

GG-DG-Series

PLATE HEAT EXCHANGERS FOR HEALTHY POTABLE WATER



GG-DG-Series

For the heating of healthy potable water efficient and reliable plate heat exchangers are required. Our gasketed plate heat exchangers comply with the European and international requirements and perform the efficiency that is expected by an industrial leader.

FEM – optimised pressure plates in powder-coated steel offer maximum safety and lifetime for plate heat exchangers up to 100 plates.

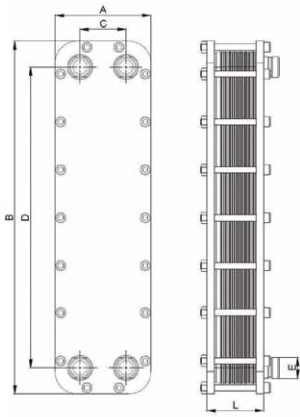
Even with constant and dynamic loads the plate design protects the gaskets.

The combination makes it

The plate heat exchanger is constructed with a stainless steel plate pack combined with FDA-listed gaskets. By the special design the port area is protected twice against the intermixing of the reversed media flows.

Your advantages at a glance:

- free of no-ferrous metal
- preferred for potable water applications
- corrosion resistant
- low investment costs
- long lifetime
- gaskets FDA-listed
- light weight
- compact design



We need following information to select the optimum heat exchanger

- required temperature range
- flow rates or required heat load
- maximal permitted pressure drop
- required working conditions

Type	(bar)	Standard dimensions (mm)				(mm)	(kg)	(Litre/Chanel)	
Plate heat exchanger	Pressure	A	B	C	D	L-Dimension N = number of plates	Mass N = number of plates	Volume	Max. number of plates
Sealing material EPDM									
GGE-DG 240H-...-E	10	110,3	482,5	43	415	L=30,00+2,26xN	W=11,75+0,140xN	0,070	100
GGS-DG 240H-...-E	16	110,3	482,5	43	415	L=30,00+2,26xN	W=11,75+0,140xN	0,070	100
GGE-DG 500H-...-E	10	152	560	73	478	L=34,00+2,30xN	W=21,35+0,276xN	0,100	100
GGS-DG 500H-...-E	16	152	560	73	478	L=34,00+2,30xN	W=21,35+0,276xN	0,100	100
Sealing material NBR									
GGE-DG 500H-...-N	10	152	560	73	478	L=34,00+2,30xN	W=21,35+0,276xN	0,100	100
GGS-DG 500H-...-N	16	152	560	73	478	L=34,00+2,30xN	W=21,35+0,276xN	0,100	100

GG-DG-Series: Specifications

- plate material: Stainless steel 1.4401 / 1.4404
- gaskets: EPDM or NBR
- pressure frame: Powder-coated steel
- tension bolts: Steel

Performance limits

- working temperature: -20°C to +110°C / -4°F to +230°F
- working pressure: up to 16 bar / 232 psi

Approval

- PED SEP article 3 paragraph 3
- KIWA
- SVGW
- gaskets FDA-listed



The specifications contained in this brochure are intended only to serve the non-binding description of our products and services and are not subject to guarantee. Binding specifications, especially pertaining to performance data and suitability for specific operating purposes, are dependent upon the individual circumstances at the operation location and can, therefore, only be made in terms of precise requests.

Kelvion Brazed PHE GmbH
 Remsaer Straße 2a, 04603 Nobitz-Wilchwitz, Deutschland
 Tel. +49 34 47 55 39-0
 Fax +49 34 47 55 39-30
 sales.nobitz@kelvion.com
 www.kelvion.com

Kelvion PHE GmbH
 Karl-Schiller-Straße 1-3, 31157 Sarstedt, Deutschland
 Tel. +49 50 66 601-0
 Fax +49 50 66 601-134
 sarstedt@kelvion.com