

Technical specification

Brazed Plate Heat Exchanger



Line ref:
Model: CB110-100M
Item Id: 3287132631
No of units: 1

	Hot side S1 -> T1	Cold Side T4 -> S4
Process data		
Fluid:	Water	Water
Duty type:	Liquid cooling	Liquid heating
Velocity connections:	0	0

Heat exchanger specification	
Heat transfer area:	m ² 0
Relative directions of fluids:	Countercurrent
Number of plates:	100
Number of passes:	2
Channel arrangement:	2*25MH 1*25ML+1*24ML
Channel volume:	dm ³ 10,5 10,3
Number of circuits:	1
Design pressure at -196 °C	bar 30
Design pressure at 225 °C	bar 25
Design temperature (min/max):	°C -196 / 225
Pressure vessel code:	PED
Material Channel plates / Sealing:	ALLOY 316 / Cu
Additional connections:	S2, S3
Connection S1 (Hot-In):	Threaded (External) 2" (B23) ALLOY 316
Connection T1 (Hot-Out):	Threaded (External) 2" (B23) ALLOY 316
Connection T4 (Cold-In):	Threaded (External) 2" (B23) ALLOY 316
Connection S4 (Cold-Out):	Threaded (External) 2" (B23) ALLOY 316
Additional connection S2:	Threaded (External) / 2"ISO 228/1-GB23
Additional connection S3:	Threaded (External) / 2"ISO 228/1-GB23
Unit dimensions (length x width x height):	mm 357 x 191 x 616
Net weight, empty / operating:	kg 42,1 / 0
Packed length x width x height:	mm 574,0 x 780 x 270,0
Packed weight:	kg 52,6

The performance of the equipment is conditioned by the process media and process parameters being consistent with the provided customer data. Data, specifications, and other kind of information of technological nature set out in this document and submitted by Alfa Laval to you (Proprietary Information) are intellectual proprietary rights of Alfa Laval. The Proprietary Information shall remain the exclusive property of Alfa Laval and shall only be used for the purpose of evaluating Alfa Laval's quotation. The Proprietary Information may not, without the written consent of Alfa Laval, be used or copied, reproduced, transmitted or communicated or disclosed in any other way to a third party.

Technical specification

Brazed Plate Heat Exchanger



Line ref:
Model: CB110-100M
Item Id: 3287132631
No of units: 1

Fluid properties	Hot side	Cold Side
------------------	----------	-----------

The performance of the equipment is conditioned by the process media and process parameters being consistent with the provided customer data. Data, specifications, and other kind of information of technological nature set out in this document and submitted by Alfa Laval to you (Proprietary Information) are intellectual proprietary rights of Alfa Laval. The Proprietary Information shall remain the exclusive property of Alfa Laval and shall only be used for the purpose of evaluating Alfa Laval's quotation. The Proprietary Information may not, without the written consent of Alfa Laval, be used or copied, reproduced, transmitted or communicated or disclosed in any other way to a third party.