



PROSİSTEK  
Profesyonel Sistem Teknolojileri



## Z415



### General Information

Z series is designed with diagonal flow pattern, featured in high efficiency and wide range of application. It can be used to replace tube, shell and spiral BPHE.

Z415 is the dual circuit model, interacting with two units of compressors. Whether it is single or dual circuit, Z415 can perform ideally. It can be applied in evaporator, condenser, oil cooler, and district heating system.

### Industries

HVAC, Refrigeration, Heat Pump, Chiller, Waste Heat Recovery, Laser Cutting/Welding Machine

### Connection (up to)



Male Thread  
PT 3"

Female Thread  
PT 2-1/2"



Solder  
2-5/8"



Flange  
3"

### Applications

Evaporator, Condenser, De-superheater/Subcooler, Economizer,  
Pre-cooler/Pre-heater

### Max. Heat Transfer Capacity

527.4 kW

## Specifications

### Standard Materials

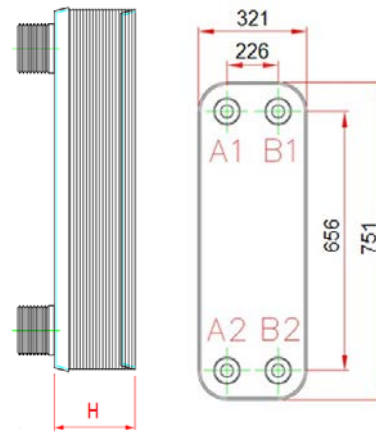
Cover Plates  
Connections  
Plates  
Braze Material

Stainless Steel  
Stainless Steel  
Stainless Steel  
Copper

### Standard Data

Max. working temperature °C	200
Max. working pressure (bar)	30
Min. test pressure (bar)	43
Max. flow rate (LPM)	1450
Max. number of plates (N)	198
Plate Heat Transfer Area (M <sup>2</sup> )	0.2074 m <sup>2</sup>
Thickness (mm) - H	14.0+2.40*N
Weight (kg)	25.99+0.87*N

(without connection)  
N: Number of Plates



(size: mm)

### Material disclaimer

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. Third party approvals and certifications are available upon request.

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