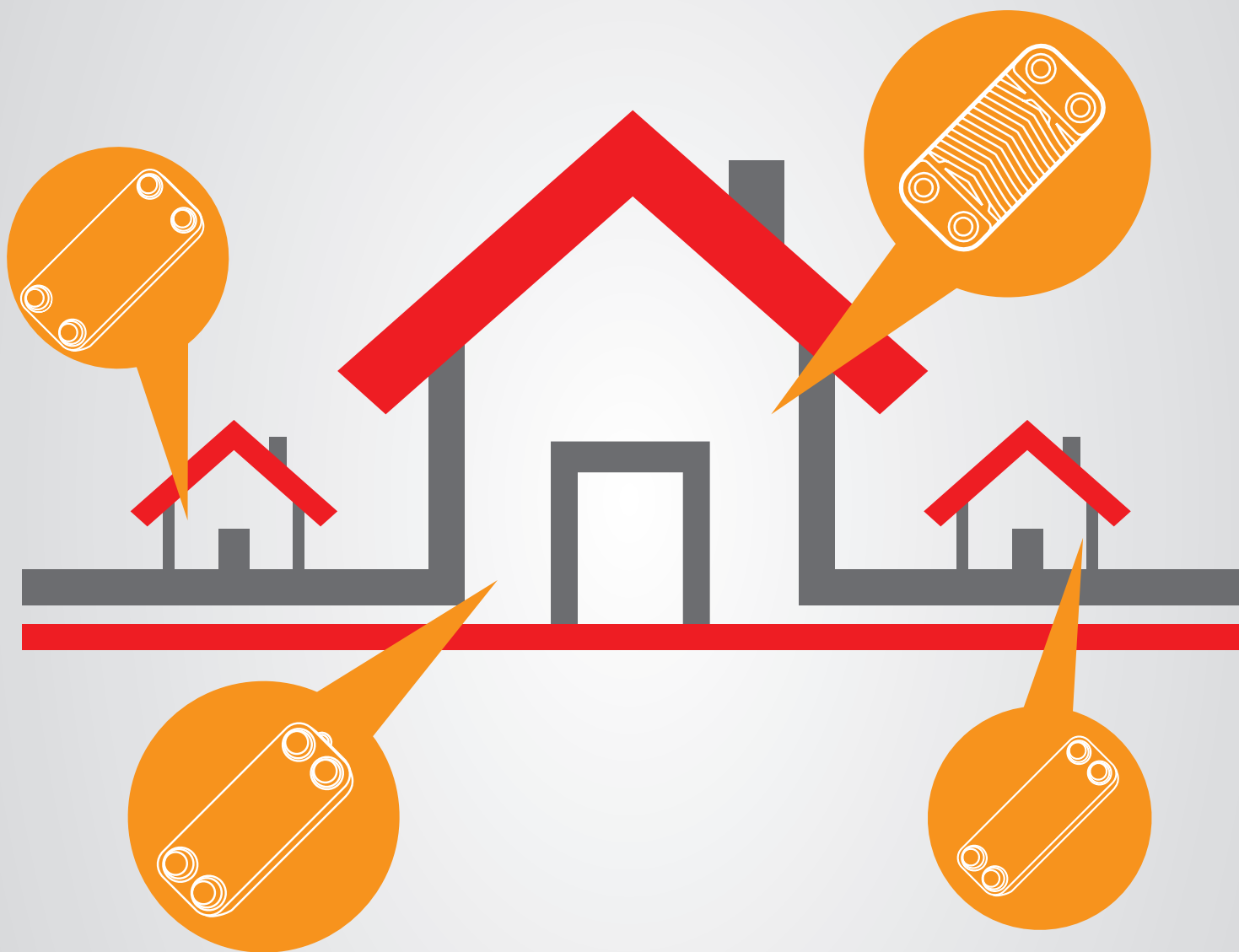


KAORI



Brazed Plate Heat Exchanger

Power for Heat Pump



**CO₂
Heat Pump**

**Commercial
Heat Pump**

**Industrial
Heat Pump**

**Residential
Heat Pump**

**Gas
Heat Pump**

**District
Heating**

KAORI



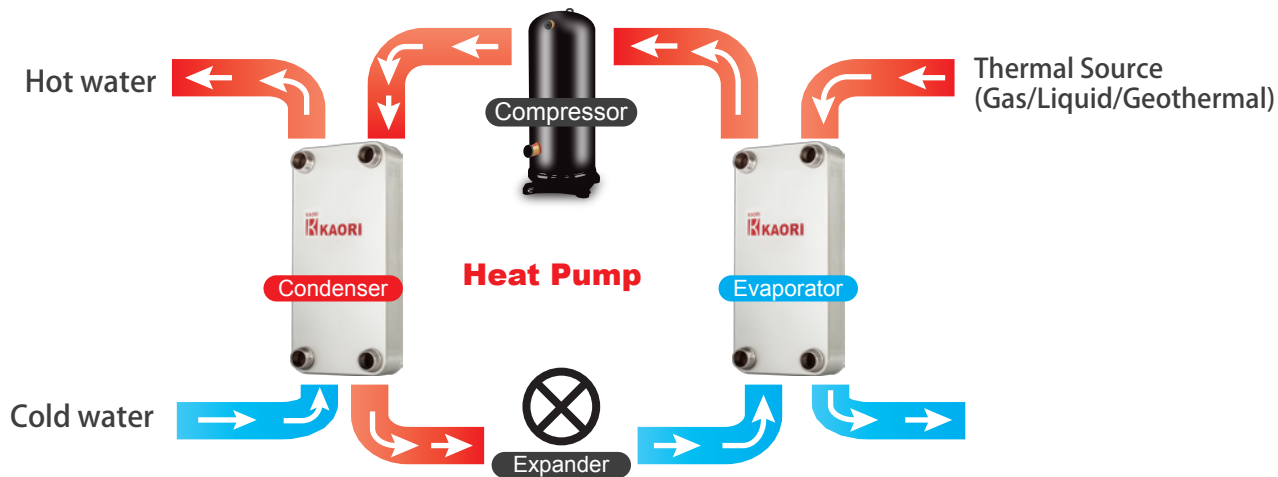
www.kaori-bphe.com

Innovation · Quality · Responsibility · Honor

Using the natural heat/cool sources, heat pump is considered an environmental-friendly and sustainable approach for comfort residential, commercial, and industrial application. And the high COP performance of the heat pump system can be contributed by efficient heat transfer process of a proper evaporator and condenser.

Responding to different types and applications of heat pump, KAORI brazed plate heat exchanger provides small to large heat exchange capacity, and suitable for various refrigerant including R134a, R407C, R410A and R744/CO₂...etc.

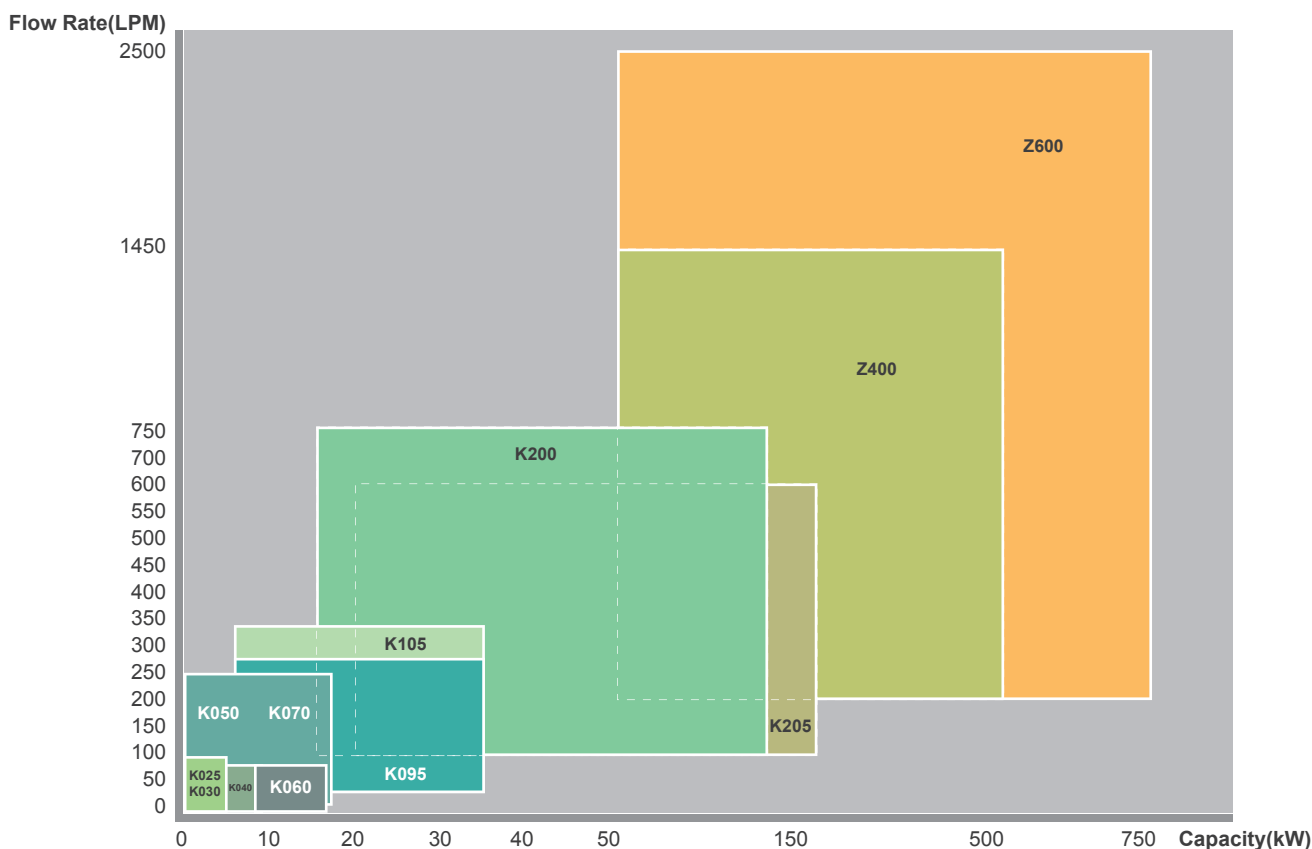
Working Principle



What KAORI offer

- * Customized Design
- * UL/PED/KHK Approval
- * Reliability
- * Fast Delivery
- * Competitive Solution
- * Calculation Software
- * Superior Service
- * Durability

KAORI Brazed Plate Heat Exchanger Performance Diagram



Engineered For different types of Heat Pump

- Air source heat pump
- Water source heat pumps
- Ground source heat pumps

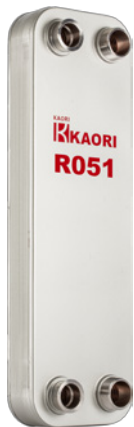
Specification

K Series-Standard Brazed Plate Heat Exchanger



Brazing Material	Copper	
	Copper (Extra Strength)	
	(Primary/ Secondary)	
Max. Working Pressure (bar)	30/ 30	45/ 30
Min. Test Pressure (bar)	43/ 43	65/ 43
Max. Working Temperature (°C)	200°C	

R Series-High Heat Transfer Performance Brazed Plate Heat Exchanger



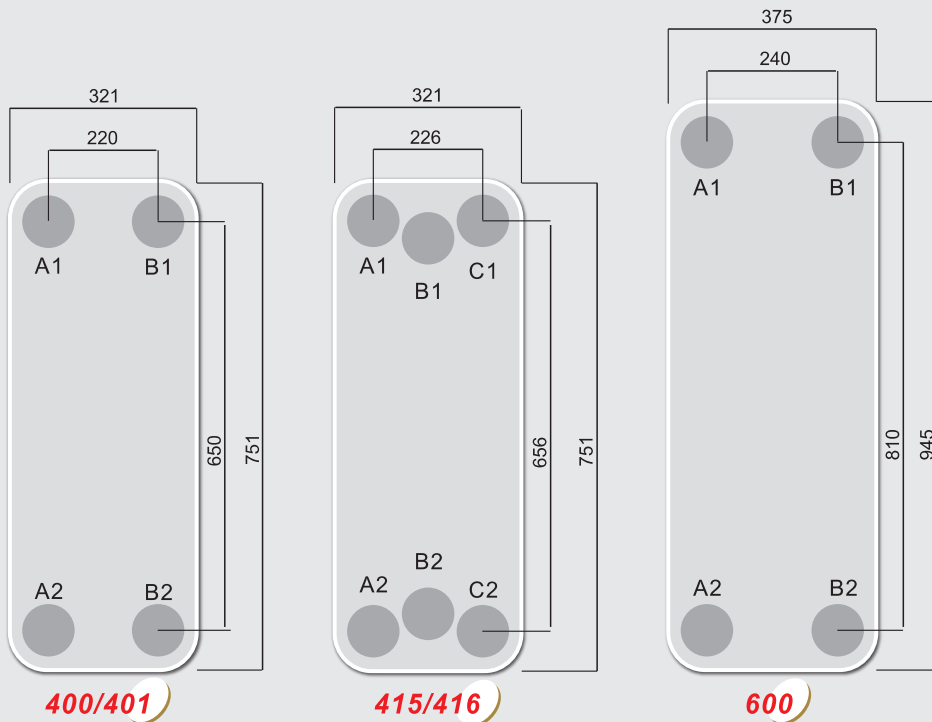
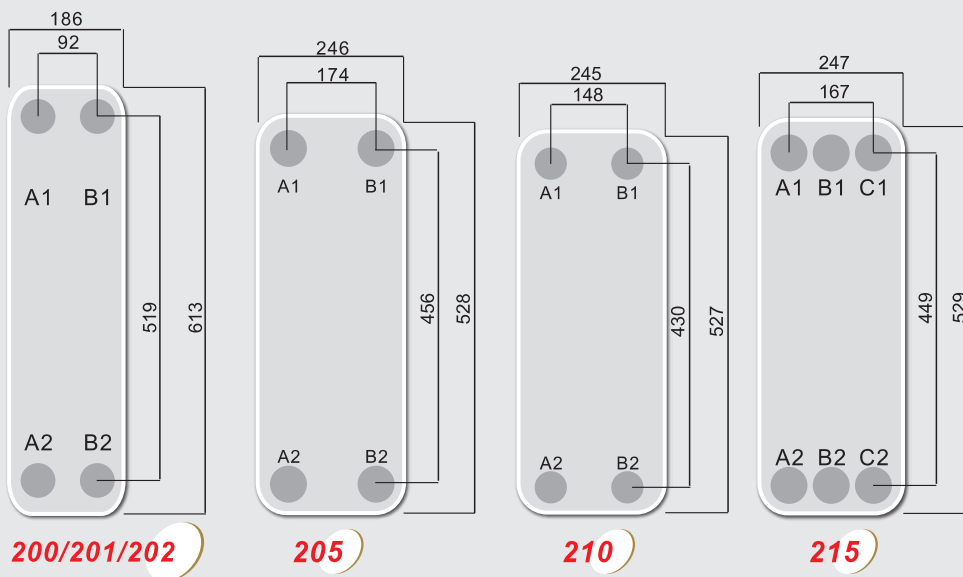
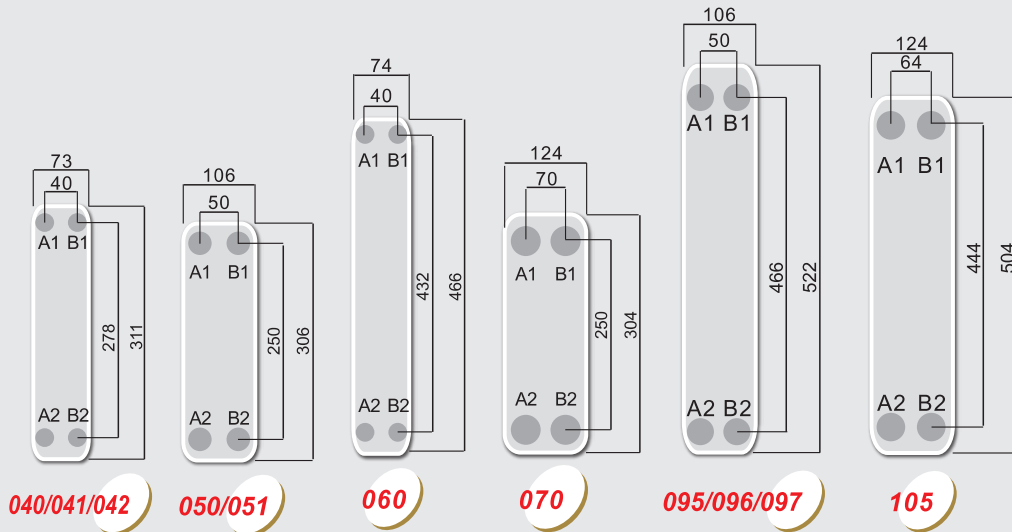
Brazing Material	Copper		Copper (Extra Strength)	
	R050	R095	R051	R096
Model	(Primary/ Secondary)			
Max. Working Pressure (bar)	30/ 30	30/ 30	45/ 30	45/ 30
Min. Test Pressure (bar)	43/ 43	43/ 43	65/ 43	65/ 43
Max. Working Temperature (°C)	200°C			

C Series- Super High Pressure Brazed Plate Heat Exchanger



Brazing Material	Copper		
	Model	C020, C040 C095, C200	C021, C041 C096, C201
	(Primary/ Secondary)		
Max. Working Pressure (bar)	70/ 30*	100/ 30*	140/ 30*
Min. Test Pressure (bar)	100/ 43*	143/ 43*	200/ 43*
Max. Working Temperature (°C)	200°C		
*For higher working pressure request on secondary side, please contact KAORI representative.			

Wide Capacity Range : 1.5 kW up to 527 kW



Unit: mm