B Series
Asymmetric Heat Exchanger

KAORI

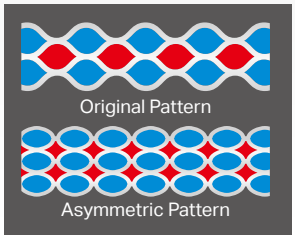
Product Introduction

KAORI patented asymmetric plate design obtains optimal efficiency with much less refrigerant charge and lower water/brine pressure drop. It results in cost effective and reduced environmental impact.

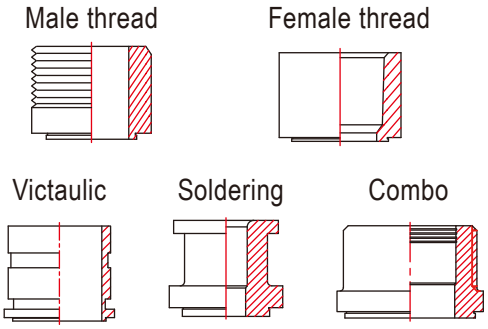
B Series is much suitable with R290, R32, R454B and natural refrigerants.

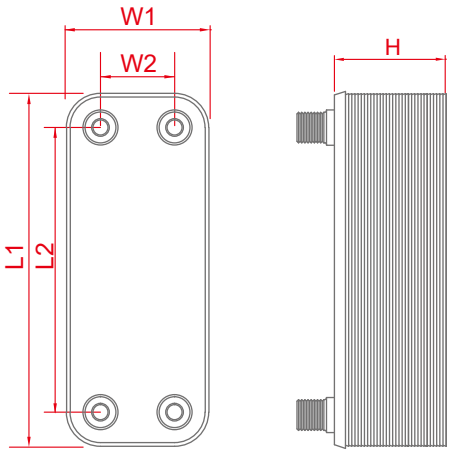
Advantages

Under the same working condition
1. It reduces maximum of 50% water pressure drop.
2. It reduces maximum of 33% refrigerant charge
3. It increases maximum of 11% water flow rate.



Connector Type





Unit: mm

Specifications

Quality Materials

Connections	Stainless Steel
Plates	Stainless Steel
Brazing Material	99.9% Pure Copper

Technical Data

Model	B050/ B051	B110/ B111
L1(mm)	306	526
L2(mm)	250	470
W1(mm)	106	119
W2(mm)	50	63
Thickness - H (mm)	9.3+1.80*N	12+1.85*N
Max. working temperature(°C)	00	200
Max. working pressure(bar)	30/ 45	30/ 45
Plate Heat Transfer Area(m^2)	0.01109*(N-2)	0.0541*(N-2)
Weight (without connector)(kg)	1.2+0.089*N	3.0+0.190*N

N: Number of Plates

www.kaori-bphe.com

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