



Plate Heat Exchanger XGM032

Danfoss XGM plate heat exchangers have been developed specifically for District Energy applications like District Heating and Cooling ensuring you a reliable high efficient plate heat exchanger fulfilling your needs.

Main data:

- Min. temperature -10 °C
- Max. temperature 150 °C
- Max. working pressure 16 bar
- Circulation water / glycolic water up to 50 %
- Connection size DN 32

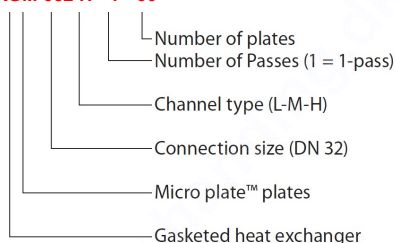
Approvals:

- Pressure Equipment Directive (PED) 97/23/EC
- GOST/Russia

Max working pressure	PN	16
Max. operating temp.	°C	150
Min. operating temp. ¹⁾		-10
Flow medium	Circulation water / glycolic water up to 50 %	
Volume / Channel	Ltr	H: 0,219
Primary side vol.:		(n/2)-1 x vol/channel
Connection type	Cylindrical external thread acc. to DIN ISO 228/1	
Connection size	G 1¼	
Plate material	Stainless steel, mat. no. EN 1.4404	
Gasket material, rubber	EPDM	

¹⁾ At flow temp. below 2 °C glycolic water must be used

XGM 032 H - 1 - 60

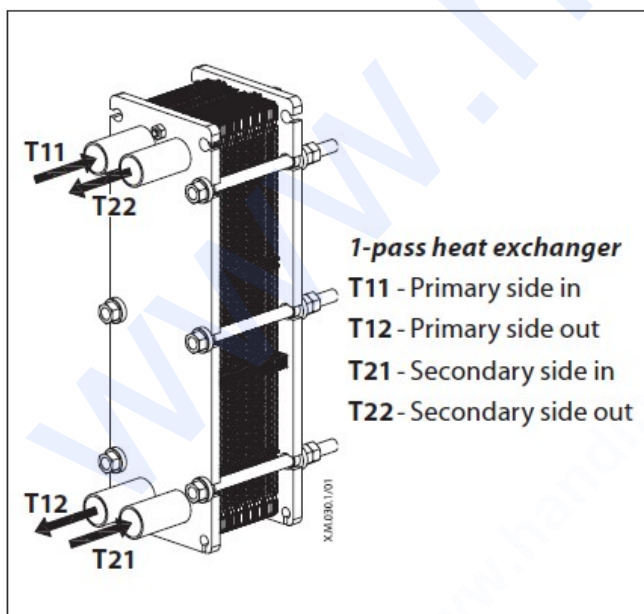
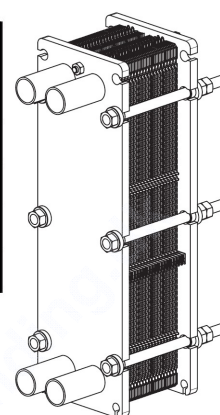


Insulation properties

Type		Coated steel sheet and polyester insulation	
Heat conductivity, λ		W/mK	0,042
Max temperature	Permanent	°C	150
	Short term peak		180
Wall thickness,		mm	30

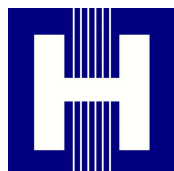
Note:

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



The heat exchangers are made of shape-pressed heat plates between which the flow channels are created. Gaskets between the plates separate the flow channels from each other so that the flows do not mix. The heavy turbulence and counter-flow principle enables efficient heat transfer. The task of the heat exchanger is to transfer heat from the primary to secondary flow through a heat transfer plate thus preventing the flows from mixing with each other. The plate heat exchanger with gaskets can be opened for cleaning and for replacement of plates and gaskets. A steeples output adjustment can be carried out by changing the number of plates.

The choice of heat exchanger is determined by the desired heat output, required temperatures and the permitted pressure losses.



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Pladevarmeveksler Danfoss XGM 032 - 1 - 60

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 Der tages forbehold for fejl.
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 We make reservation for possible errors.

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Alle mål i mm.
 All measures in mm.

Lager nr. /LH

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