

## 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 exchangers.

**Benefits:**

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

more on:

[MPHE.danfoss.com](http://MPHE.danfoss.com)

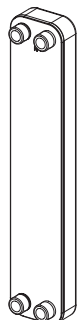
XB25 is copper brazed heat exchanger, designed and configured for District Heating, District Cooling and other Heating applications.

**Approval:**




Pressure Equipment Directive (PED).

## Ordering

1-pass heat exchanger **XB25**

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

Accessories-**Tailpieces**

Picture	Description	Connection	Code No. <sup>1)</sup>
	Solder tailpieces	G ¾/15 mm	<b>004B2945</b>
		G ¾/18 mm	<b>004B2946</b>
	Weld-on tailpieces	G ¾/DN 20	<b>004B2944</b>
	Threaded tailpieces	G ¾/G ¾	<b>004B2947</b>
		G ¾/G 1	<b>004B2953</b>

<sup>1)</sup> One set contains 2 tailpieces with union nuts and gaskets

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## Micro Plate Heat Exchanger (MPHE) XB25

## Technical data

Type		Heat exchanger XB25H
Max. working pressure	bar	25
Max. operating temp.		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

Type	Connection	E (mm)
XB25	G $\frac{3}{4}$ <sup>1)</sup>	H: 6,5 + 1,55 × n

n = number of plates

<sup>1)</sup> Cylindrical external thread acc. to DIN ISO 228/1

## Tailpieces

Picture	Description	Connection	a	b	SW <sup>1)</sup>	Code No.
			mm			
	Solder tailpieces	G $\frac{3}{4}$ / 15 mm	15	35	32	004B2945
		G $\frac{3}{4}$ / 18 mm	18	35	32	004B2946
	Weld-on tailpieces	G $\frac{3}{4}$ / DN 20	21,2	35	32	004B2944
	Threaded tailpieces	G $\frac{3}{4}$ / G $\frac{3}{4}$	$\frac{3}{4}$ "	40	32	004B2947
		G $\frac{3}{4}$ / G 1	1"	22	32	004B2953

<sup>1)</sup> Union nut, width across flats