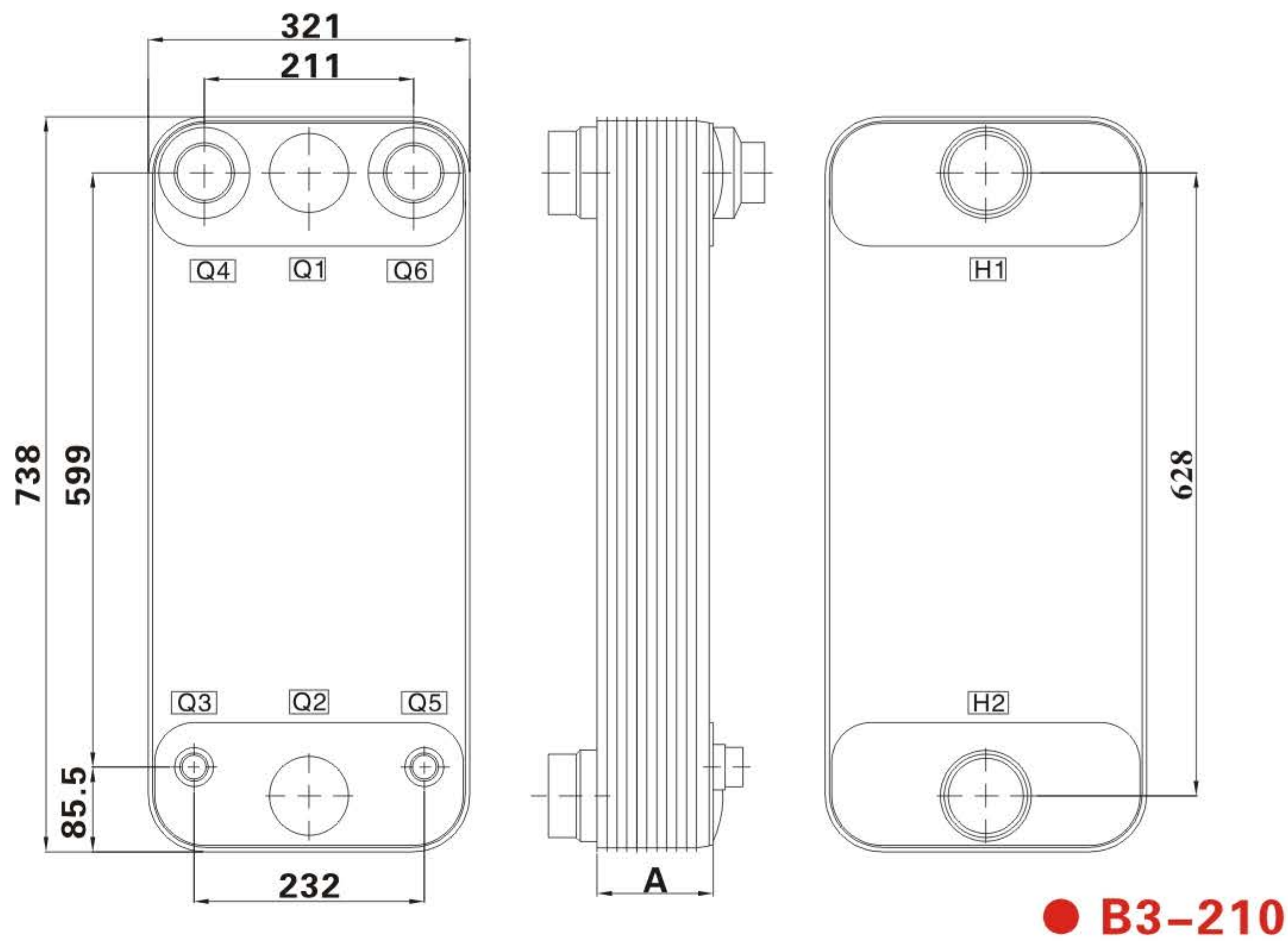
型号	板片数		重量(kg)	流道容积 (L)	Q1Q3侧	Q2Q4侧	换热面积(m ²)
Model	Number of plates	A(mm)	Weight	Hold-up volume	Q1Q3	Q2Q4	Heat exchange area
B3-136	n	11+2.85n	6.5+0.4n	0.25Xn/2	0.25X(n-2)/2		(n-2)X0.136

技术参数 Products Description

设计压力	Design Pressure	3.0MPa
		4.5MPa
试验压力	Test Pressure	4.5MPa
		6.75MPa
设计温度	Design Temperature	-196~+200℃
板片通道	Type of Channels	H、L、M
最大焊接接管	Max. Welded Connection	3 1/8"
最大螺纹接管	Max. Threaded Connection	3 "
最大板片数	Max. Number of Plates	250



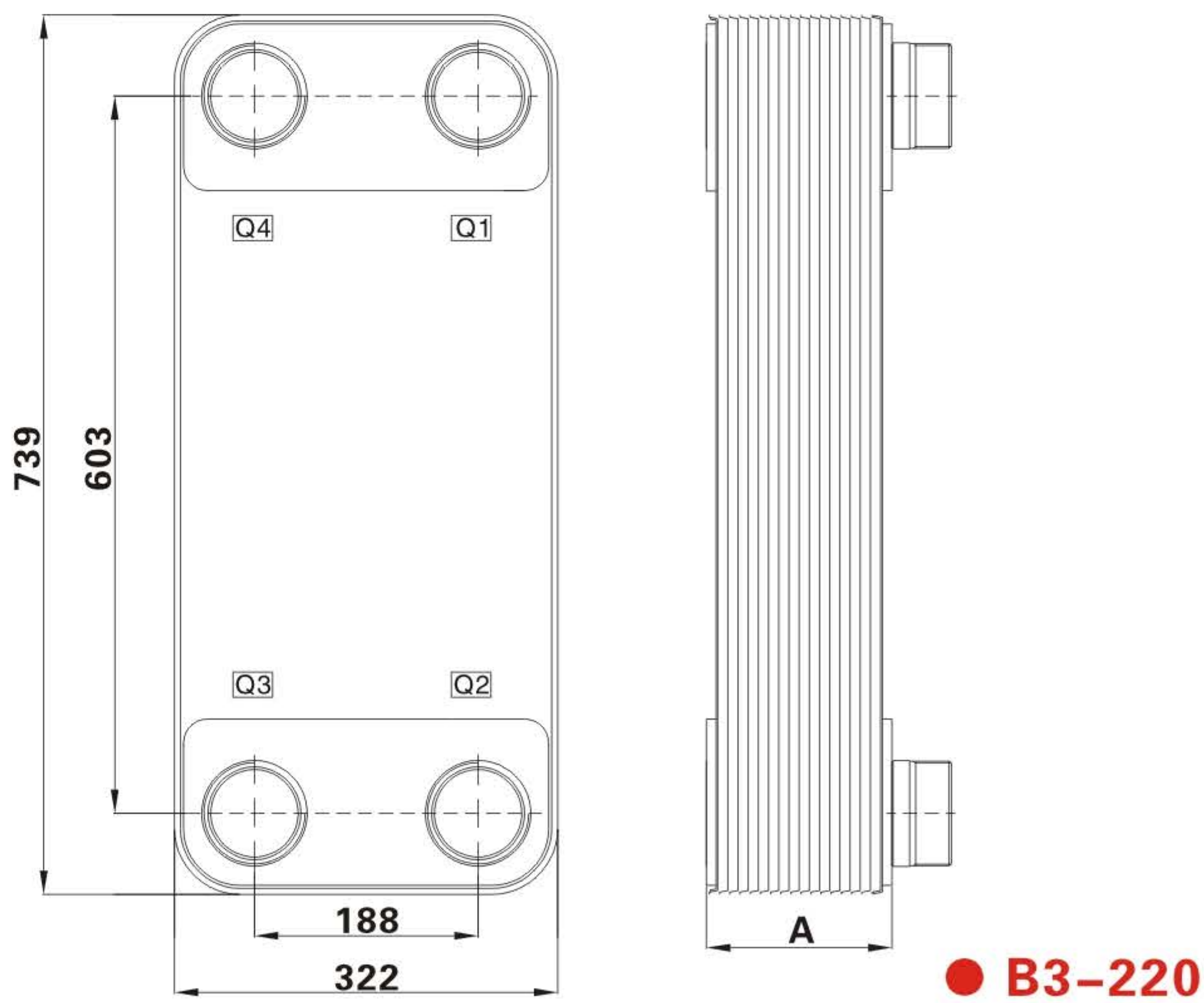
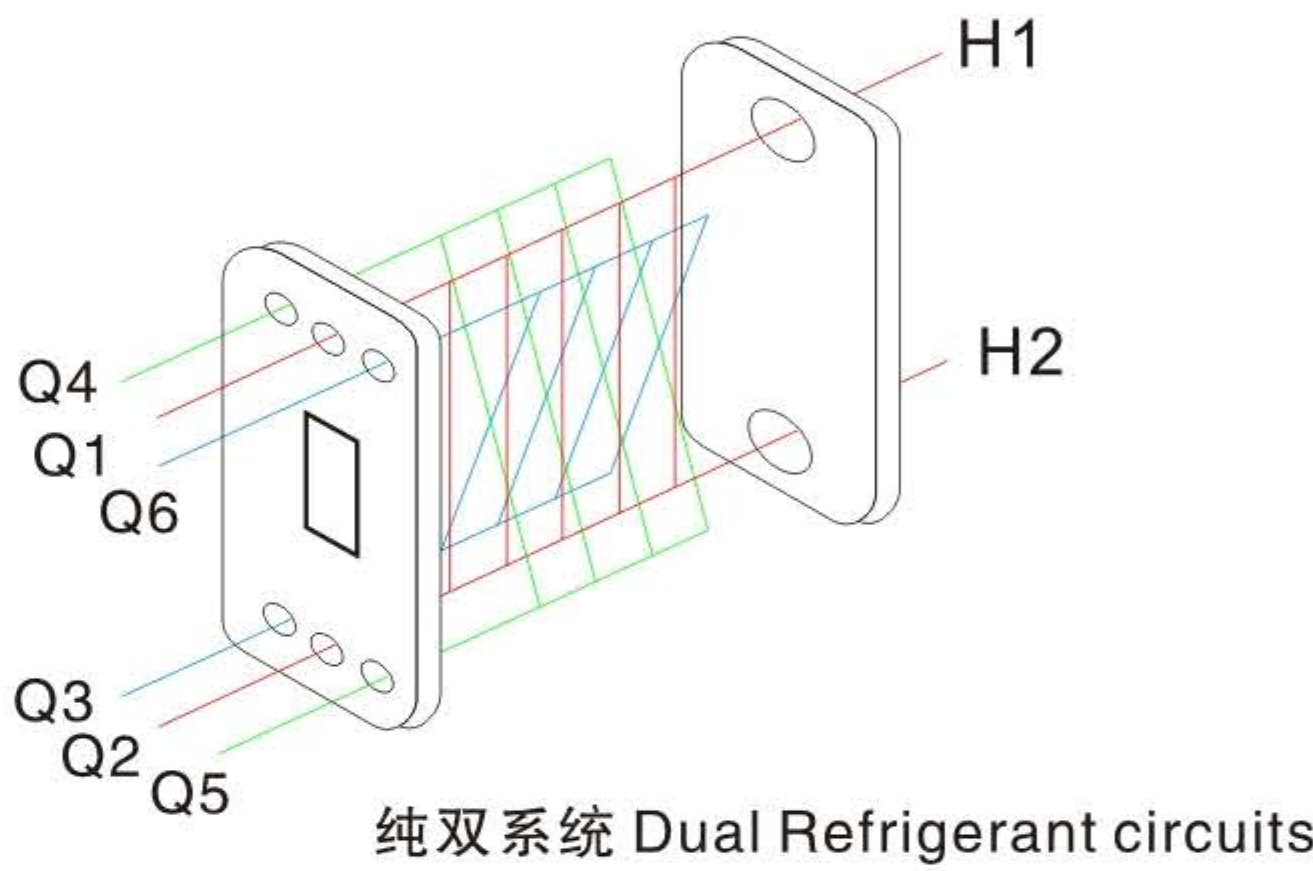
圣松钎焊板式换热器
Brazed Plate Heat Exchanger



型号	板片数		重量(kg)	流道容积(L) Q1Q2侧	Q3Q6=Q4Q5侧	换热面积(m ²)
Model	Number of plates	A(mm)	Weight	Hold-up volume Q1Q2	Q3Q6=Q4Q5	Heat exchange area
B3-210	n	13+2.85n	13+0.82n	0.4 × n/2	0.4 × (n-2)/2	(n-2)X0.21

技术参数 Products Description

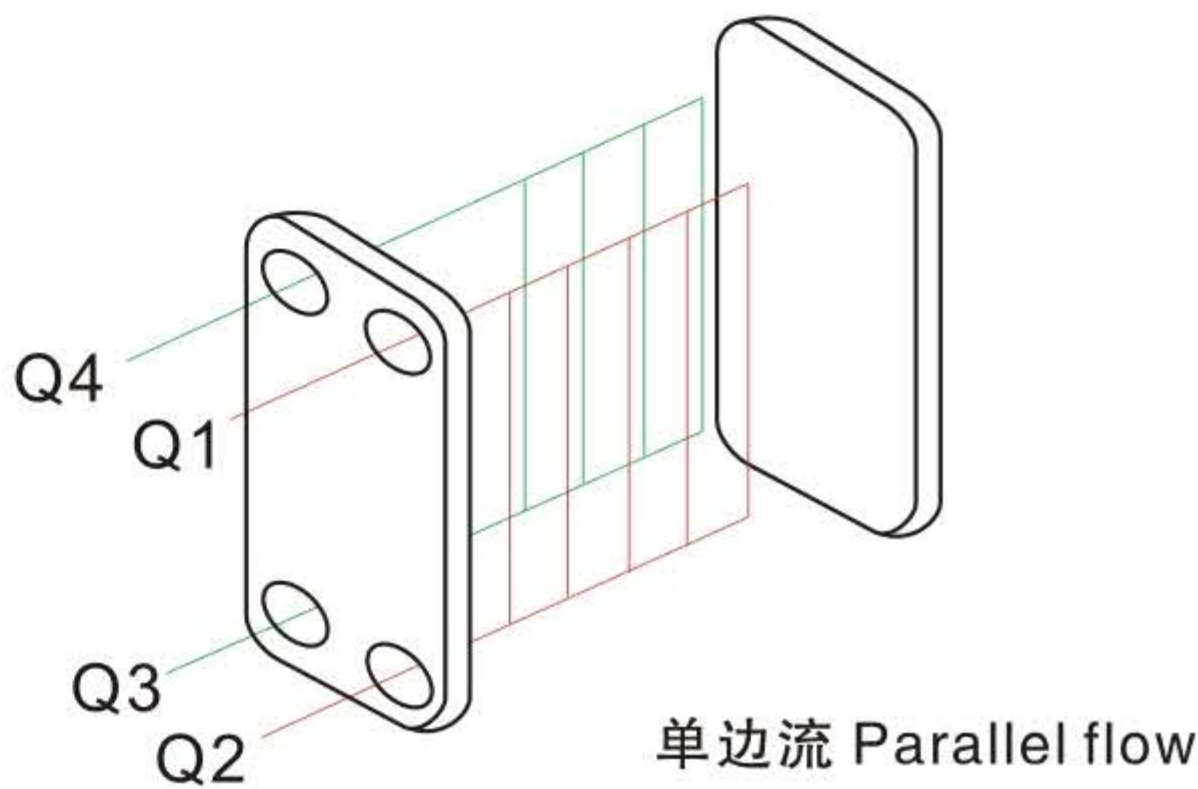
设计压力	Design Pressure	3.0MPa
		4.5MPa
试验压力	Test Pressure	4.5MPa
		6.75MPa
设计温度	Design Temperature	-196~+200℃
板片通道	Type of Channels	H
最大焊接接管	Max. Welded Connection	3 1/8"
最大卡箍接管	Max. Victaulic Connection	3 1/8"
最大板片数	Max. Number of Plates	250



型号	板片数		重量(kg)	流道容积 (L) Q1Q2侧	Q3Q4侧	换热面积(m ²)
Model	Number of plates	A(mm)	Weight	Hold-up volume Q1Q2	Q3Q4	Heat exchange area
B3-220	n	13+2.85n	13+0.82n	0.4Xn/2	0.4X(n-2)/2	(n-2)X0.22

技术参数 Products Description

设计压力	Design Pressure	2.0MPa
		3.0MPa
试验压力	Test Pressure	3.0MPa
		4.5MPa
设计温度	Design Temperature	-196~+200℃
板片通道	Type of Channels	H
最大焊接接管	Max. Welded Connection	3 1/8"
最大卡箍接管	Max. Victaulic Connection	4"
最大板片数	Max. Number of Plates	250





配件/Accessory

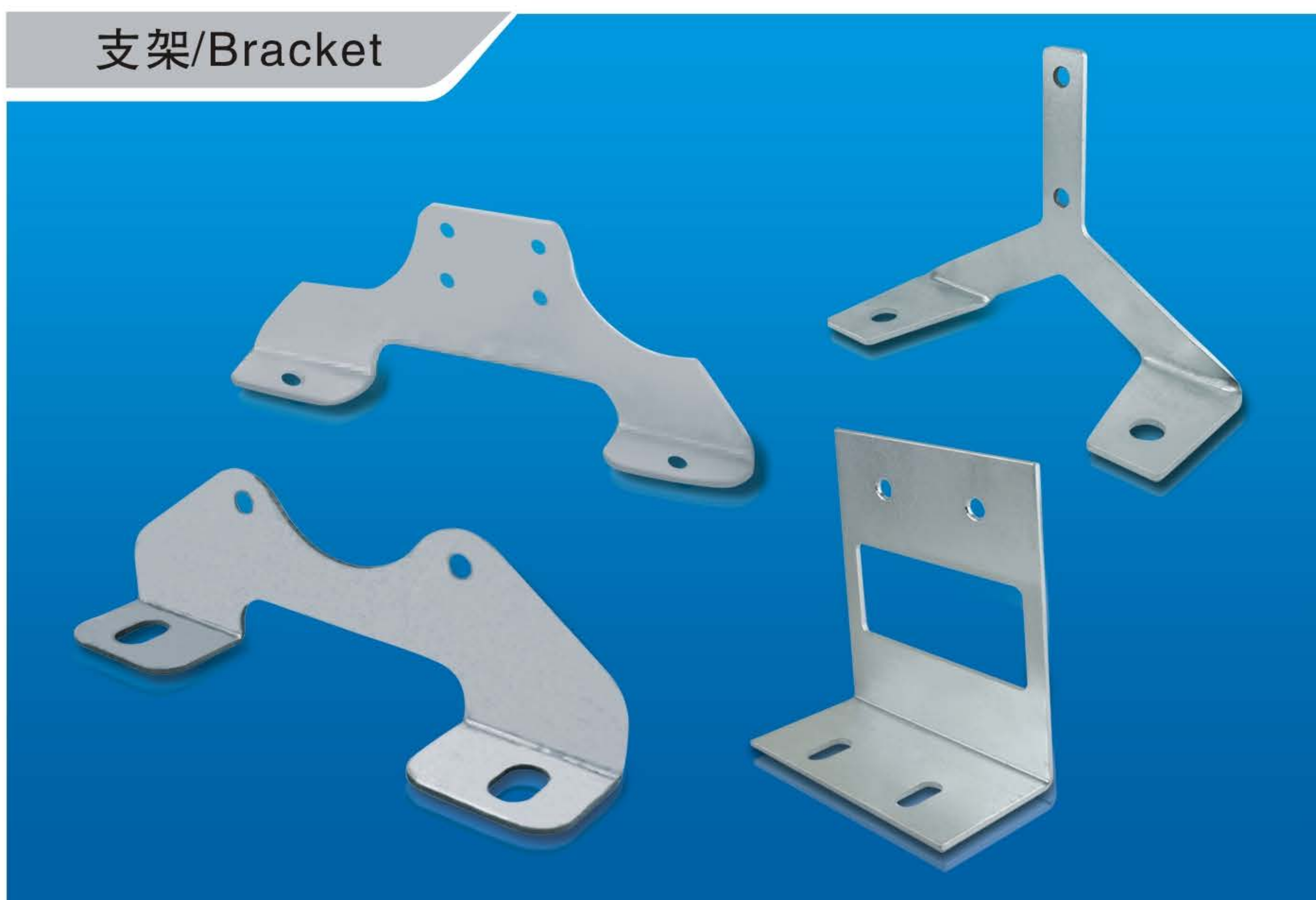
吊环/Ring



螺柱/Bolts



支架/Bracket



法兰/Flange



我们根据客户提供的工况进行选型设计。
我们需要您提供以下数据：
Our selection of design is according to the working condition from customers .
We need to know the below information:

单相应用 Phase application		换热量 _____KW Heat Load	
一侧 Hot side	介质（ Fluid ）：		
	进口温度： Inlet temperature		℃
	出口温度： Outlet temperature		℃
	流量： Volume flowrate		L/min
	最大允许压降： Max. Pressure drop		Kpa
二侧 Cold side	介质（ Fluid ）：		
	进口温度： Inlet temperature		℃
	出口温度： Outlet temperature		℃
	流量： Volume flowrate		L/min
	最大允许压降： Max. Pressure drop		Kpa

蒸发器及经济器应用 Evaporator or Economizer			换热量 _____KW Heat Load				
一侧 (蒸发介质) Evaporation medium	介质 (Fluid) :			二侧 (被冷却的介质) Hot side	介质 (Fluid) :		
	蒸发 (露点) 温度: Dew point		℃		进口温度: Inlet temperature		℃
	过热度: Superheating		℃		出口温度: Outlet temperature		℃
	流量: Volume flowrate		L/min		流量: Volume flowrate		L/min
	最大允许压降: Max. Pressure drop		Kpa		最大允许压降: Max. Pressure drop		Kpa

冷凝器及余热回收应用 Condenser or Desuperheator			换热量 _____KW Heat Load				
一次侧 (冷凝介质) Condensed Medium	介质（ Fluid ）：			二次侧 (被加热的介质) Cold side	介质（ Fluid ）：		
	热气体进口温度： Inlet temperature		℃		进口温度： Inlet temperature		℃
	冷凝温度： Tc		℃		出口温度： Outlet temperature		℃
	过冷度： Subcool		K		流量： Volume flowrate		L/min
	流量： Volume flow rate		L/min		最大允许压降： Max. Pressure drop		Kpa

如有特殊要求，请咨询。If you have special requirements, please contact with us.

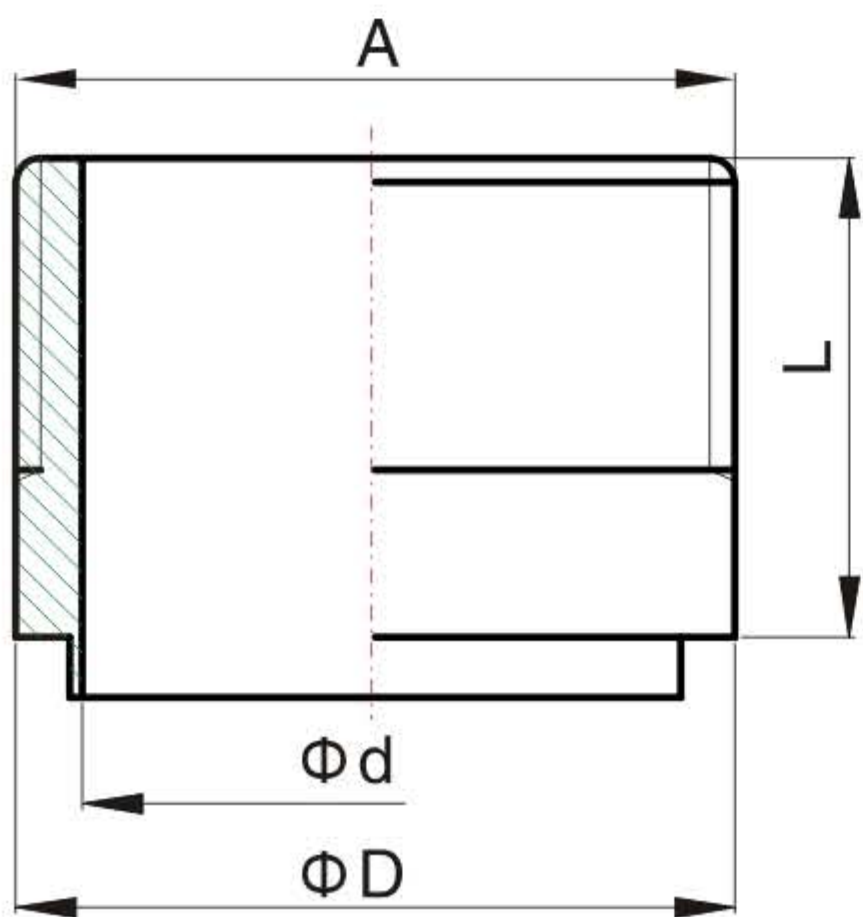


● 外螺纹接管/External threaded connections

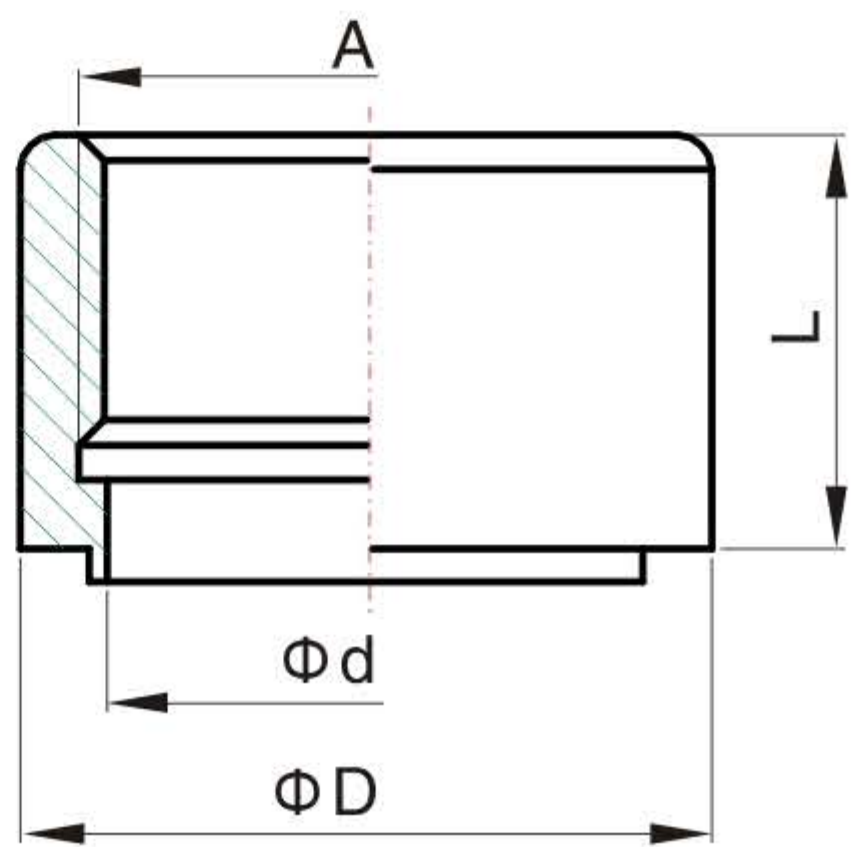
螺纹标准 Thread standard	接管规格(A) Spec	外径(D) OD(mm)	内径(d) ID(mm)	高度(L) Height (mm)	B3-012 B3-014 B3-014B B3-014D B3-022	B3-014C B3-015 B3-016	B3-030	B3-027 B3-028 B3-052 B3-055	B3-060	B3-095 B3-110	B3-117	B3-136	B3-210 B3-220
BSP	G 1/2	21	12	17	√	√	√	√	√				
	G 3/4	26.5	16	17	√	√		√	√				
	G 3/4	26.5	16	20	√	√							
	G 3/4	26.5	16	24			√	√	√				
	G 1	33.5	23	24		√	√	√	√	√			
	G 1 1/4"	42	30	24				√	√	√			
	G 1 1/2"	47.8	30	30				√	√				
	G 1 1/2"	47.8	36	30						√	√	√	
	G 2	60	49	40						√	√	√	√
	G 2 1/2"	75	62	45							√	√	√
	G 3	89	78	50								√	√
DIN	R 1/2	21	12	17	√	√	√	√	√				
	R 3/4	26.5	16	17	√	√		√	√				
	R 3/4	26.5	16	20	√	√							
	R 3/4	26.5	16	24			√	√	√				
	R 1	33.5	23	24		√	√	√	√	√			
	R 1 1/4"	42	30	24				√	√	√			
	R 1 1/2"	47.8	30	30				√	√				
	R 1 1/2"	48	36	30						√	√	√	
	R 2	60	49	40						√	√	√	√
	R 2 1/2"	75	62	45							√	√	√
	R 3	89	78	50								√	√
NPT	NPT 1/2	21	15.5	17	√	√	√	√	√				
	NPT 3/4	26.5	16	20	√	√	√	√					
	NPT 1	33.5	23	24		√	√	√	√				
	NPT 1 1/4"	42	30	24				√	√				
	NPT 1 1/2"	47.8	30	30						√	√	√	
	NPT 2	60	49	40						√	√	√	√
	NPT 2 1/2"	75	62	45							√	√	√
	NPT 3	89	78	50								√	√

● 内螺纹接管/Internal threaded connections

螺纹标准 Thread standard	接管规格(A) Spec	外径(D) OD(mm)	内径(d) ID(mm)	高度(L) Height (mm)	B3-012 B3-014 B3-014B B3-014D B3-022	B3-014C B3-015 B3-016	B3-030	B3-027 B3-028 B3-052 B3-055	B3-060	B3-095 B3-110	B3-117	B3-136	B3-210 B3-220
BSP	G 1/2	27	16	24	√	√	√	√	√	√	√	√	√
	G 3/4	33	23	24		√	√	√	√	√			
	G 1	40	30	24				√	√	√			
	G 1 1/4"	48	36	24					√	√	√	√	
	G 1 1/2"	60	49	40							√	√	√
DIN	Rc 1/2	27	16	24	√	√	√	√	√	√	√	√	√
	Rc 3/4	33	23	24		√	√	√	√	√			
	Rc 1	40	30	24				√	√	√			
	Rc 1 1/4"	48	36	24					√	√	√	√	
	Rc 1 1/2"	60	49	40							√	√	√
NPT	NPT 1/2	27	16	24	√	√	√	√	√	√	√	√	√
	NPT 3/4	30	23	24			√	√	√	√			
	NPT 1	40	30	24				√	√	√			



外螺纹接管
External threaded
connections



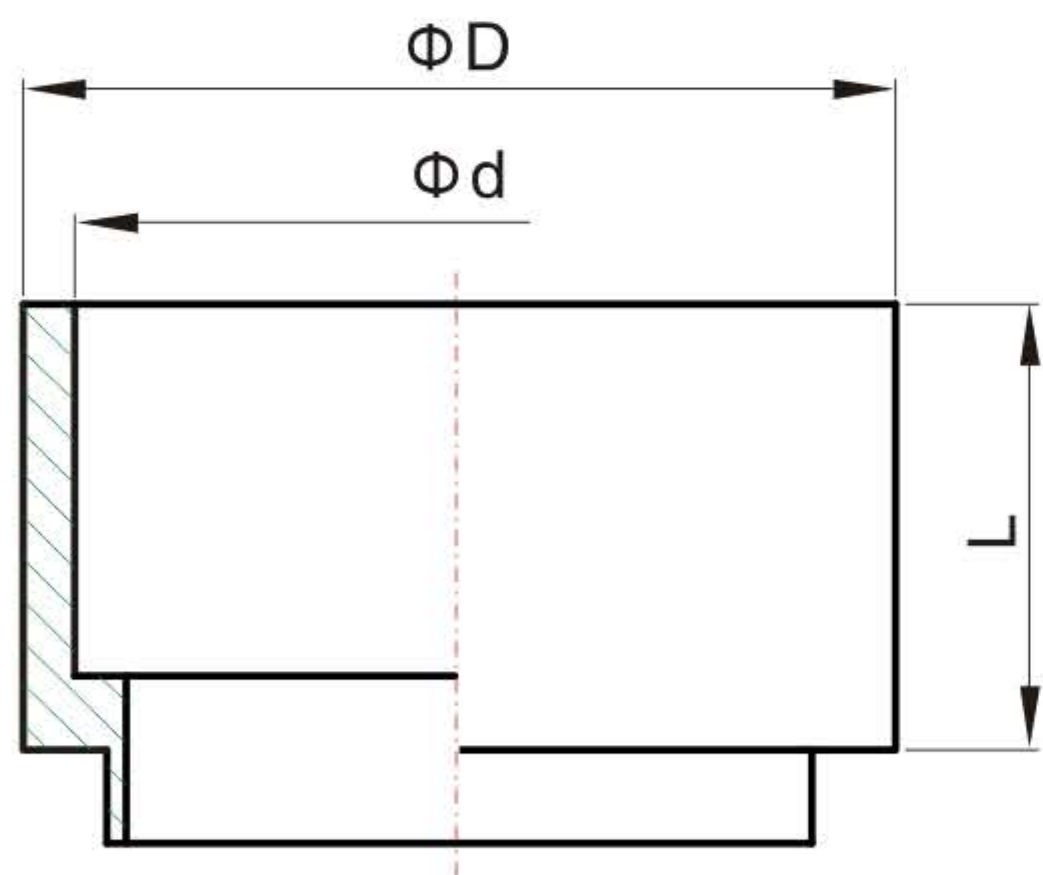
内螺纹接管
Internal threaded
connections

● 焊接接管/Welded connections

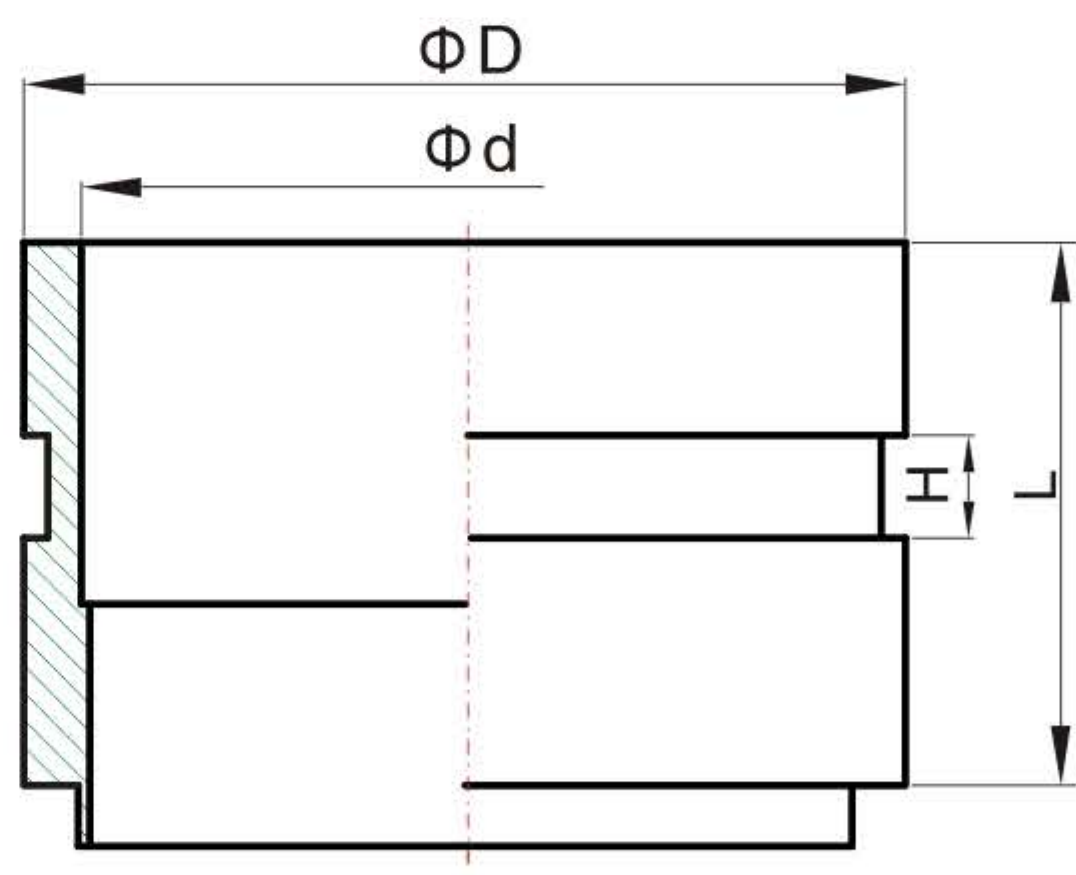
接管规格 Spec	外径(D) OD(mm)	内径(d) ID(mm)	高度(L) Height (mm)	B3-012 B3-014 B3-014B B3-014D B3-022	B3-014C B3-015 B3-016	B3-030	B3-027 B3-028 B3-052 B3-055	B3-060	B3-095 B3-110	B3-117	B3-136	B3-210 B3-220
1/4"	14.5	6.5	24	√								
3/8"	20	9.8	24	√	√	√	√	√				
1/2"	20	12.8	24	√	√	√	√	√	√	√		
5/8"	24	16.2	24	√	√	√	√	√	√	√		
3/4"	24	19.2	24	√								
3/4"	24	19.2	24		√	√	√	√	√	√		
7/8"	27	22.3	20	√								
7/8"	31	22.3	24		√	√	√	√	√	√		
1"	31	25.6	24		√	√	√	√	√	√		
1 1/8"	33	28.7	24		√	√	√	√	√	√	√	√
1 3/8"	40	35.3	24				√	√	√	√	√	√
1 5/8"	47	42.1	24					√	√	√	√	√
2 1/8"	60	54.1	40						√	√	√	√
2 5/8"	75	67.0	50							√	√	√
2 3/4"	89	70.0	50								√	√
3 1/8"	89	79.5	50								√	√

● 卡箍式接管/Victualic connections

接管规格 Spec	外径(D) OD (mm)	内径(d) ID (mm)	高度(L) Height (mm)	卡槽高度(H) Groove height (mm)	B3-060	B3-095 B3-110	B3-117	B3-136	B3-210	B3-220
1 1/2"	48	32	40	8	√	√	√	√		
2"	60	49	45	8		√	√	√		
2 1/2"	73	63.5	45	8.5				√	√	√
3"	76.1	68.5	45	8.5				√	√	√
3 1/8"	89	79.5	45	8.5				√	√	√
4"	112	102	52	10						√



焊接接管
Welded connections



卡箍式接管
Victualic connections

圣松向客户提供焊接和螺纹等各种类型的接管，详情请参照以上接管参数。
Shengsong provides customers with welded and threaded connections. Reference connection tables .

浙江圣松热交换器有限公司

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