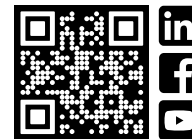


Kelvion



© Kelvion • All rights reserved • Subject to changes • Version 01 - 03/25



www.kelvion.com

Highest efficiency,
effective use of materials
and absolute functionality

Lives up to the
expectations of the
ever-increasing demand

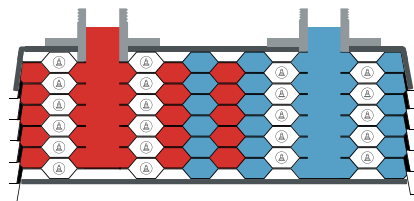
Wide range of applications,
solid construction,
compact design

Brazed Plate Heat Exchangers

GK SERIES | CONBRAZE



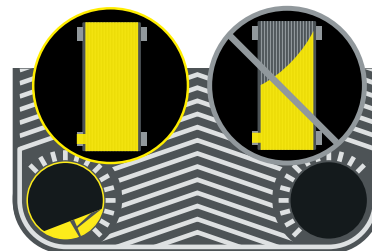
FEATURES



SAFETY CHAMBER™

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

108H 228H 770M 770H



DELTA INJECTION™

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

550H 770H



KELVION SELECT PHE

Selecting the right Plate Heat Exchanger.
ANYTIME. ANYWHERE.

DESIGN PARAMETER



DESIGN PRESSURE

30/40/50 bar
435/580/725 psi



DESIGN TEMPERATURE

-196 °C
-321°F 200 °C
+392°F

MARKETS



HVAC



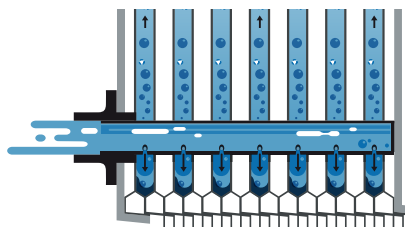
Refrigeration



Power



Heavy & Light
Industry



DISTRIBUTION TECHNOLOGY EQ-PIPE

EQPipe enables a flexible use of low-GWP refrigerants in high efficiency BPHEs.

550M 550H 550T 770M 770H

SPECIFICATIONS

PRESSURE

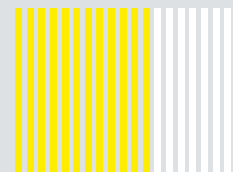


PLATE TYPE

Chevron

ConBraze

BRAZING MATERIAL

Copper

Nickel

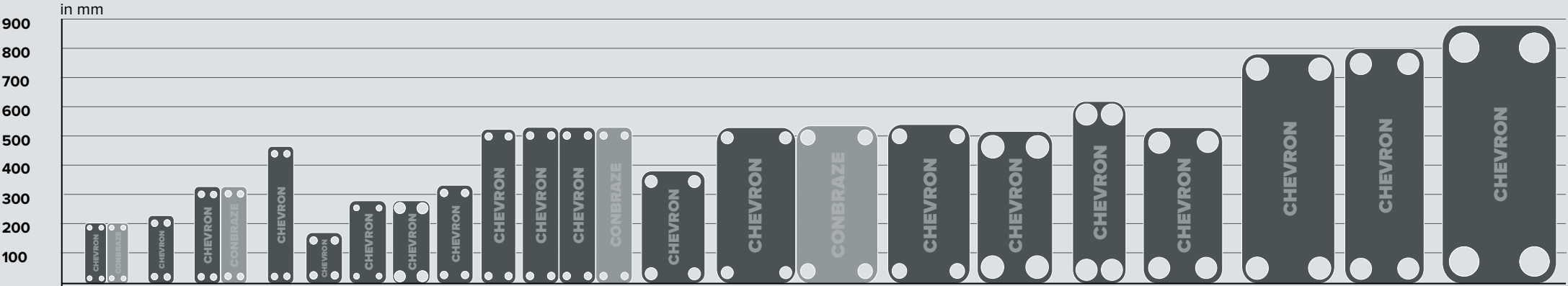
Vacinox

APPROVAL

ASME

EN 13445

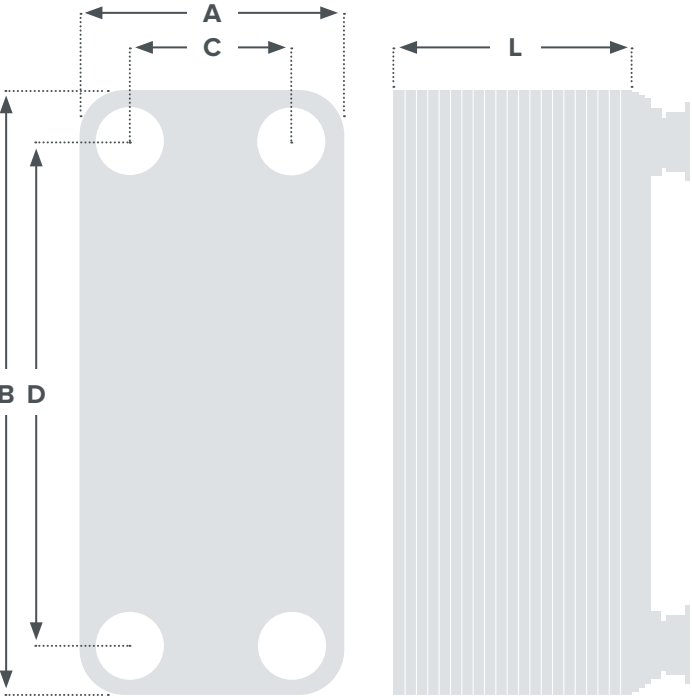
Factory Standard



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)	
GK... 108H	45	74	204	40	170	8.20+1.00xN	0.55+0.035xN	0.010	50
GK... 228H	45	90	328	43	279	11.20+1.00xN	1.15+0.065xN	0.019	50
GK... 550M	50	124	532	73	478	11.70+1.70xN	2.45+0.200xN	0.070	150
GK... 550H	50	124	532	73	478	11.70+1.66xN	2.45+0.200xN	0.070	150
GK... 550T	50	125	532	73	478	10.00+1.55xN	2.25+0.200xN	0.068	150
GK... 770M	45	278	539	200	460	13.40+1.73xN	7.80+0.470xN	0.170	250
GK... 770H	45	278	539	200	460	13.40+1.73xN	7.80+0.470xN	0.170	250
Also available as an advanced evaporator with a special “Delta Injection™” distribution system for the refrigerant inlet.									
GK... 550H-AE	50	124	532	73	478	11.70+1.66xN	2.45+0.200xN	0.070	100
GK... 770H-AE	45	278	539	200	460	13.40+1.73xN	7.80+0.470xN	0.170	250



*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.