

DW Series – Brazed Plate Heat Exchangers

Double protection

Efficient, compact, safe: The high standards used by GEA PHE Systems in developing individual solutions constitutes the basis of your success. The DW Series turns our brazed plate heat exchangers into an extremely safe variant that prevents mixing reliably. DW stands for “Double Wall” because this series features double-wall, hermetically sealed plates. Our compact double-wall design provides double safety and keeps your media separate from one another even under the toughest conditions.

To ensure a high degree of safety in your process, our engineers play it safe in several respects. Should an internal leak occur one day, the second wall in our plate heat exchanger will be a reliable barrier. This technical trick of the DW Series ensures that our customers can identify any possible leaks in good time and take action immediately. With its DW Series, GEA PHE Systems offers an extraordinarily reliable partner with double safety.

A rugged plate structure and optimised plate design increase the pressure resistance up to 45 bar, which makes this series of apparatus perfectly prepared for the most different challenges.

Twice as safe:

- Double-wall safety design
- Reliable media separation
- Copper brazing
- Revised plate design
- Higher pressure resistance and increased capacity
- Designed for house connection stations and heat pumps



DW Series: Technical data

Plate material: 1.4401 / AISI 316

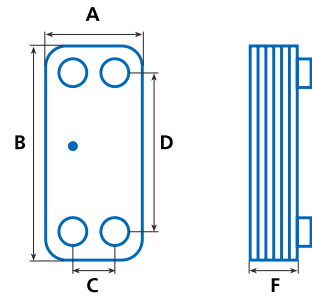
Brazing material: Copper

Performance: 0 to 195°C

GBS-DW 16 bar

GBH-DW 45 bar

Approvals: PED (CE), ASME, KIWA, further approvals upon request



Features:



1.4401, copper-brazed	A	B	C	D	F N = number of plates	Connection	Volume (litres/channel)	Max. number of plates	
Type	Standard dimensions (mm)								
GBS-DW400 GBH-DW400	127	337	73	281	12+2,4xN	G1 1/4a /ø35	0,065	100	
GBS-DW500 GBH-DW500	127	534	73	478	12+2,4xN	G1 1/4a /ø35	0,100	100	

The specifications contained in this printing unit 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.

Your contact:



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