

GEABloc – Fully Welded Plate Heat Exchangers

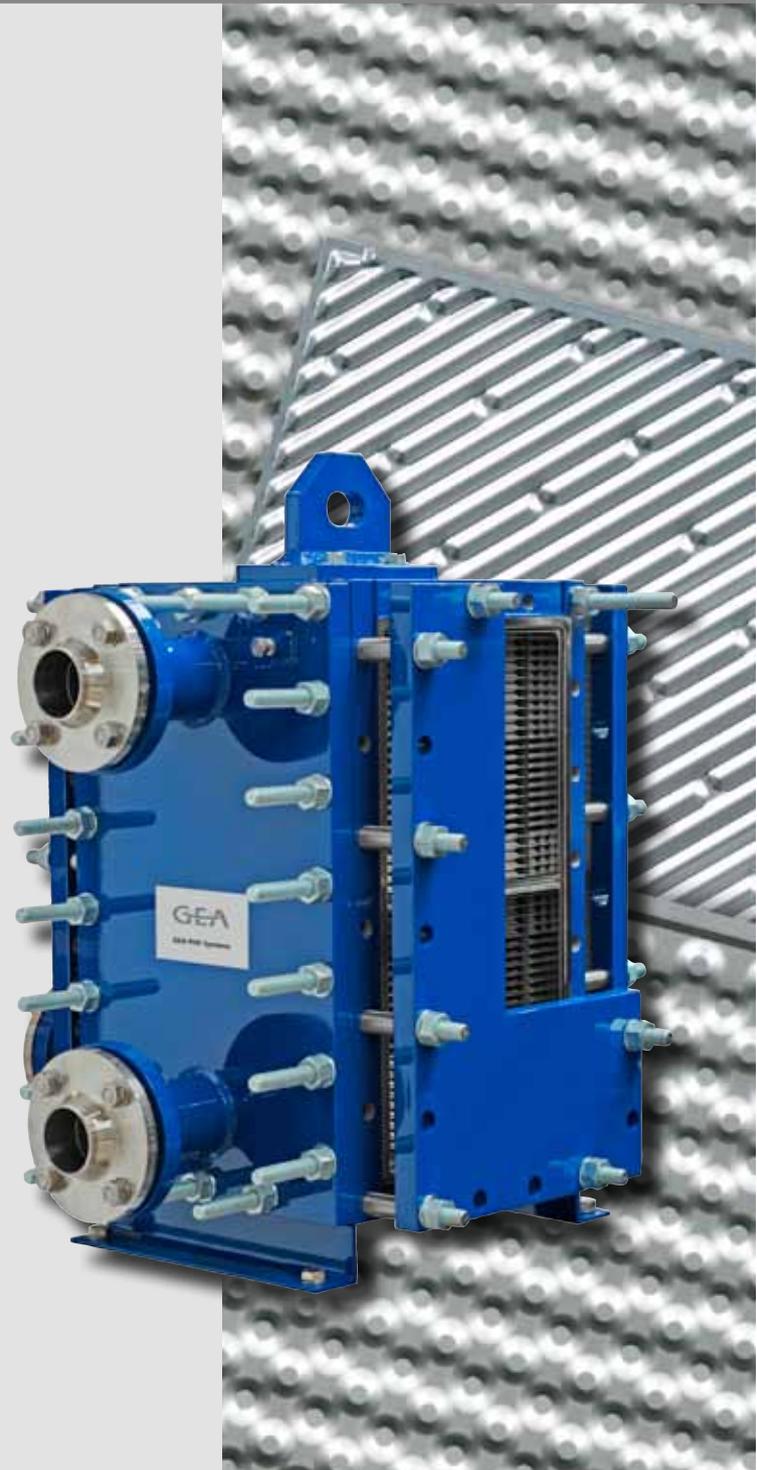
Easy to open – quick to clean

GEABloc is a fully welded plate heat exchanger, available with two different types of plates (chevron, dimple). The special dimple plate pattern allows best cleaning possibilities.

The frame consists of four columns, a top and bottom plate together with four side panels with the connections. All frame components are bolted together and the panels can be easily dismantled to clean and inspect the plate package.

The GEABloc works at temperatures up to 288°C and pressures up to 32 bar. Its principle uses are the oil/gas industry, the petrochemical and chemical industry, the motor industry and also the pulp and paper industry.

- Fully welded plate package
- Chevron & dimple plate pattern
- Accessible on both media sides
- Perfect cleaning possibility
- Small foot print



GEABloc size range and materials

| Model No. | Surface / Plate | | Length x Width | | Maximum Unit Height | | Connection Sizes | | Max. number of plates |
|-----------|-----------------|-----------------|----------------|---------|---------------------|--------|------------------|--------|-----------------------|
| | m ² | ft ² | mm | inches | mm | inches | DN | inches | |
| BT 20 | 0.061 | 0.657 | 200 x 200 | 8 x 8 | 818 | 32" | 50-150 | 2"-6" | 100 |
| BT 30 | 0.108 | 1.162 | 300 x 300 | 12 x 12 | 1410 | 56" | 50-250 | 2"-10" | 200 |
| BT 40 | 0.145 | 1.556 | 400 x 400 | 16 x 16 | 1803 | 71" | 50-300 | 2"-12" | 250 |
| BT 50 | 0.270 | 2.906 | 500 x 500 | 20 x 20 | 2092 | 82" | 50-350 | 2"-14" | 300 |
| BT 75 | 0.639 | 6.878 | 750 x 750 | 30 x 30 | 3386 | 133" | 50-600 | 2"-24" | 500 |

Plate materials

- AISI 304L
- 316L
- SMO 254
- alloy C22
- nickel
- titanium

Frame materials

- AISI 516 Gr 60/70 with or without lining

Liner materials

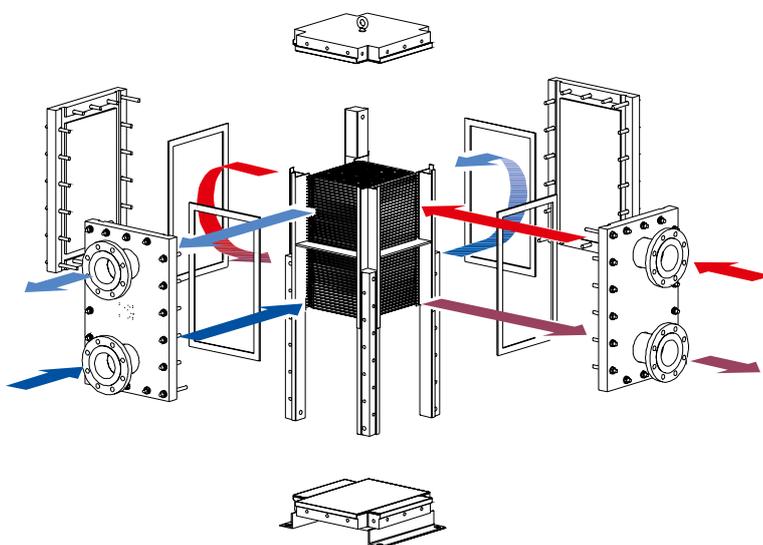
- stainless steel or alloys

All media-contacting components are made from high-grade alloys or materials. The bolted frame provides easy access for maintenance and cleaning.

GEABloc facts

Temperature: -20 to +55°F/-28 to +288°C

Pressure Ratings: 100, 150, 250, 350, 450 psi/6, 10, 16, 25, 32 bar



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- Chemical
- Paper
- Food
- Power
- Marine
- General Industry
- Renewable Energy

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