



PROSİSTEK
Profesyonel Sistem Teknolojileri



C202



General Information

C type is the CBE, dedicated to R744 (CO₂), and compatible with heat pump and refrigeration system. The model has three types, including 70/100/140 BAR. The compact design plus outstanding thermal transfer efficiency and low pressure drop characterize C series. C202 can sustain 140BAR and afford the pressure caused by R744 as thermal media. This capacity delights the COP value and results in "0" ODP to protect the environment where we live. C202 can work well with pre-cooler and pervasive in various kinds of residential heat pump.

Industries

HVAC, Refrigeration, Heat Pump

Connection (up to)



Male Thread Female Thread



Depends on working condition

Applications

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

Max. Heat Transfer Capacity

140.64KW

Specifications

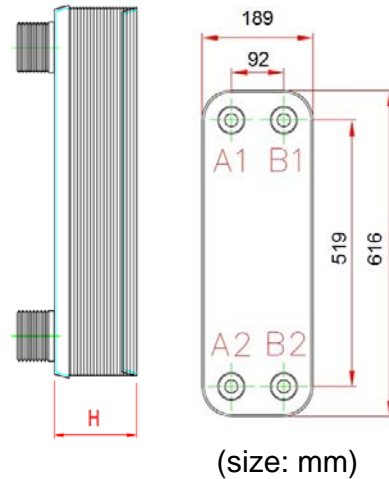
Standard Materials

| | |
|----------------|-----------------|
| Cover Plates | Stainless Steel |
| Connections | Stainless Steel |
| Plates | Stainless Steel |
| Braze Material | Copper |

Standard Data

| | |
|--|----------------------|
| Max. working temperature °C | 200 |
| Max. working pressure (bar) | 140 |
| Min. test pressure (bar) | 200 |
| Max. flow rate (LPM) | 720.00 |
| Max. number of plates (N) | 160 |
| Plate Heat Transfer Area (M ²) | 0.095 m ² |
| Thickness (mm) - H | 14.0+2.15*N |
| Weight (kg) | 12.41+0.755*N |

(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.

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