

B Series Asymmetric Heat Exchanger



Product Introduction

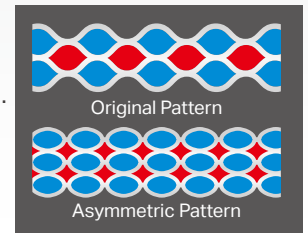
KAORI patented asymmetric plate design obtains optimal efficiency with much less refrigerant charge and lower water/brine pressure drop. It results in cost effective and reduced environmental impact.

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

Advantages

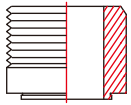
Under the same working condition

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.

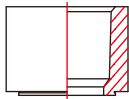


Connector Type

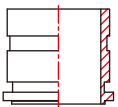
Male thread



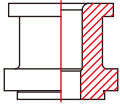
Female thread



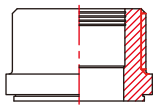
Victaulic



Soldering



Combo



Specifications

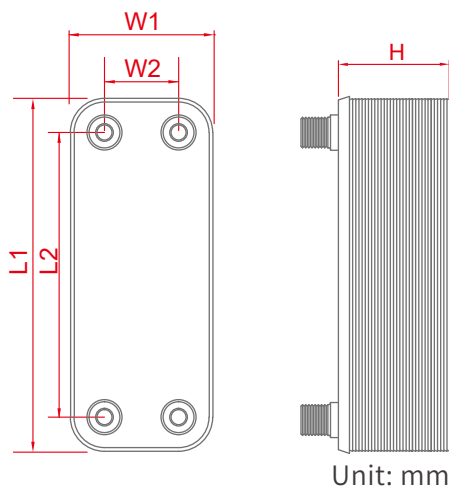
Quality Materials

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



This information is intended to serve as a reference and is not subject to guarantee. Precise inquiries are necessary for accurate information regarding performance specifications and suitability under specific working conditions. Responsibility rests on purchasers to decide whether products are appropriate for use before purchasing. Kaori is not liable for corrosion of products and/or other equipment from use of products. Kaori reserves the right to make changes to this information without prior notice.

www.kaori-bphe.com