



Plate Heat Exchanger Datasheet

Danfoss

Danfoss Hexact(v4.1.11)

Ref.: AP20171222105249

Customer:	Daugavpils 16. v-skola	Contact person:	
Project:	Ventilācijas sistēma P1	E-mail:	
HEX Type:	XB06L-1-26	Engineer:	AP
Unit:	1 (Parallel)	Code:	004B2028
		Date:	2017.12.22. 10:54:11

Calculated parameters	Unit	Side1	Side2
Flow Type		Counter current	
Load	kW		18,50
Inlet temperature	°C	95,00	60,00
Outlet temperature (Specified)	°C	65,00	80,00
Outlet temperature (Actual)	°C	--	--
Mass FlowRate	kg/h	528,8	794,9
Volumetric Flowrate	L/min	9,155	13,463
Surface margin	%		23,4
LMTD	K		9,10
HTC(Available / Required)	W/m^2-K		3872/3136
Total pressure drop	kPa	1,38	2,61
Pressure drop - In port	kPa	0,18	0,40
Port velocity	m/s	0,56	0,84

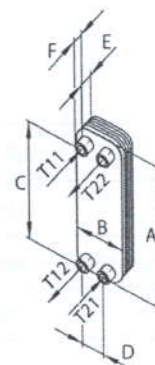
Properties of fluid	Unit	Side1	Side2
Fluid		Water	Water
Dynamic viscosity	mPa-s	0,3566	0,4058
Density	kg/m^3	972,7	978,6
Heat capacity	kJ/kg-K	4,196	4,188

Specification:	Unit	Side1	Side2
HEX Type:			XB06L-1-26
Number of plates:	---		26
Max.number of plates in current frame:	---		--
Grouping:	---		1*12L/1*13L
Heat transfer area:	m^2		0,65
Plate Material:	---		EN1.4404(AISI316L)
Gasket / Brazing Material:	---		CU
Connection size:	---		G 3/4
Connection type:	---		Thread
Frame color:	---		--
Certification/Approval type:	---		PED Art 4.3
Volume:	L	0,3	0,325
Weight:	kg		2,75
Design Temp. (Max/Min):	°C		95/60
Design Pressure(Max):	bar		25

Items:		
Code	Pcs	Components
004B2028	1	XB06L-1-26

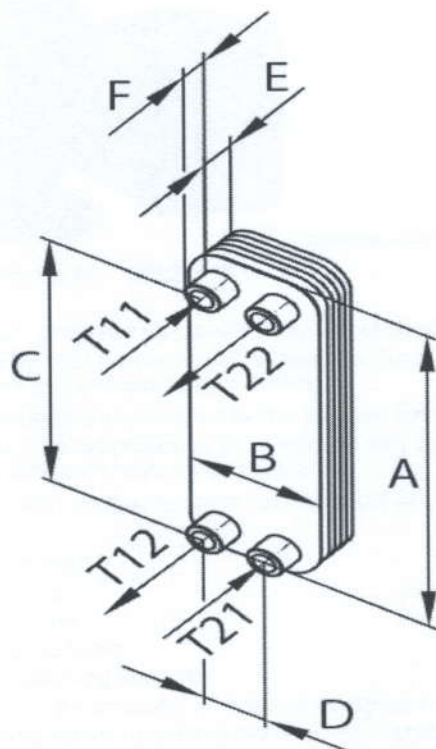
External Dimensions:			
A (mm):	320	B (mm):	95
C (mm):	270	D (mm):	45
E (mm):	48,6	F (mm):	20
Warning: Dimensions are for reference purposes only and are not to be used for construction.			

Comments:
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Connection: Thread

Type	Flow	Size
T11	Side1 Inlet	G 3/4
T22	Side2 Outlet	G 3/4
T12	Side1 Outlet	G 3/4
T21	Side2 Inlet	G 3/4

HEX Type: XB06L-1-26

Weight (kg) 2,75

Code: 004B2028

Volume(L): 0,300/0,325

Quote No.: AP20171222105249

Certification/Approval type: PED Art 4.3

Plate Material: EN1.4404(AISI316L)

Engineer: AP

Dimension (mm)

A :	320	B :	95
C :	270	D :	45
E :	48,6	F :	20

Gasket / Brazing Material: --

Date 2017.12.22. 10:54:11

Design Temp. (Max/Min)(°C): 180/-10

Customer/Project Daugavpils 16. v-skola/Ventilācijas

Design Pressure(Max)(bar): 25

Contact person:

Warning: Dimensions are for reference purposes only and are not to be used for construction.