



# B56

## COMPACT BRAZED HEAT EXCHANGER

### Experience the true original: the B-type

The B56 is specially adapted to offer efficient heat transfer in heating and industrial applications. The product is frequently used in district heating, and also in oil coolers and is adapted to operate efficiently in a selected capacity interval.

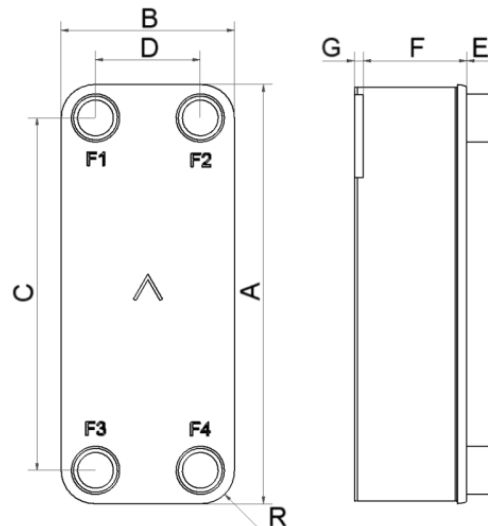
### Easy to choose the right product solution

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)

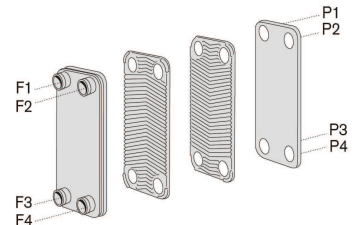
Europe, Pressure Equipment Directive (PED 97/23/EC)

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	430	+1 /-1
D	148	+1 /-1
E	54.2 (opt. 81)	+0 /-0
F	14+2.44xNP	+0.5% /-1.5%
G	3	+1 /-1
R	48	

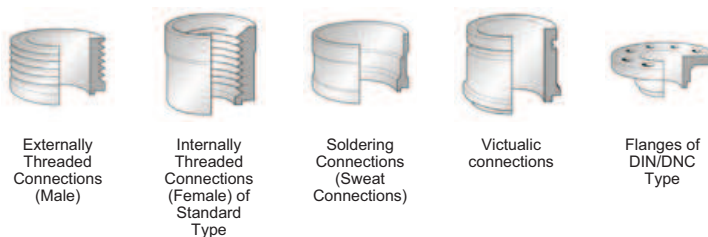
Port size F/P: 70mm



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

Inner circuit: 31 bar (450psi)

Max working pressure at 225°C

Outer circuit: 31 bar (450psi)

Inner circuit: 27 bar (392psi)

Outer circuit: 27 bar (392psi)

Test pressure:

50 bar (725psi)

Min temperature:

-196°C (-321F)

Max temperature:

225°C (437F)

Max number of plates (NoP)

250

CBE weight

16.269+NoPx0.419kg

(35.9+NoPx0.9lbs)

(NoP/2-1)x0.21 litres

((NoP/2-1)x0.007 ft3.)

(NoP/2)x0.297 litres

((NoP/2)x0.01 ft3.)

Hold-up volume: inner circuit

Hold-up volume: outer circuit

Plate material:

Parts in contact with fluid:

AISI 316

Parts not in contact with fluid:

AISI 304

Pure Copper

AISI 316

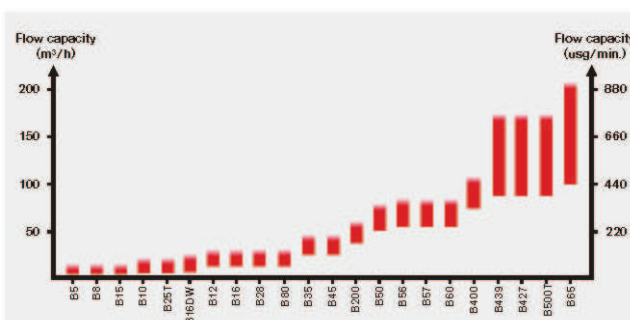
Brazing material:

Standard connection material

### MATERIAL DISCLAIMER

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### CAPACITY GRAPH



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