

Kelvion

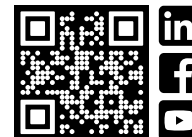


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Diagonal flow principle for optimal transfer surface

Highest degree of flexibility & wide range of applications

Both refrigerating circuits in 100% contact with the water/solar circuit



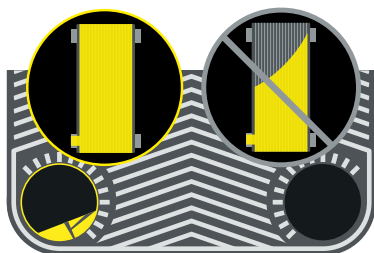
www.kelvion.com

Brazed Plate Heat Exchangers

TD SERIES | TRUE DUAL EVAPORATOR



FEATURES



DELTA INJECTION™

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



KELVION SELECT PHE

Selecting the right Plate Heat Exchanger. ANYTIME. ANYWHERE.

DESIGN PARAMETER



DESIGN PRESSURE

55 bar
798 psi



DESIGN TEMPERATURE

-196 °C
-321°F

200 °C
+392°F

MARKETS



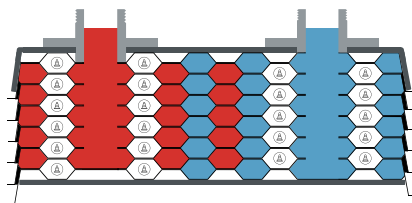
HVAC



Heavy & Light Industry



Refrigeration



SAFETY CHAMBER™

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

SPECIFICATIONS

PRESSURE

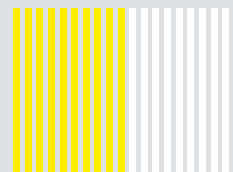


PLATE TYPE

Chevron

ConBraz

BRAZING MATERIAL

Copper

Nickel

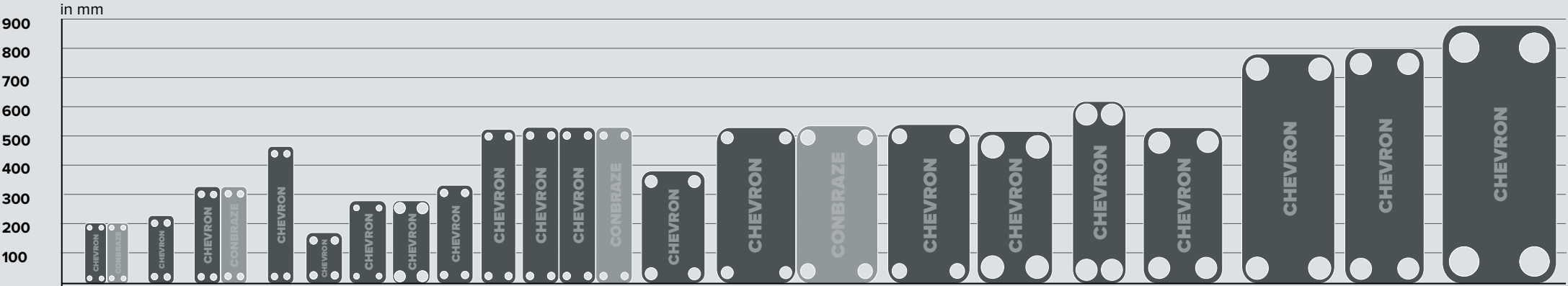
Vacinox

APPROVAL

ASME

EN 13445

Factory Standard



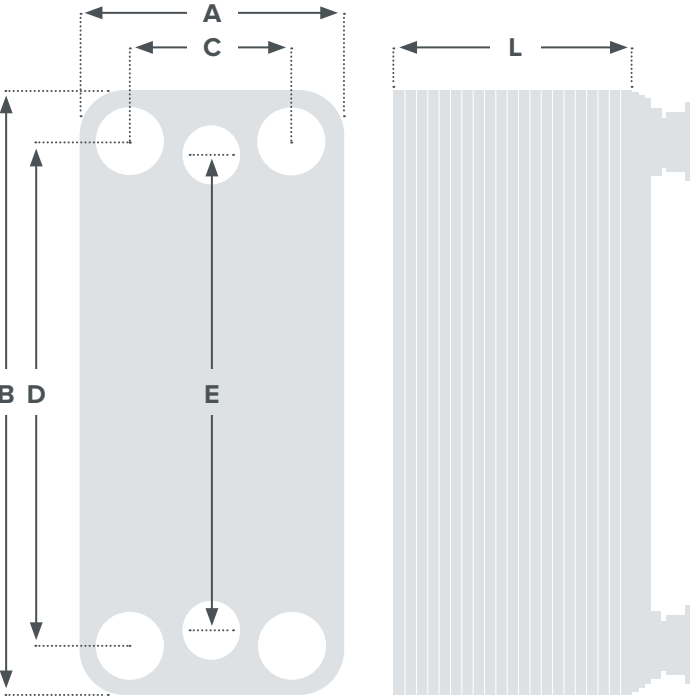
GB...	100	108	200	220	228	240	300	418	420	400	525	500	505	550	600	700	770	757	760	790	800	910	900	1000
Conn.*	G ¾	G ¾	G1	G1	G1	G1	G1 ¼	G1	G1 ¼	G1 ¼	G1 ¼	G1 ¼	G1 ¼	G1 ¼	G2 ½	G2 ½	G3	G2 ½	G3	G2 ½	G3	G2 ½	G3	G3

* Maximum Connection

Type	Pressure	Dimensions					L-Dimension	Weight*	Volume	Max. number of plates
	bar	A [mm]	B [mm]	C [mm]	D [mm]	E [mm]	L [mm]	[kg]	(Litre/Channel)	
WP 7M-TD	31	271	532	200	460	420	10,90+2,35xN	6,30+0,50xN	0.230	262
WP 9-TD	25	271	802	161	690	690	11,30+2,35xN	13,35+0,75xN	0.330	302
GKS 770H-TD	46/41	278	539	200	460	420	13,40+1,70xN	6,90+0,43xN	0.180	262
GKH 770H-TD	55/50	278	539	200	460	420	13,40+1,70xN	6,90+0,43xN	0.180	262

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

WP-AE 7M-TD	31	271	532	200	460	420	10,90+2,35xN	6,30+0,50xN	0.230	262
WP-AE 9-TD	25	271	802	161	690	690	11,30+2,35xN	13,35+0,75xN	0.330	302
GKS 770H-AE-TD	46/41	278	539	200	460	420	13,40+1,70xN	6,90+0,43xN	0.180	262
GKH 770H-AE-TD	55/50	278	539	200	460	420	13,40+1,70xN	6,90+0,43xN	0.180	262



*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.