

C042



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. C042 can sustain 100BAR 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. C042 can work well with pre-cooler and Industries

HVAC, Refrigeration, Heat Pump

Connection (up to)



Male Thread Female Thread

Applications

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



Solder

Depends on working condition

Max. Heat Transfer Capacity

7.03KW

Specifications

Standard Materials

Cover Plates
Connections
Plates
Braze Material

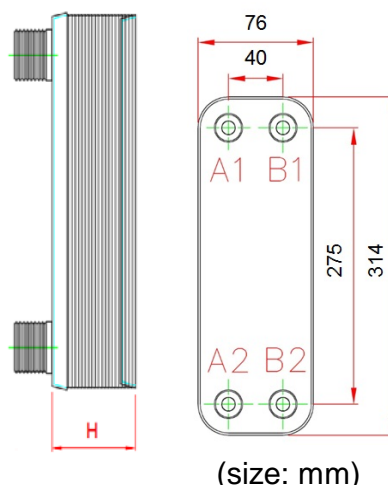
Stainless Steel
Stainless Steel
Stainless Steel
Copper

Standard Data

Max. working temperature °C	200
Max. working pressure (bar)	140
Min. test pressure (bar)	200
Max. flow rate (LPM)	60.00
Max. number of plates (N)	60
Plate Heat Transfer Area (M ²)	0.0193 m ²
Thickness (mm) - H	13.0+2.00*N
Weight (kg)	1.75+0.152*N

(without connection)

N: Number of Plates



Material disclaimer

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