

Data sheet

Micro Plate Heat Exchanger (MPHE): XB66H

Description



Micro Plate Heat Exchangers - a revolutionary technology from Danfoss.

Characterized by their unique plate pattern, MPHEs enable heat to be transferred more effectively 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

XB66 is copper brazed heat exchanger, designed and configured for District Heating, District Cooling and other Heating applications.

Approval:

Pressure Equipment Directive (PED) 97/23/EC.

Ordering

Heat exchanger XB66H-1

Picture	No. of plates, n	Code No.
	40	004B1987
	50	004B1988
	60	004B1989
	70	004B1990
	80	004B1991
	90	004B1992
	100	004B1993
	110	004B1994
	120	004B1995
	140	004B1996
	160	004B1997
	180	004B1998
	200	004B1999

Note: Brackets has to be ordered separately.

XB66 is provided with compact flanges, installing with standard flanges is not possible. Recommend Danfoss counter flanges.

Accessories - Insulations

Type coverage (plate nos)	Code No.
40-90	004B3542
91-200	004B3543
/	004B3544

Accessories - Bracket SB

Type coverage (plate nos)	Code No.
40-90	004B1788
91-200	004B1789
/	004B1790

Accessories - Counter-flanges

Туре	Code No.
DN65 compact flange, for DHW 1)	004B3545
DN65 compact flange, for Heating 2)	004B3546

⁹ 2 pcs of mild steel flanges, 2pcs 1.4404 flanges (Hot water) including o-rings drinking water: FDA: 21CFR Ch I § 177.2600

DH-SMT/SI **VD.GS.T1.02** © Danfoss 06/2013

²⁾ Counter flanges of mild steel in sets of 4 pcs

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Technical data

Heat exchanger XB66H

Max working pressure	PN	25
Min. / Max. temperature	°C	-10 / 180
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).
Plate corrugation		Н
Voume / Channel	Ltr	H: 0,219
Primary side vol.:	LU	(n/2)-1 * vol/channel
Connections		Compact Flange DN65 1.4404 PN25
Weight kg		13,6+0,43*n
Materials		
Plate material		Stainless steel, mat. no. 1.4404 (316L)
Brazing		Copper

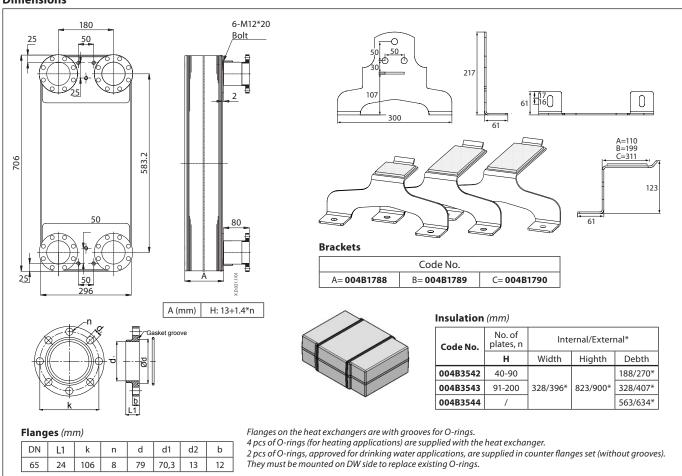
Insulation

Туре		Polyurethane shell with polystryrene cover
	Polyurethane	20-33 mm
Core	Heat conductivity λ	0.029 W/mK
	Max. temperature	130°C (permanent); short-term: 150°C
Cover	Polystyrene, light grey RAL 7040	0.8-3.0 mm

Note

For more details about insulation please contact your Danfoss sales representative.

Dimensions



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