



## General Information

I series is the CBE model with enforced structure to resist thermal shock and pressure shock caused by either the drastic temperature gap in cooling&heating system or the physical burst from the oil in hydraulic system. I series can satisfy the users who have high requirement for security and reliability. I030 can afford the flow rate up to 60LPM, and it can be used in testing facility in lab , motor vehicle and commerical cooler.

## Industries

Chiller, Injection Molding Machine, Hydraulic System, Wind Power  
 Gear Box, Boiler, Food Processing.

## Applications

Economizer, Oil Cooler

## Connection (up to)



**Male Thread**  
**PT 3/4"**

**Female Thread**  
**PT 3/4"**



**Solder**  
**7/8"**

## Max. Heat Transfer Capacity

N/A

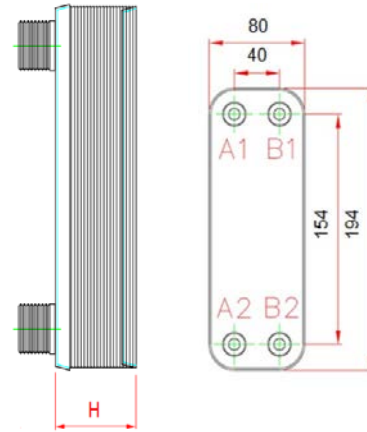
## Specifications

### Standard Materials

Cover Plates	Stainless Steel
Connections	Stainless Steel
Plates	Stainless Steel
Braze Material	copper

### Standard Data

Max. working temperature °C	200
Max. working pressure (bar)	30
Min. test pressure (bar)	43
Max. flow rate (LPM)	65
Max. number of plates (N)	80
Plate Heat Transfer Area (M <sup>2</sup> )	0.0117m <sup>2</sup>
Thickness (mm) - H	10.0+2.25*N
Weight (kg)	0.59+0.047*N



(size: mm)

(without connection)  
 N: Number of Plates

### 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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