

K205



PROSİSTEK
Profesyonel Sistem Teknolojileri



General Information

K205 is the BPHE featured in 50RT thermal exchanger. It is mainly applied in chiller, heat pump, commercial air condition and ORC generator.

K205 has extra strength version, named as K205S which can sustain the high pressure of the recycle refrigerant, such as R140a.

Industries

HVAC, Heat pump, Chiller, Oil cooler, Processing cooling, heating

Connection (up to)



Male Thread
PT 2"



Female Thread
PT 1-1/2"



Solder
2-1/8"

Applications

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

Max. Heat Transfer Capacity

175.8KW

Specifications

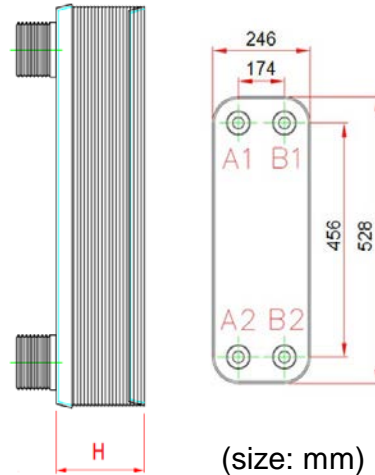
Standard Materials

Cover Plates
Connections
Plates
Braze Material

Stainless Steel
Stainless Steel
Stainless Steel
Copper

Standard Data

| | |
|--|-----------------------|
| Max. working temperature °C | 200 C |
| Max. working pressure (bar) | 30 |
| Min. test pressure (bar) | 43 |
| Max. flow rate (LPM) | 580 |
| Max. number of plates (N) | 220 |
| Plate Heat Transfer Area (M ²) | 0.1099 m ² |
| Thickness (mm) - H | 14.0+2.40*N |
| Weight (kg) (without connection) | 7.30+0.480*N |
| 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.

Kaori Heat Treatment Co., Ltd. Innovation • Quality • Responsibility • Honor

Prosistek Mühendislik Endüstri San. Ve Tic. Ltd. Şti.

Hacı Halil Mah. 1207. Sok. No:1/5
Gebze/Kocaeli - Turkey

Tel : +90 553 957 45 96

info@prosistek.com.tr
www.prosistek.com.tr