

DVGW-certified plate heat exchanger

New filler metal and brazing regime

UBA-Conformity

Brazed Plate Heat Exchangers

**GVT SERIES | CERTIFIED FOR DRINKING WATER HYGIENE**



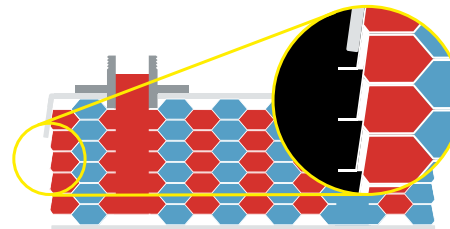
**FEATURES**



**FULL FLOW™**

Ensures continuous flow around the port area to prevent freezing.

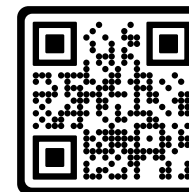
240



**ROLLED EDGE LOCK SYSTEM**

Guarantees a consistent braze joint at the plate overlap and makes a stronger and more leak-proof heat exchanger.

240



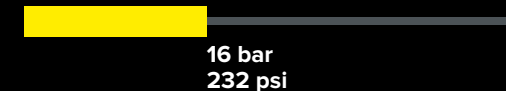
**KELVION SELECT PHE**

Selecting the right Plate Heat Exchanger. ANYTIME. ANYWHERE.

**DESIGN PARAMETER**



**DESIGN PRESSURE**



**DESIGN TEMPERATURE**



**MARKETS**



HVAC



Refrigeration



Power

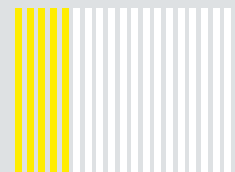


Heavy & Light Industry



**SPECIFICATIONS**

**PRESSURE**



**PLATE TYPE**

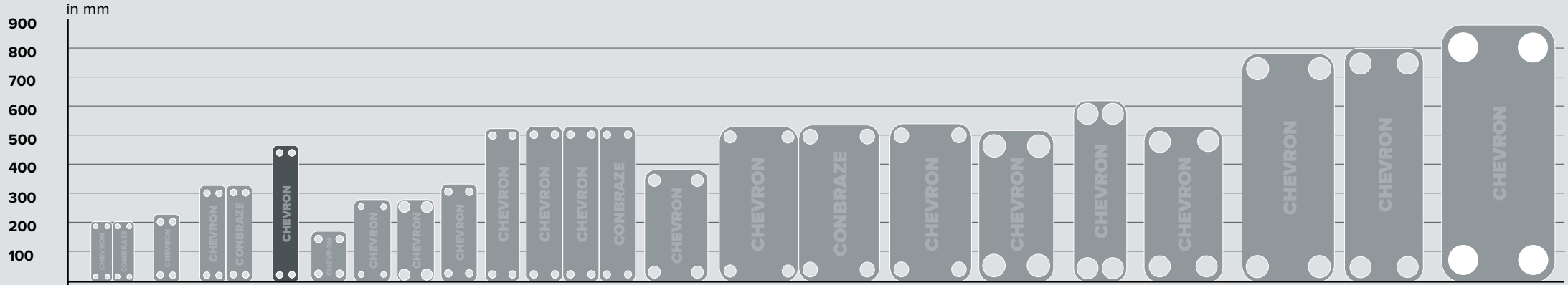
- Chevron
- ConBraze

**BRAZING MATERIAL**

- Copper
- Nickel
- GVT filler metal

**APPROVAL**

- ASME
- DGRL (PED)
- Factory Standard



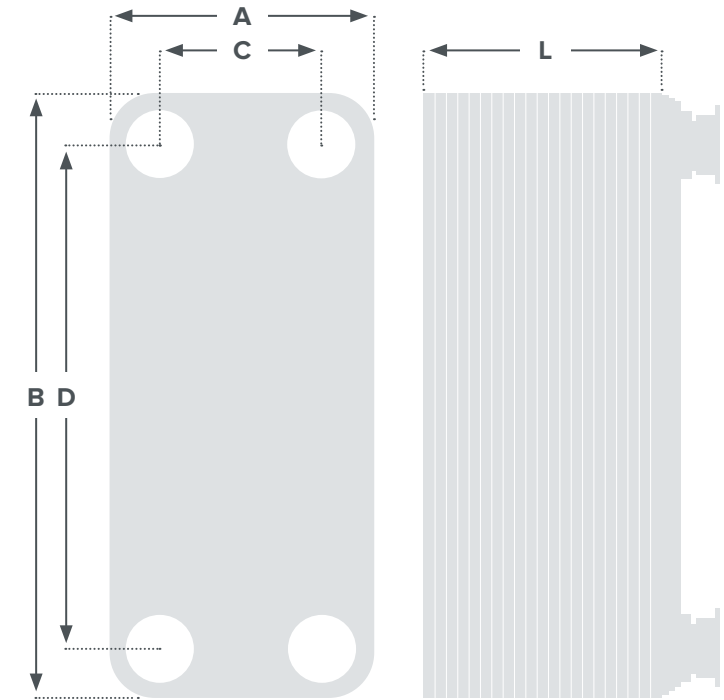
GB...	100	108	200	220	228	240	300	418	420	400	525	500	505	550	600	700	770	757	760	790	800	910	900	1000	
Conn.*	G ¾	G ¾	G1	G1	G1	G1	G1 ¼	G1	G1 ¼	G1 ¼	G1 ¼	G1 ¼	G1 ¼	G1 ¼	G2 ½	G2 ½	G3	G2 ½	G3	G2 ½	G3	G2 ½	G3	G3	G3

\* Maximum Connection

available sizes

not available in this series

Type	Pressure bar	Dimensions				L-Dimension L [mm]	Weight* [kg]	Volume (Litre/ Channel)	Max. number of plates
		A [mm]	B [mm]	C [mm]	D [mm]				
GVT 240H	16/16	90	464	43	415	L=12,2+2,24xN	W=1,65+0,130xN	0,070	50



\*N = number of plates | \*\*L-Dimension depending on corrugation type

The specifications contained in this document 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.



A new EU Drinking Water Directive has introduced binding limits for nickel migration in drinking water systems: These requirements must be met for all newly installed systems from January 1, 2027, and for all existing systems from January 1, 2033 (with a transition period between 2027 and 2033, during which national regulations will continue to apply).

#### IMPLEMENTATION AT KELVION:

To ensure compliance, Kelvion developed a plate heat exchanger using a **special brazing alloy and a dedicated brazing process** that reliably meets the nickel migration limits defined in the directive. The product successfully passed an extensive certification procedure, resulting in official **DVGW confirmation** of drinking-water suitability for this plate heat exchanger type.