VacInox, the solution for highest requirements for potable water applications and industrial processes.

VacInox is our new, unique and revolutionary technology for a solid/resistant connection of stainless steel plates. It enables a compact design and a maximal corrosion resistance.

To meet the increased demands in terms of high temperatures and pressures up to 35 bar/508 psi a special brazing filler free of non-ferrous metals is used.

The GVH-Series unifies the compact design and economy of a brazed plate heat exchanger with the utility of a shell-and-tube heat exchanger. VacInox is the solution for applications with aggressive media and high pressures.

**ADVANTAGES**

- FREE OF NON-FERROUS METALS
- HIGH CORROSION RESISTANCE
- HIGH PRESSURE RESISTANCE
- COMPACT DESIGN
- LOW INVESTMENT COSTS

**DESIGN & FUNCTION**

VacInox | Brazed Plate Heat Exchangers

FOR DEMANDING MEDIA AT ELEVATED PRESSURE
ALWAYS A SUITABLE SOLUTION AT HAND

The brazed plate heat exchangers from Kelvion offer tailor-made solutions for the widest range of application. We configure the most economically favorable model for you from the wide range of available sizes and the numerous optional features. We adapt this with individually positioned connections to meet your specific requirements.

We need following information to select your optimum heat exchanger

- Required temperature range
- Flow rates or required heat load
- Maximal permitted pressure drop
- Required working conditions

SPECIFICATIONS

- Plate Material: Stainless steel AISI 316L / 1.4404
- Brazing Material: VacInox

FEATURES

- Delta Injection™ (model 400, 500, 700, 800)
- Full-Flow System™ (model 100, 200, 220, 240, 300, 400, 500)
- Safety Chamber™ (model 108, 228, 700, 800, 1000)

PERFORMANCE LIMITS

- Working temperature: -196°C to +200°C / -321°F to +392°F
- Working pressure: up to 35 bar / 508 psi

APPROVAL

- PED (CE)
- ASME VIII-I
- UL

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.

www.kelvion.com