

Data sheet

Micro Plate Heat Exchanger (MPHE): XB25

Description



Micro Plate Heat Exchangers - a revolutionary technology from Danfoss.
Characterized by their unique plate pattern, MPHEs enable heat to be transferred more efficient than any previous model of heat

Benefits:

exchangers.

- Energy and cost savings
- · Better heat transfer
- Lower pressure loss
- More flexible design
- · Longer life time

more on: MPHE.danfoss.com

XB25 is copper brazed heat exchanger, designed and configured for District Heating, District Cooling and other Heating applications.

Approval:

Pressure Equipment Directive (PED).

Ordering

1-pass heat exchanger XB25

Picture	No. of plates, n	Connection	Code No.
	8	Thread G ¾	004H4324
00	10		004H4325
	16		004H4326
	20		004H4327
	26		004H4328
	30		004H4329
	36		004H4330
	40		004H4331
	50		004H4332
	60		004H4333
	66		004H4334

Accessories-**Tailpieces**

Picture		Description	Connection	Code No.1)	
-Ai		Solder tailpieces	G ¾/15 mm	004B2945	
1-491			G ¾/18 mm	004B2946	
		Weld-on tailpieces	G ¾/DN 20	004B2944	
m _B ı		Threaded tailpieces	G ¾/G ¾	004B2947	
пН			G ¾/G 1	004B2953	

¹⁾ One set contains 2 tailpieces with union nuts and gaskets

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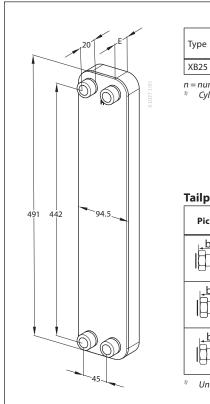
Micro Plate Heat Exchanger (MPHE) XB25

Technical data

Туре		Heat exchanger XB25H		
Max. working pressure	bar	25		
Max. operating temp.	°C	DH 180, DC 100		
Min. operating temp.		-10		
Flow medium		"DH: Circulation water / glycolic water up to 50% transfer media. DC: ethylene-, propylene-glycolic water, ethanol-water solutions and other suitable heat transfer media. (Please contact your Danfoss representative)."		
Volume / Channel	Ltr	0.059		
Connection type		Cylindrical external thread acc. to DIN ISO 228/1		
Connection size		G¾"		
Weight	kg	0.09 x NoP + 0.99		
Materials				
Plate		Stainless steel, EN 1.4404 (AISI 316L)		
Brazing		Copper (Cu); Copper-Nickel (CuNi)*		

^{*} Available on enquiry

Dimension



Туре	Connection			
XB25	G 3/4 1)	(mm) H: 6.5 + 1.55 × n		
NUZJ	J 0 /4	11. 0.5 1 1.55 \ 11		

n = number of plates

Tailpieces

Picture	Description	Connection	а	b	SW 1)	Code No.
				mm		Code No.
b a	Solder tailpieces	G ¾ / 15 mm	15	35	32	004B2945
		G ¾ / 18 mm	18	35	32	004B2946
b a	Weld-on tailpieces	G ¾ / DN 20	21.2	35	32	004B2944
<u>b</u> ↓ ↓ a	Threaded tailpieces	G ¾ / G ¾	3/4"	40	32	004B2947
		G ¾ / G 1	1″	22	32	004B2953

Union nut, width across flats

Heating Segment • heating.danfoss.com • +45 7488 2222 • E-Mail: heating@danfoss.com

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Cylindrical external thread acc, to DIN ISO 228/1