



B5

COMPACT BRAZED HEAT EXCHANGER

Experience the true original: the B-type

The versatile B5 enables efficient heat exchange in applications with small flows and extreme demands for compactness. Easy to install and use, the product is small yet flexible, which makes it a particularly good choice for small oil or water coolers.

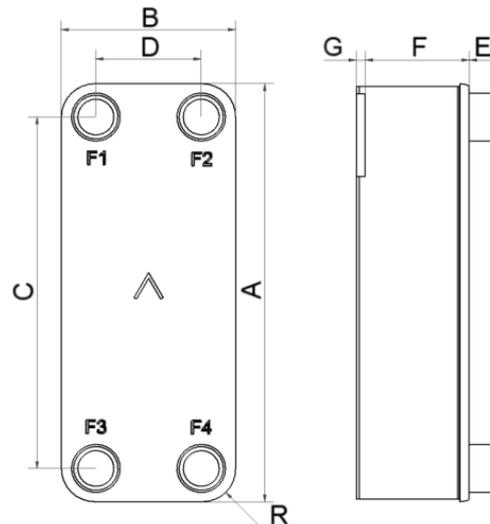
Easy to choose the right product solution

With SWEP's unique SSP CBE, the SWEP Software Package, you can do advanced heat transfer calculations yourself, and choose the product solution that suits your application best. It's also easy to choose connections and generate drawings of the complete product. If you would like advice, or you would like to discuss different product solutions, SWEP offers all the service and support your need.

THIRD-PARTY APPROVALS (selection)

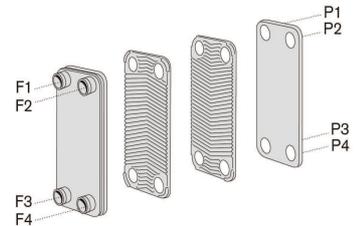
Europe, Pressure Equipment Directive (PED 97/23/EC)

For additional information please contact your local SWEP representative. SWEP reserves the right to make changes without prior notice.



Measurements(mm)	Tolerance
A	+2 /-2
B	+1 /-1
C	+1 /-1
D	+1 /-1
E	+0 /-0
F	+0.5% /-1.5%
G	+1 /-1
R	

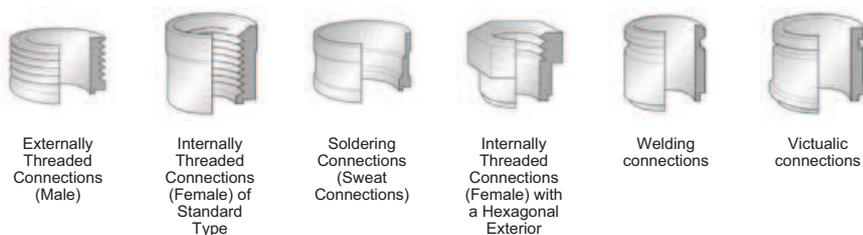
Port size F/P: 16mm



CBE port denomination

STANDARD CONNECTIONS

For specific dimensions, or information about other types of connections, please contact your SWEP sales representative.



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TECHNICAL DATA

Max working pressure at 155°C

Max working pressure at 225°C

Test pressure:
 Min temperature:
 Max temperature:
 Max number of plates (NoP)
 CBE weight

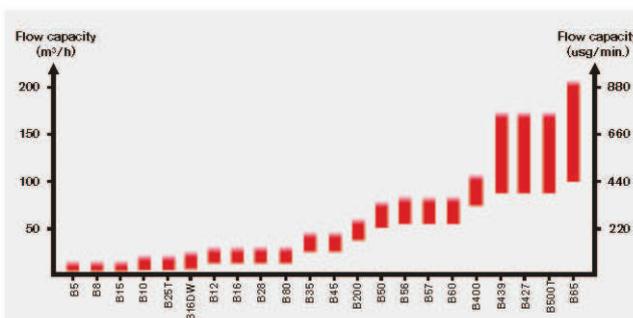
Hold-up volume: inner circuit

Plate material:

Brazing material:
 Standard connection material

Inner circuit: 31 bar (450psi)
 Outer circuit: 31 bar (450psi)
 Inner circuit: 27 bar (392psi)
 Outer circuit: 27 bar (392psi)
 50 bar (725psi)
 -196°C (-321F)
 225°C (437F)
 60
 0.615+NoPx0.04kg
 (1.4+NoPx0.1lbs)
 (NoP/2-1)x0.025 litres
 ((NoP/2-1)x0.001 ft3.)
 Parts in contact with fluid:
 AISI 316
 Parts not in contact with fluid:
 AISI 304
 Pure Copper
 AISI 316

CAPACITY GRAPH



MATERIAL DISCLAIMER

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