

Data sheet

Micro plate heat exchanger (MPHE): XBDW22H

Description



XBDW22 is double wall heat exchanger designed for application where the flow mediums are not allowed to mix. The double wall heat exchanger prevents primary media to be mixed with the secondary media if there is and internal leak in the unit.


Two stainless steel plates separate primary and secondary side with an air gap in between. In the event of a leak, the leaking media flows into the air gap to the outside, enabling visual detection of the leak applications.

Approval:




- Pressure Equipment Directive (PED)
- KIWA ATA

Ordering

1-pass heat exchanger XBDW22H

Picture	No. of plates, n	Code No.
		Type B
	10	004H4360
	16	004H4363
	20	004H4365
	26	004H4368
	30	004H4370
	36	004H4372
	40	004H4373
	48	004H4376

Accessories-Tailpieces

Picture	Description	Connection	Code No. ¹⁾
	Solder tailpieces	G 3/4 /15 mm	004B2945
		G 3/4 /18 mm	004B2946
	Weld-on tailpieces	G 3/4 /DN 20	004B2944
	Threaded tailpieces	G 3/4 /G 3/4	004B2947
		G 3/4 /G 1	004B2953

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

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Technical data

Max. working pressure	bar	16
Min. / Max. temperature	°C	Primary side -196/180; Secondary side: -196/100
Flow medium		DH: Circulation water / glycolic water up to 50% DC: ethylene-, propylene-glycolic water, ethanol-water solutions and other suitable heat transfer media. (Please contact your Danfoss representative).
Volume/channel	Ltr	0,032
Connection type		Cylindrical thread acc. to DIN ISO 228/1
Connection size		G ¾
Weight	kg	Type B: 0.95+0.176*NoP

Materials

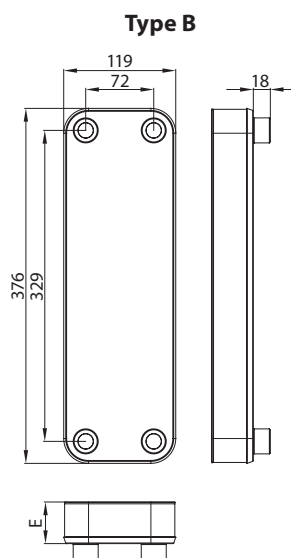
Plate	Stainless steel, 316 Group
Brazing	Copper (Cu)

Dimensions




Type	Connection	E (mm)
XBDW22H	G ¾ ¹⁾	8 + 1,6 × n

n = number of plates

¹⁾ Cylindrical thread acc. to DIN ISO 228/1



Tailpieces

Picture	Description	Connection	a	b	SW ²⁾	Code No.
			mm			
	Solder tailpieces	G ¾ / 15 mm	15	35	32	004B2945
		G ¾ / 18 mm	18	35	32	004B2946
	Weld-on tailpieces	G ¾ / DN 20	21,2	35	32	004B2944
	Threaded tailpieces	G ¾ / G ¾	¾"	40	32	004B2947
		G ¾ / G 1	1"	22	32	004B2953

²⁾ Union nut, with across flats

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