



B120T

COMPACT BRAZED HEAT EXCHANGER

Experience the true original: the B-type

The B120T has been specially developed to operate in demanding heating and industrial applications, typically water-water applications and oil coolers. The product has contributed to the rapid switch to CBEs from traditional gasketed plate heat exchangers and shell-and-tube solutions.

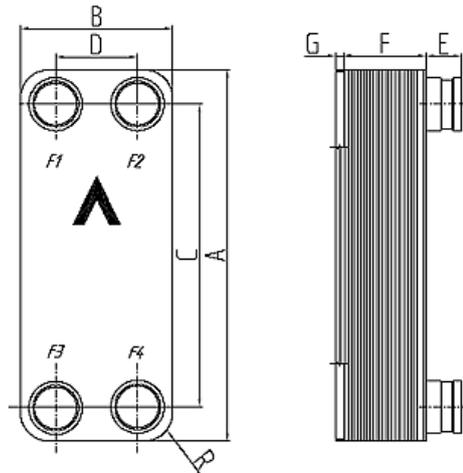
Easy to choose the right product solution

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)

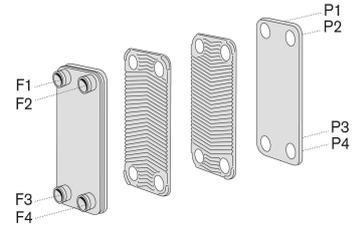
Europe, Pressure Equipment Directive (PED 97/23/EC)

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



Measurements(mm)		Tolerance
A	525	+2 /-2
B	243	+1 /-1
C	456	+1 /-1
D	174	+1 /-1
E	27.1 (opt. 54.2)	+1 /-1
F	10+2.29xNP	+0.5% /-1.5%
G	4	+1 /-1
R	35	

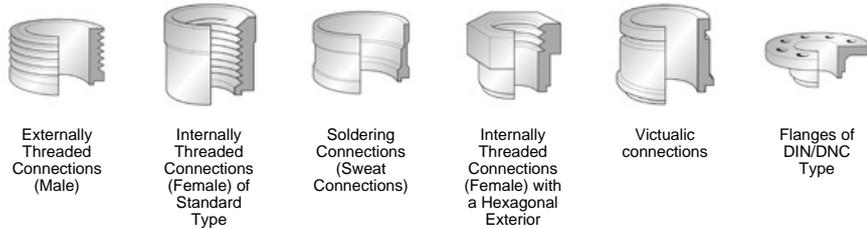
Port size F/P: 39mm



CBE port denomination

STANDARD CONNECTIONS

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



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

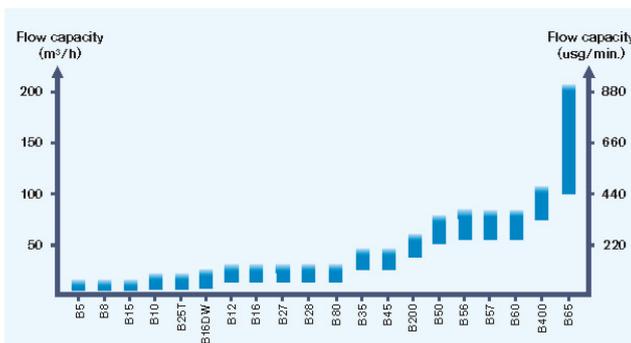
Hold-up volume: inner circuit

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)
250
10+NoPx0.374kg
(22+NoPx0.8lbs)
(NoP/2-1)x0.241 litres
(NoP/2-1)x0.009 gal.)
Parts in contact with fluid:
EN 10028/7-1.4401 (AISI 316)
Parts not in contact with fluid:
EN 10028/7-1.4301 (AISI 304)
Pure Copper
EN 10272-1.4401 (AISI 316)

CAPACITY GRAPH



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