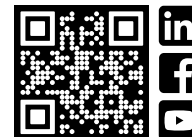


Kelvion



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Brazed Plate Heat Exchangers

GVH-HP SERIES

High thermal efficiency,
high operating pressure

Compact design
and minimal space
requirements

Free of non-ferrous
metals



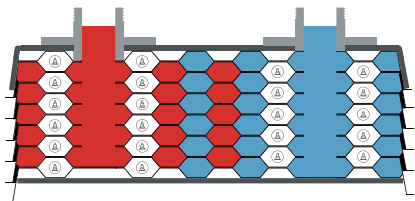
FEATURES



FULL FLOW™

Ensures continuous flow around the port area to prevent freezing.

500



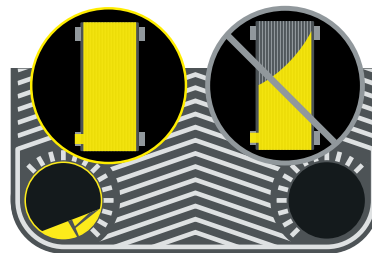
SAFETY CHAMBER™

Absorbs the stress from thermal shock and pressure in the port area and prevents internal leaks and premature failure.

700 1000

DISTRIBUTION TECHNOLOGY EQ-PIPE

500 700



DELTA INJECTION™

Refrigerant distribution system particularly developed for evaporator applications. Precise metering of refrigerant to the channels, guaranteeing the highest performance.

500 700M



KELVION SELECT PHE

Selecting the right Plate Heat Exchanger.
ANYTIME. ANYWHERE.

DESIGN PARAMETER



DESIGN PRESSURE

46 bar
667 psi



DESIGN TEMPERATURE

-40 °C
-150°F 150 °C
+302°F

MARKETS



HVAC



Refrigeration



Power



Heavy & Light
Industry

SPECIFICATIONS

PRESSURE

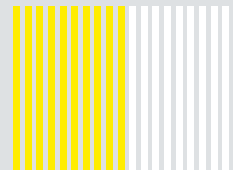


PLATE TYPE

Chevron

ConBraze

BRAZING MATERIAL

Copper

Nickel

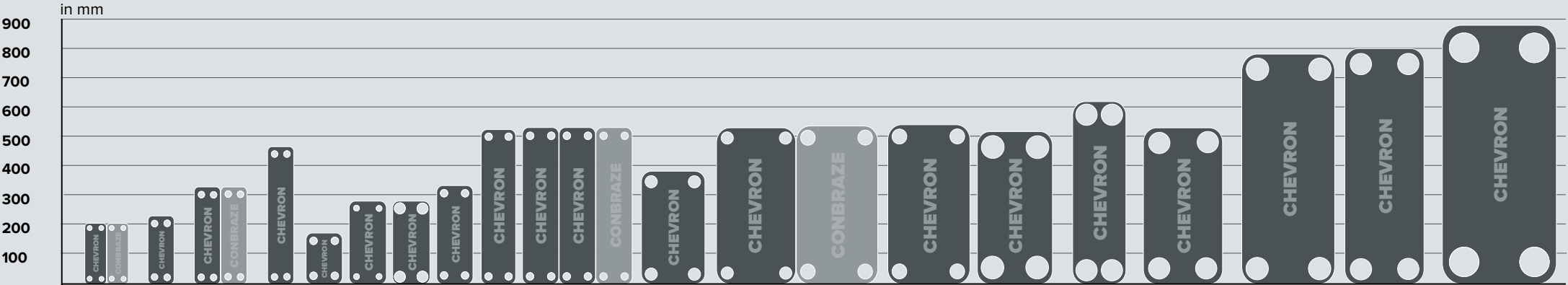
Vacinox

APPROVAL

ASME

EN 13445

Factory Standard



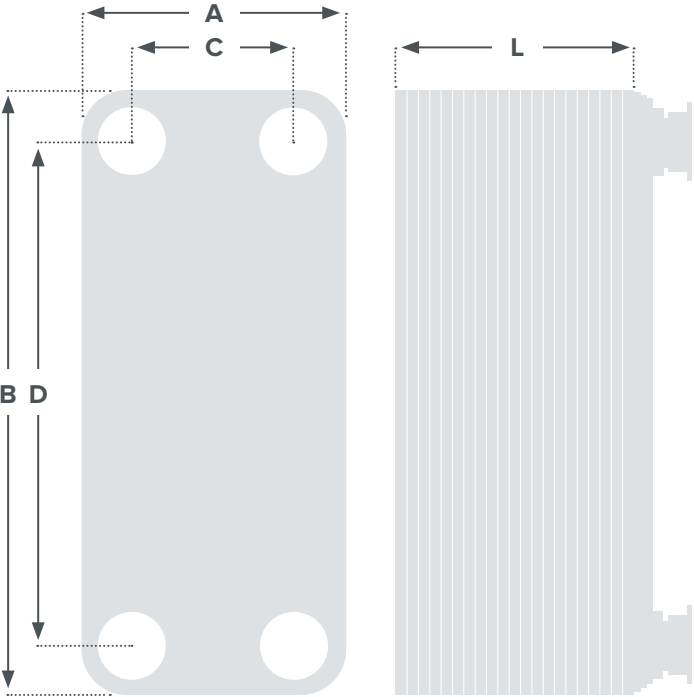
GB...	100	108	200	220	228	240	300	418	420	400	525	500	505	550	600	700	770	757	760	790	800	910	900	1000
Conn.*	G ¾	G ¾	G1	G1	G1	G1	G1 ¼	G1	G1 ¼	G1 ¼	G1 ¼	G1 ¼	G1 ¼	G1 ¼	G2 ½	G2 ½	G3	G2 ½	G3	G2 ½	G3	G2 ½	G3	G3

* Maximum Connection

Type	Pressure	Dimensions				L-Dimension	Weight*	Volume	Max. number of plates
	bar	A [mm]	B [mm]	C [mm]	D [mm]	L [mm]	[kg]	(Litre/Channel)	
GVH-HP 500H	46	195	600	73	478	74.30+2.28xN	64.60+0.330xN	0.100	150
GVH-HP 700L	46	340	621	200	460	118.20+2.34xN	188.80+0.700xN	0.230	150
GVH-HP 700M	46	340	621	200	460	118.20+2.34xN	188.80+0.700xN	0.230	150
GVH-HP 1000L	46/30	500	1050	237	723	156.10+2.33xN	612.85+1.490xN	0.466/0.733	200

Also available as an advanced evaporator with a special Delta Injection™ distribution system for the refrigerant inlet

GVH-HP 500H-AE	46	195	600	73	478	74.30+2.28xN	64.60+0.330xN	0.100	150
GVH-HP 700M-AE	46	340	621	200	460	118.20+2.34xN	188.80+0.700xN	0.230	150



*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.