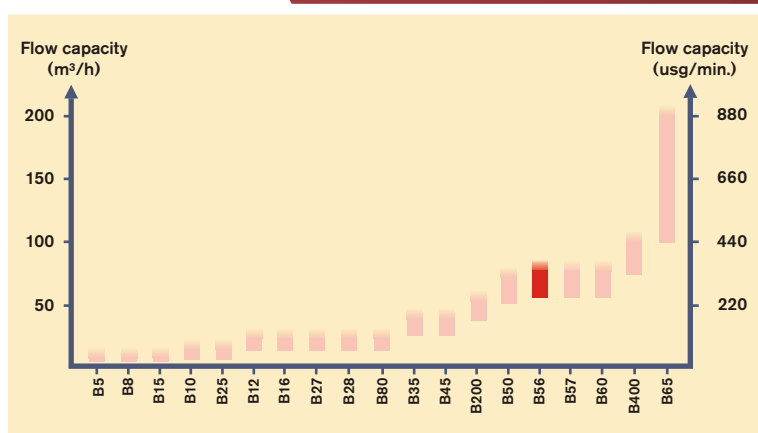


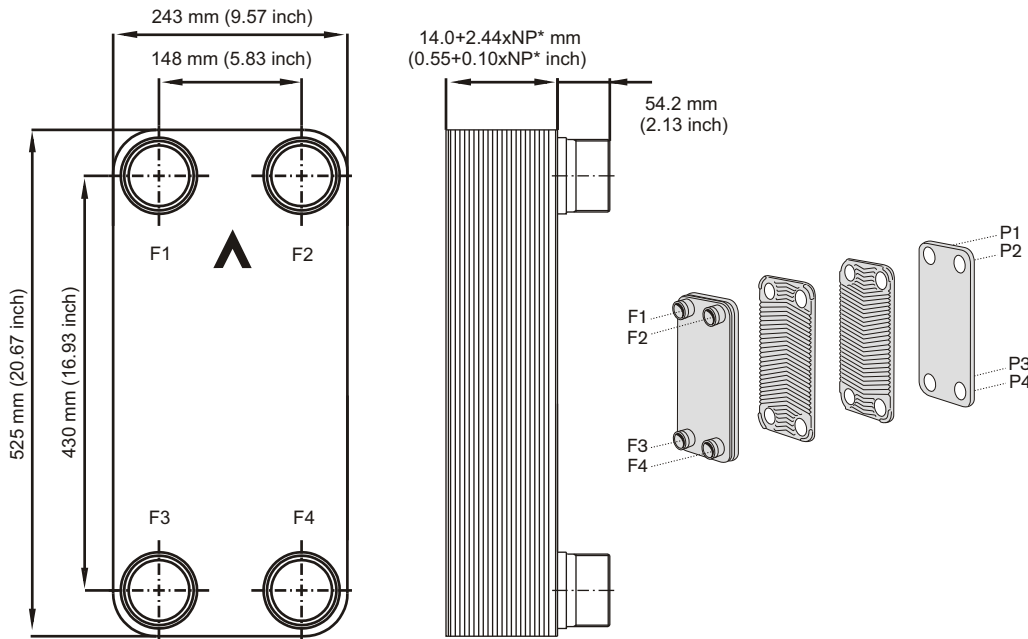
COMPACT BRAZED HEAT EXCHANGER

B56



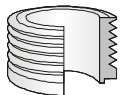
The B56 is specially adapted to offer efficient heat transfer in heating and industrial applications. The product is frequently used in district heating, and also in oil coolers. Adapted to operate efficiently in a selected capacity interval, the product has become a natural choice in many demanding applications.

B56

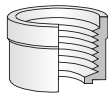


STANDARD CONNECTIONS

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



Externally threaded



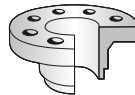
Internally threaded



Soldering



Victaulic



DNC Flanges

TECHNICAL DATA

Max flow rate	78 m ³ /h (343 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	250
CBE weight dry (approx.)	16.0 + 0.431 × NP* kg (35.3 + 0.95 × NP* lb)
Hold-up volume: inner circuit	0.210 × (NP*/2 - 1) litre (0.055 × (NP*/2 - 1) gal.)
Hold-up volume: outer circuit	0.300 × NP*/2 litre (0.079 × (NP*/2) gal.)
Standard connection size	2 1/2"
Connection height	54.2 mm (2.13 inch) or 81 mm (3.19 inch)

*NP = Number of plates

MATERIAL

Plate material:	EN 10028/7-1.4401 (AISI 316)
Brazing material:	Pure copper
Connection material:	EN10272 - 1.4401 (AISI316) or EN10222 - 1.0305 (A106)

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 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 B56 or our other products, please contact your local SWEP representative.

MC0209-04

January 2004

Copyright SWEP



SWEP INTERNATIONAL AB

Box 105, SE-261 22 Landskrona, Sweden
Phone +46 418 540 00
Fax +46 418 292 95
Internet: www.swep.net
E-mail: info@swep.net