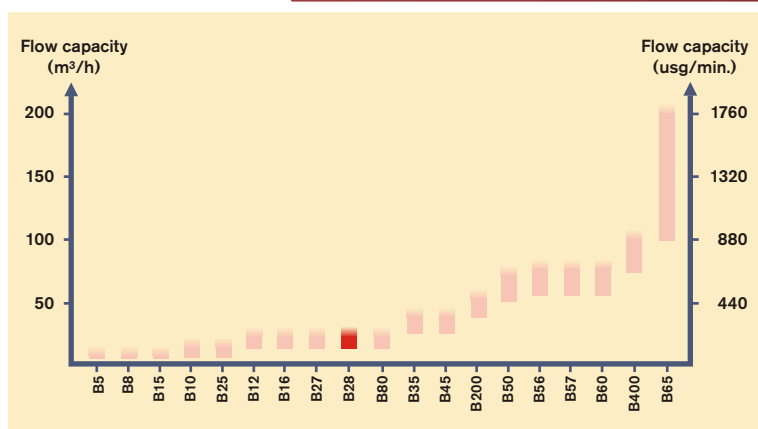


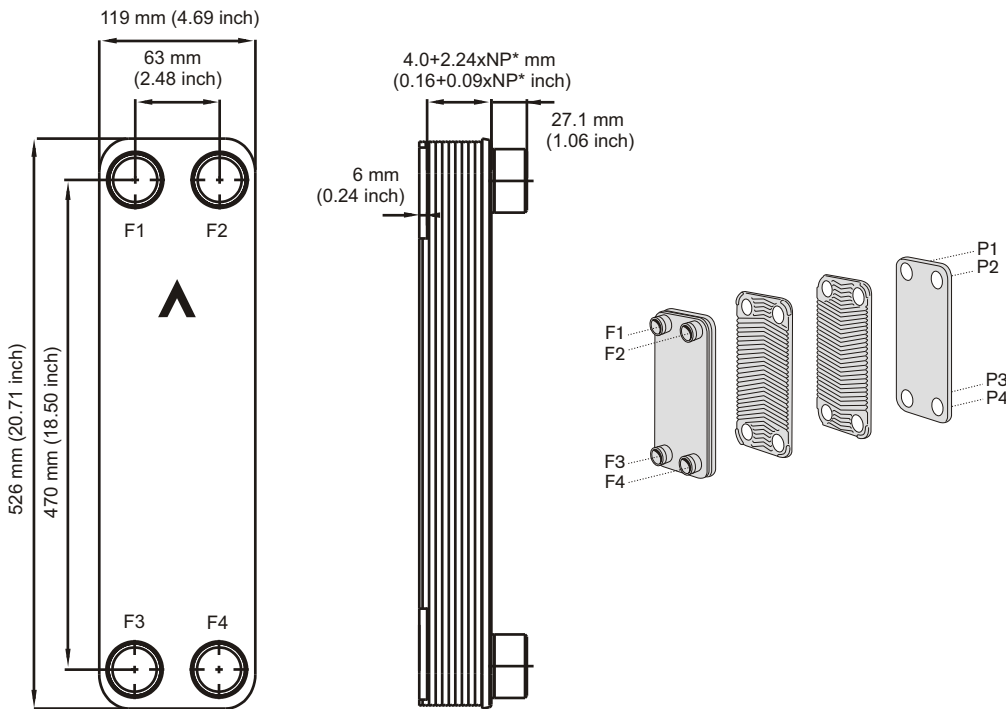
# COMPACT BRAZED HEAT EXCHANGER

# B28



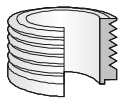
The B28 has been specially designed for single-phase applications. Specially tailored to cover the capacities and specifications of district heating sub-stations, radiator circuits and tap-water heating applications over a large capacity range, the B28 is also optimal for oil cooling. The product operates with symmetrical flows at pressures up to 25 bar (363 psi).

# B28

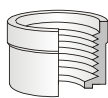


## STANDARD CONNECTIONS

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



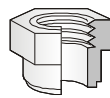
Externally threaded



Internally threaded



Soldering



Int. Threaded with Hex. Ext.

## TECHNICAL DATA

Max flow rate	22 m <sup>3</sup> /h (97 usg/min.)
Max working pressure at 155°C (311°F)	28 bar (406 psi)
Max working pressure at 225°C (437°F)	25 bar (363 psi)
Min working temperature	-196°C (-321°F)
Test pressure	45 bar (653 psi)
Max. Number of plates	140
CBE weight dry (approx.)	2.1+0.170×NP* kg (4.63+0.37×NP* lb)
Hold-up volume: inner circuit	0.111×(NP*/2-1) litre (0.029×(NP*/2-1) gal.)
Hold-up volume: outer circuit	0.111×NP*/2 litre (0.029×(NP*/2) gal.)
Standard connection size	1 1/4"
Connection height	27.1 mm (1.06 inch) or 45.1 mm (1.78 inch)

\*NP = Number of plates

## MATERIAL

Plate material:	EN 10028/7-1.4401 (AISI 316)
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 B LINE – OUR BASIC RANGE

The majority of SWEP's CBEs are classified as B-types. The B-types are suitable for most applications. Although the B-type CBEs are "standard", there is a huge variety of plate sizes, port sizes, plate pattern combinations, connections etc. And SWEP's unique plate design enables a virtually unlimited number of combinations in any given plate package execution to precisely match the thermal transfer requirements of your application.



## Easy to choose the right product solution

With SWEP's unique SSP 2000, 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 B28 or our other products, please contact your local SWEP representative.