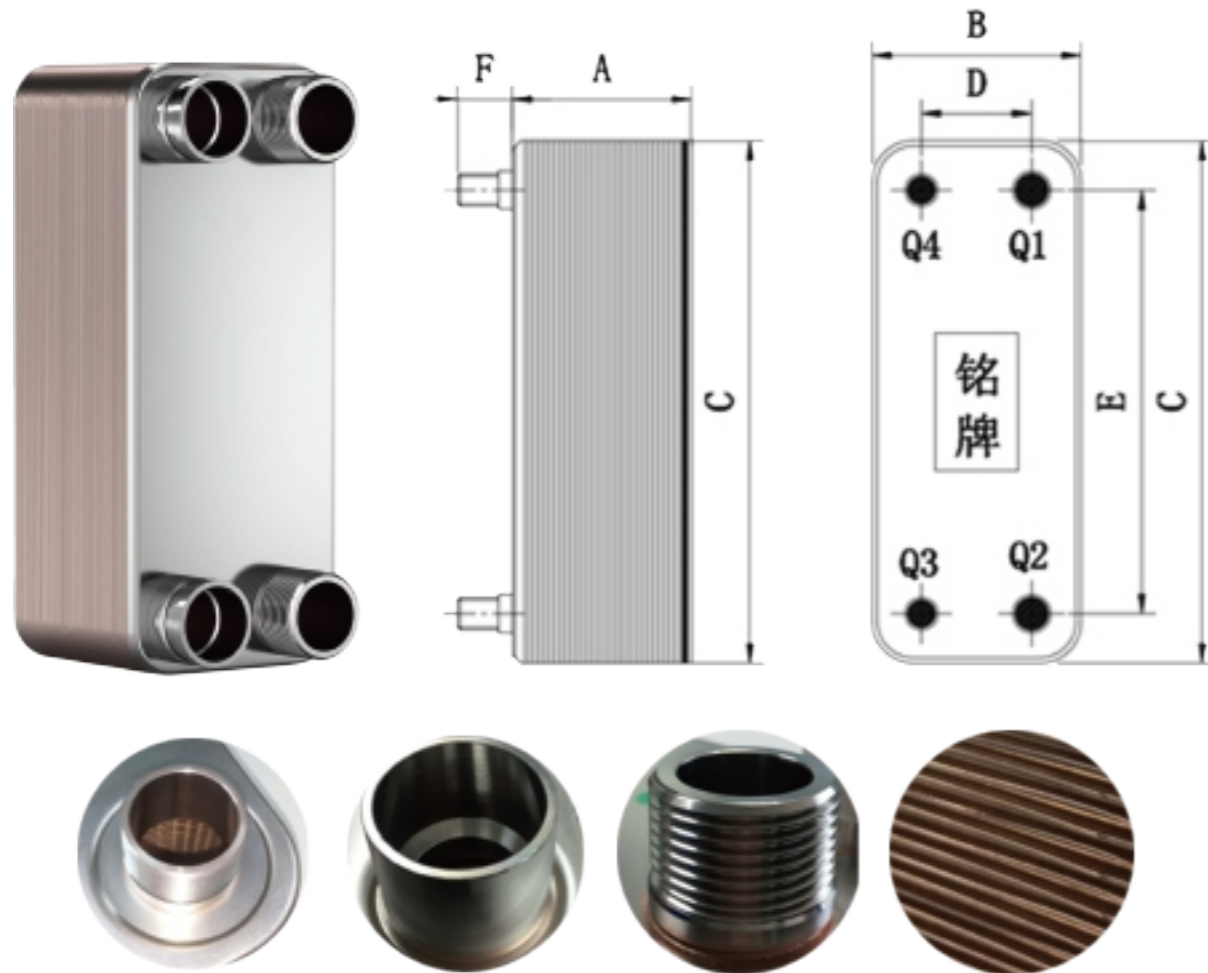## Brazed plate heat exchanger

Model:QL12-30
- Pieces
- Heat exchange area of each piece
- Brand

Connector Specifications Table

	PT/PNT/GB Outer teeth	PT/PNT/GB
Nipple joints	1/2″、3/4″、1″、1-1/4″	1/2″、3/4″、1″
Welded joints	9.73、12.9、16.15、19.25、22.36、25.6、28.8、32.5	

Applications:

Refrigeration, HVAC, chemical industry, metallurgical industry, mechanical industry, power industry, paper industry, textile industry, food industry, oil industry, central heating, oil,medicine, shipbuilding, desalination, geothermal, etc.

Basic Parameter for Brazed plate heat exchanger

The Dimension design of plate heat exchanger

Model		QL12	QL15	QL18	QL23	QL25	QL28
Size (mm)	B	76	76	77	77	126	126
	C	220	220	315	315	300	300
	D	41	41	41	41	64	64
	E	186	186	280	280	240	240
	F	20	20	27	27	27	27
Plate quantity		N	N	N	N	N	N
Thickness A(mm)		2.22xN+7	2.28xN+7	2.28xN+10	2.28xN+10	2.35xN+7	2.35xN+13
Weight (Kg)		0.039xN+0.5	0.054xN+0.5	0.054xN+0.5	0.076xN+1.1	0.135xN+1.3	0.135xN+1.67
Volume Q1Q2 Side/Q3Q4 Side(L)		0.016x0.5N/0.016x0.5(N-2)	0.022x0.5N/0.022x0.5(N-2)	0.022x0.5N/0.022x0.5(N-2)	0.031x0.5N/0.031x0.5(N-2)	0.056x0.5N/0.056x0.5(N-2)	0.056x0.5N/0.056x0.5(N-2)
Heat Transfer Area Per Plate (m²)		0.012	0.014	0.015	0.023	0.027	0.028
Heat Transfer Area (m²)		(N-2)x0.012	(N-2)x0.014	(N-2)x0.015	(N-2)x0.023	(N-2)x0.027	(N-2)x0.028
Monolithic channel cross section area (m²)		0.000148	0.000148	0.000145	0.000148	0.00025	0.00025
Designed Pressure		10bar	10bar	10bar	10bar	10bar	10bar
			30bar	30bar	30bar	30bar	30bar
		30bar	45bar	45bar	45bar	45bar	45bar
Designed Temperature		-180~200℃	-180~200℃	-180~200℃	-180~200℃	-180~200℃	-180~200℃
Slad Materials		316L、304L	316L、304L	316L、304L	316L、304L	316L、304L	316L、304L
Capacity		~5KW	2KW~10KW	2KW~10KW	~30KW	5KW~35KW	~35KW

Model		QL50	QL052	QL61	QL62	QL85	QL91
Size (mm)	B	111	111	125	128	188	190
	C	527	527	539	542	564	566
	D	50	50	64	64	101	102
	E	466	466	479	479	479	479
	F	27	27	27	27	27	27
Plate Number		N	N	N	N	N	N
Thickness A(mm)		2.85xN+7	2.36xN+9	2.37xN+7	2.37xN+13	2.37xN+7	2.37xN+13
Weight (Kg)		0.25xN+2.5	0.23xN+1.8	0.25xN+2.5	0.25xN+2.5	0.377xN+3.6	0.39xN+3.6
Volume Q1Q2 Side/Q3Q4 Side(L)		0.14x0.5N/0.14x0.5(N-2)	0.094x0.5N/0.094x0.5(N-2)	0.10x0.5N/0.10x0.5(N-2)	0.10x0.5N/0.10x0.5(N-2)	0.175x0.5N/0.175x0.5(N-2)	0.175x0.5N/0.175x0.5(N-2)
Heat Transfer Area Per Plate (m²)		0.062	0.052	0.061	0.062	0.090	0.091
Heat Transfer Area (m²)		(N-2)x0.062	(N-2)x0.052	(N-2)x0.061	(N-2)x0.062	(N-2)x0.090	(N-2)x0.091
Monolithic channel cross section area (m²)		0.0003	0.00022	0.00025	0.00025	0.00036	0.00036
Designed Pressure		10bar	10bar	10bar	10bar	10bar	10bar
		30bar	30bar	30bar	30bar	30bar	30bar
		45bar	45bar	45bar	45bar	45bar	45bar
Designed Temperature		-180~200℃	-180~200℃	-180~200℃	-180~200℃	-180~200℃	-180~200℃
Slad Materials		316L、304L	316L、304L	316L、304L	316L、304L	316L、304L	316L、304L
Capacity		15KW~100KW	10KW~70KW	15KW~100KW	15KW~100KW	35KW~200KW	35KW~200KW

We can supply many kinds of plates and gaskets for many famous brands , such as Alfa laval,APV,GEA,VICARB,SWEP,SONDEX,FUNKER,API and so on.