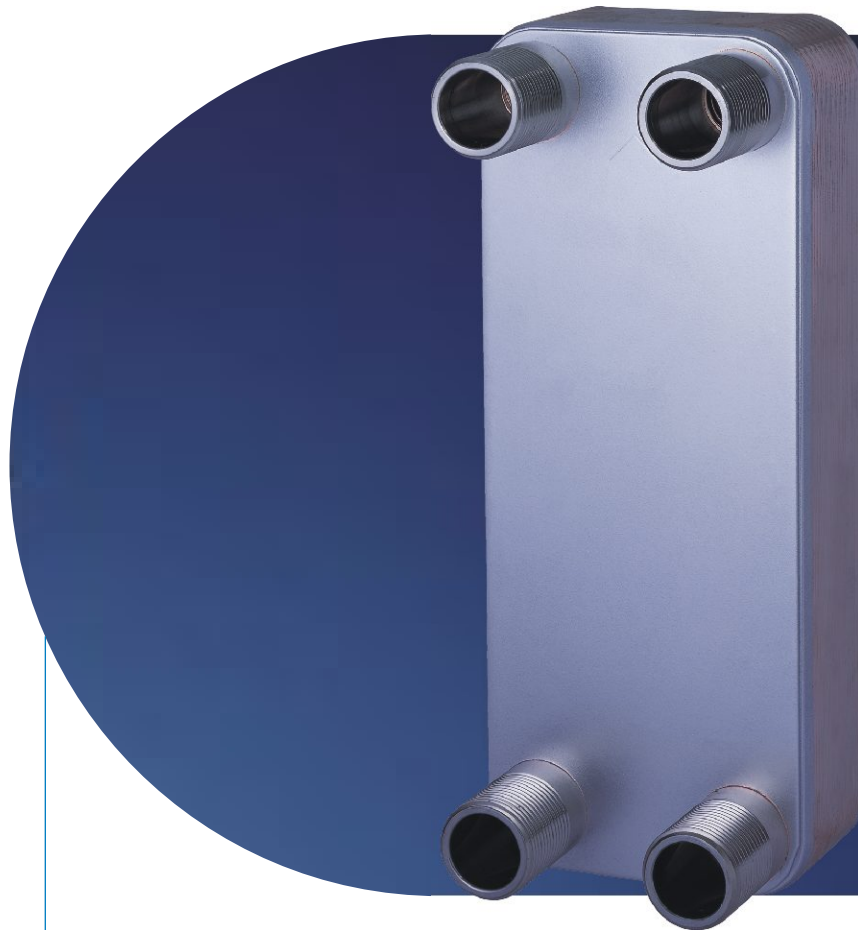


COMPACT BRAZED HEAT EXCHANGER

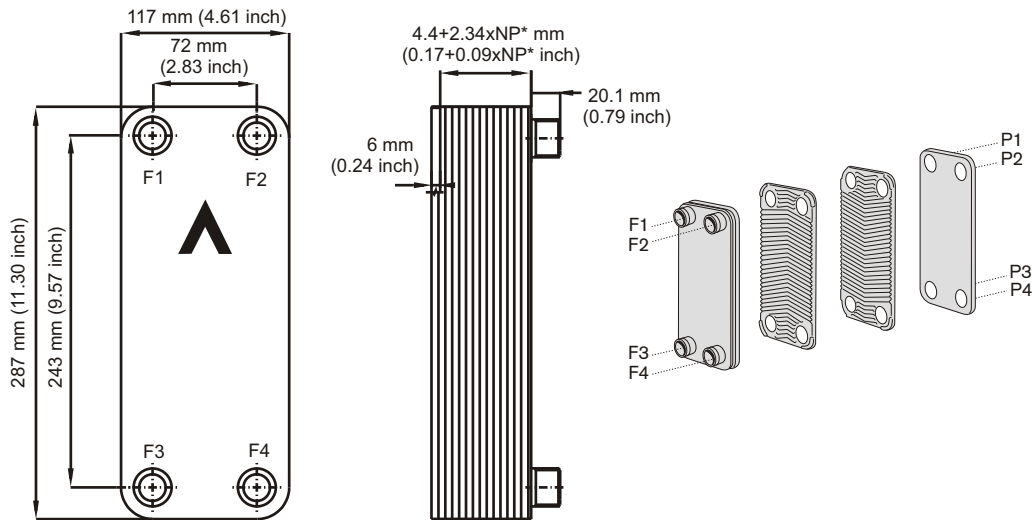
B10

Mo-steel



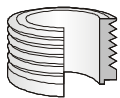
The flexible B10 Mo-steel offers efficient heat exchange over a wide capacity range in particularly harsh environments. The product combines high resistance to corrosion with excellent heat transfer properties. Its channel plates are manufactured in Mo-steel, which offers high resistance to pitting and crevice corrosion, especially when using fluids with high chloride contents.

B10 Mo-steel

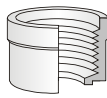


STANDARD CONNECTIONS

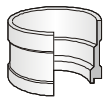
For specific dimensions, or information about other types of connections, please contact your SWEP sales representative.



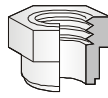
Externally threaded



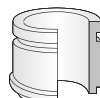
Internally threaded



Soldering



Int. Threaded with Hex. Ext.



Victaulic

TECHNICAL DATA

Max flow rate	12 m ³ /h (53 usg/min.)
Max working pressure at 155°C (311°F)	31 bar (450 psi)
Max working pressure at 225°C (437°F)	27 bar (392 psi)
Min working temperature	-196°C (-321°F)
Test pressure	50 bar (725 psi)
Max. Number of plates	120
CBE weight dry (approx.)	1.5+0.126×NP* kg (3.31+0.278×NP* lb)
Hold-up volume: inner circuit	0.061×(NP*/2-1) litre (0.016×(NP*/2-1) gal.)
Hold-up volume: outer circuit	0.061×NP*/2 litre (0.016×(NP*/2) gal.)
Standard connection size	1"
Connection height	20.1 mm (0.79 inch) or 45.1 mm (1.78 inch)

*NP = Number of plates

MATERIAL

Plate material:	EN 10028/7-1.4547 (SMO 254)
Brazing material:	Pure copper
Connection material:	EN 10272-1.4401 (AISI 316)

THIRD-PARTY APPROVALS (selection)

Europe, Pressure Equipment Directive (PED 97/23/EC)
 USA, Underwriters Laboratories (UL)
 Canada, Canadian Standard Association (CSA)
 Japan, The High Pressure Gas Safety Institute of Japan (KHK)

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

THE MO-STEEL LINE –OUR CORROSION RESISTERS

Mo-steel CBEs provide high resistance to pitting and crevice corrosion and excellent resistance to chloride stress-corrosion cracking. SWEP's state-of-the-art brazing technology eliminates the risk of intergranular corrosion. And it features the same high mechanical and thermal standards as SWEP's standard 316 CBEs. Thanks to the cost efficient design, the use of Mo-steel can be limited to the parts of the CBE that actually come in contact with corrosive media, e.g. channel plates.



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 you need.

If you would like more information about B10 Mo-steel or our other products, please contact your local SWEP representative.