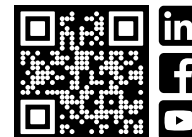


Kelvion



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www.kelvion.com

Brazed Plate Heat Exchangers

GNS SERIES

Compact and
cost-effective

High corrosion
resistance

Wide range of
applications



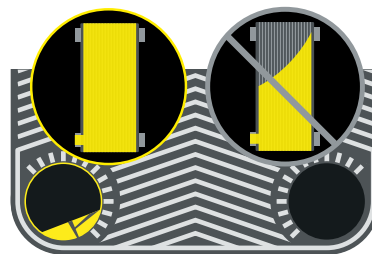
FEATURES



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



16 bar
232 psi



DESIGN TEMPERATURE



-196 °C
-321°F

200 °C
+392°F

MARKETS



HVAC



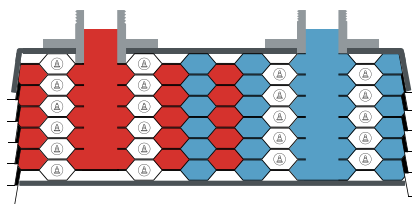
Refrigeration



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.

700 800

SPECIFICATIONS

PRESSURE

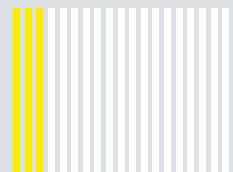


PLATE TYPE

Chevron

ConBraze

BRAZING MATERIAL

Copper

Nickel

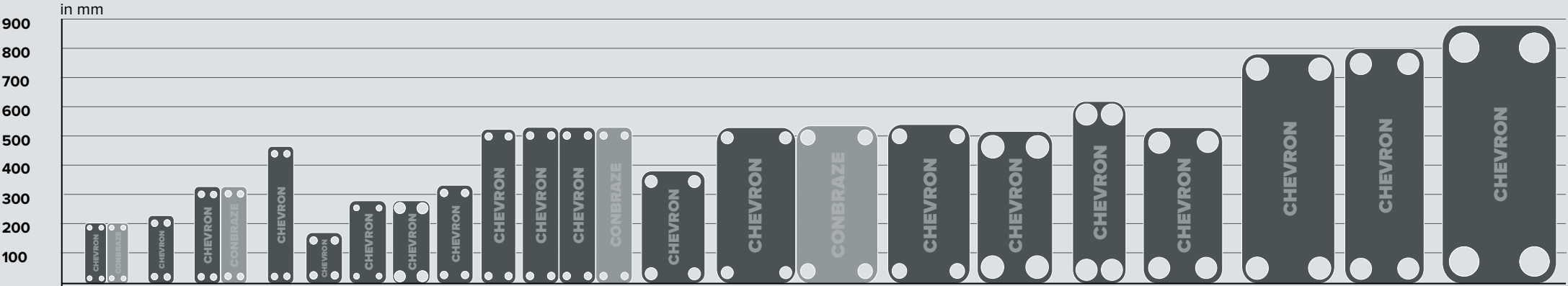
Vacinox

APPROVAL

ASME

EN 13445

Factory Standard



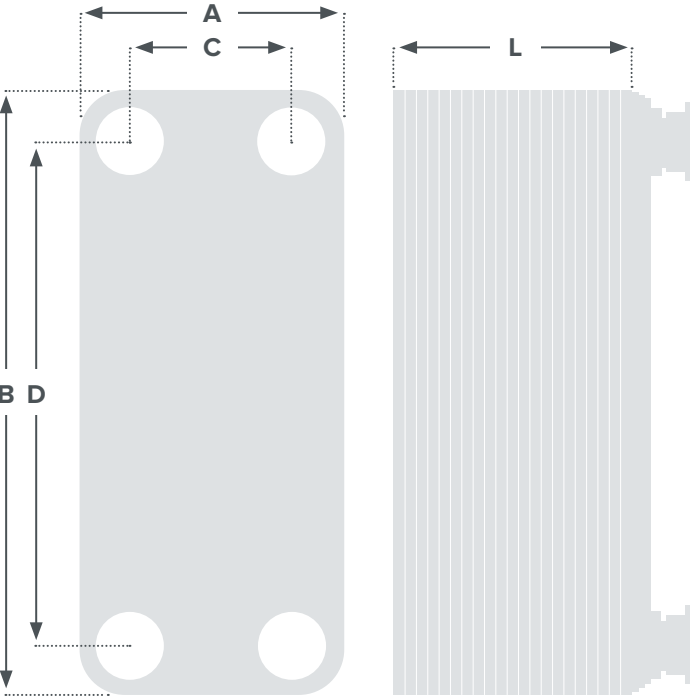
GB...	100	108	200	220	228	240	300	418	420	400	525	500	505	550	600	700	770	757	760	790	800	910	900	1000
Conn.*	G ¾	G ¾	G1	G1	G1	G1	G1 ¼	G1	G1 ¼	G1 ¼	G1 ¼	G1 ¼	G1 ¼	G1 ¼	G2 ½	G2 ½	G3	G2 ½	G3	G2 ½	G3	G2 ½	G3	G3

* 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)	
GNS 100	16	74	204	40	170	L=10,20+2,23xN	W=0,70+0,050xN	0.025	50
GNS 200	16	90	231	43	182	L=12,20+2,24xN	W=0,90+0,060xN	0.030	50
GNS 220	16	90	328	43	279	L=12,30+2,25xN	W=1,20+0,090xN	0.046	50
GNS 240	16	90	464	43	415	L=12,20+2,24xN	W=1,65+0,130xN	0.070	50
GNS 300	16	124	173	73	120	L=12,20+2,24xN	W=0,95+0,060xN	0.030	50
GNS 400	16	124	335	73	281	L=12,30+2,25xN	W=1,60+0,120xN	0.065	100
GNS 500	16	124	532	73	478	L=12,30+2,28xN	W=2,50+0,220xN	0.100	100
GNS 700L	16	271	532	200	460	L=13,20+2,34xN	W=9,80+0,530xN	0.230	150
GNS 700M	16	271	532	200	460	L=13,20+2,34xN	W=9,80+0,530xN	0.230	150
GNS 800	16	271	532	161	421	L=13,60+2,34xN	W=10,70+0,500xN	0.221	200

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

GNS 400-AE	16	124	335	73	281	L=12,30+2,25xN	W=1,60+0,120xN	0.065	100
GNS 500-AE	16	124	532	73	478	L=12,30+2,28xN	W=2,50+0,220xN	0.100	100
GNS 700M-AE	16	271	532	200	460	L=13,20+2,34xN	W=9,80+0,530xN	0.230	150
GNS 800-AE	16	271	532	161	421	L=13,60+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.