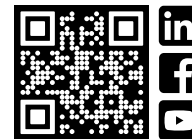


Kelvion



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Brazed Plate Heat Exchangers

GVH SERIES | VACINOX

Free of non-ferrous metals, wide range of applications

Compact design, low investment costs

High corrosion, pressure and temperature resistance



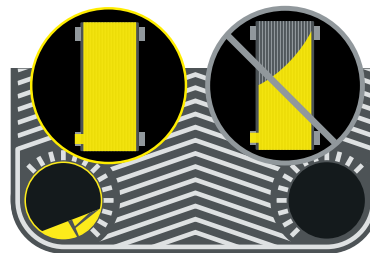
FEATURES



FULL FLOW™

Ensures continuous flow around the port area to prevent freezing.

100 200 220 240 300
400 500



DELTA INJECTION™

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

400 500 700M 800



KELVION SELECT PHE

Selecting the right Plate Heat Exchanger.
ANYTIME. ANYWHERE.

DESIGN PARAMETER



DESIGN PRESSURE

35 bar
507 psi



DESIGN TEMPERATURE

-196 °C
-321°F 200 °C
+392°F

MARKETS



HVAC



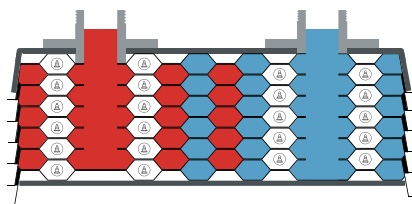
Refrigeration



Power



Heavy & Light Industry



SAFETY CHAMBER™

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

108 228 700 800 1000

SPECIFICATIONS

PRESSURE

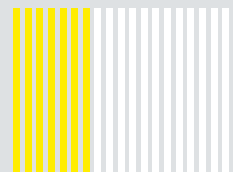


PLATE TYPE

Chevron

ConBraz

BRAZING MATERIAL

Copper

Nickel

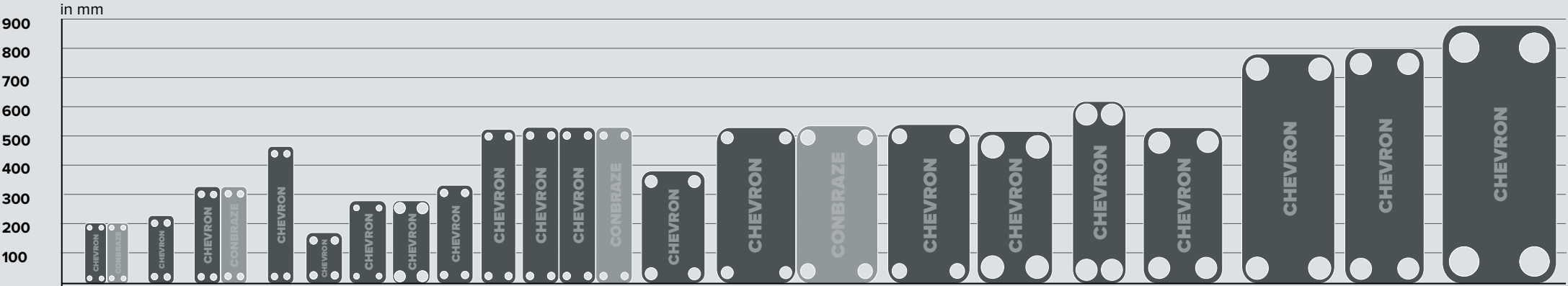
Vacinox

APPROVAL

ASME

EN 13445

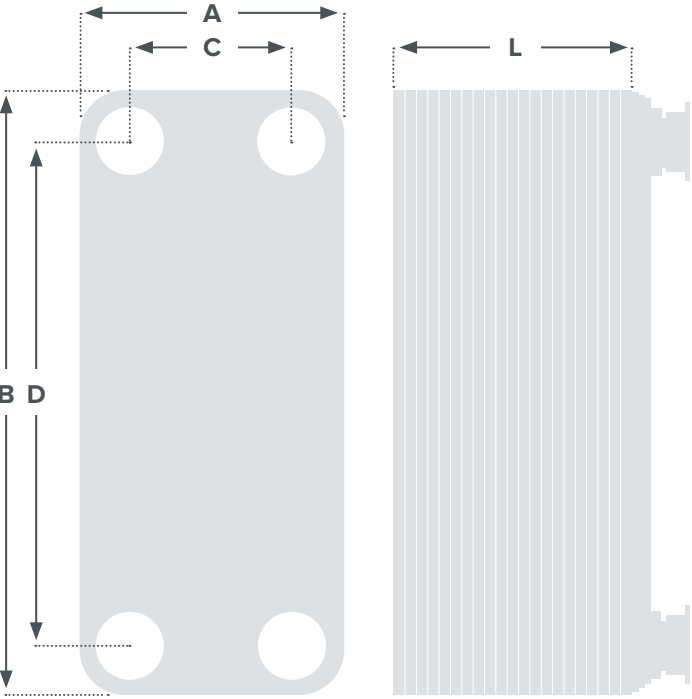
Factory Standard



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 100M	35/30	74	204	40	170	L=10,20+2,23xN	W=0,70+0,050xN	0.025	50
GVH 108H	25	74	204	40	170	L=8,20+1,00xN	W=0,55+0,035xN	0.010	50
GVH 200H	25	90	231	43	182	L=12,20+2,24xN	W=0,90+0,060xN	0.030	50
GVH 220H	25	90	328	43	279	L=12,30+2,25xN	W=1,20+0,090xN	0.046	50
GVH 228 H	25	90	328	43	279	L=11,20+1,00xN	W=1,15+0,065xN	0.019	50
GVH 240H	25	90	464	43	415	L=12,20+2,24xN	W=1,65+0,130xN	0.070	50
GVH 300H	25	124	173	73	120	L=14,20+2,24xN	W=1,45+0,060xN	0.030	50
GVH 400H	25	124	335	73	281	L=12,30+2,25xN	W=1,60+0,120xN	0.065	100
GVH 500H	25	124	532	73	478	L=14,30+2,28xN	W=4,25+0,220xN	0.100	100
GVH 700L	27	271	532	200	460	L=15,70+2,34xN	W=12,20+0,530xN	0.230	150
GVH 700M	27	271	532	200	460	L=15,70+2,34xN	W=12,20+0,530xN	0.230	150
GVH 800H	25	271	532	161	421	L=16,10+2,34xN	W=10,70+0,500xN	0.221	200
GVH 1000H	20	386	875	237	723	L=20,40+2,33xN	W=28,05+1,150xN	0,600	200
Also available as an advanced evaporator with a special “Delta Injection™” distribution system for the refrigerant inlet.									
GVH 400H-AE	25	124	335	73	281	L=12,30+2,25xN	W=1,60+0,120xN	0.065	100
GVH 500H-AE	25	124	532	73	478	L=14,30+2,28xN	W=4,25+0,220xN	0.100	100
GVH 700M-AE	27	271	532	200	460	L=15,70+2,34xN	W=12,20+0,530xN	0.230	150
GVH 800H-AE	25	271	532	161	421	L=16,10+2,34xN	W=10,70+0,500xN	0.221	200



*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.