



Designed for application-specific and highly efficient solutions

Compact design & robust construction

Combines high reliability with a long service life

## Brazed Plate Heat Exchangers

# GBH SERIES



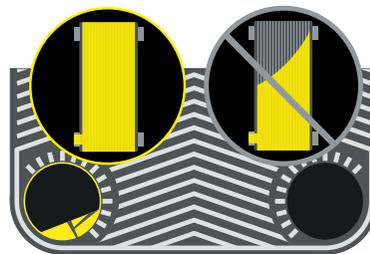
### FEATURES



#### 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
- 900
- 1000H



### KELVION SELECT PHE

Selecting the right Plate Heat Exchanger. ANYTIME. ANYWHERE.

### DESIGN PARAMETER



#### DESIGN PRESSURE



#### DESIGN TEMPERATURE



### MARKETS



Data Centre



HVAC



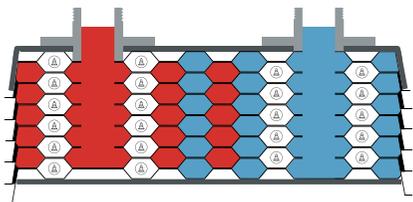
Refrigeration



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.

- 600L
- 700
- 800
- 900
- 1000

### SPECIFICATIONS

#### PRESSURE



#### PLATE TYPE

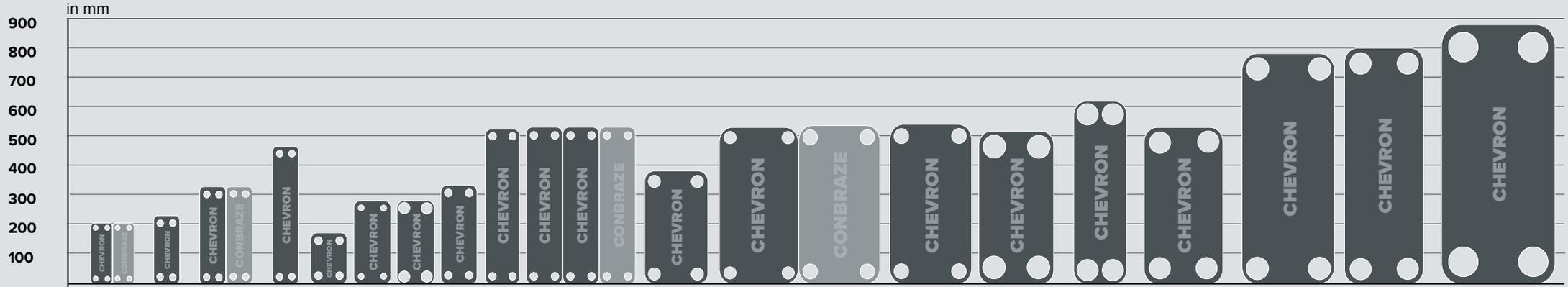
- Chevron
- ConBraze

#### BRAZING MATERIAL

- Copper
- Nickel
- Vacinox

#### APPROVAL

- ASME
- EN 13445
- Factory Standard



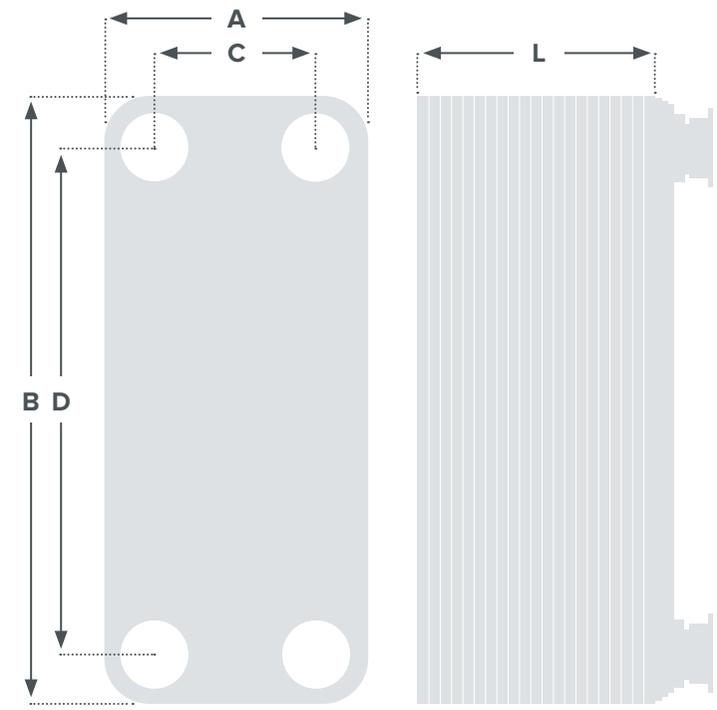
GB...	100	108	200	220	228	240	300	418	420	400	525	500	505	550	600	700	770	757	760	790	800	910	900	1000
Conn.*	G ¾	G ¾	G1	G1	G1	G1	G1 ¼	G1	G1 ¼	G2 ½	G2 ½	G3	G3											

\* Maximum Connection

Type	Pressure bar	Dimensions				L-Dimension L [mm]	Weight* [kg]	Volume (Litre/ Channel)	Max. number of plates
		A [mm]	B [mm]	C [mm]	D [mm]				
GBH 100M	45	74	204	40	170	8,00+2,23xN	0,65+0,050xN	0,025	50
GBH 200H	45	90	231	43	182	10,00+2,24xN	0,85+0,06xN	0,030	50
GBH 220H	45	90	328	43	279	10,00+2,25xN	1,10+0,09xN	0,046	50
GBH 240H	45	90	464	43	415	10,00+2,24xN	1,50+0,13xN	0,070	50
GBH 300H	45	124	173	73	120	12,20+2,24xN	0,95+0,06xN	0,030	50
GBH 400H	45	124	335	73	281	12,30+2,25xN	1,60+0,12xN	0,065	100
GBH 500H	45	124	532	73	478	10,00+2,23xN	2,25+0,20xN	0,100	100
GBH 600L	45	250	386	162	307	13,40+2,27xN	7,80+0,295xN	0,158	150
GBH 700L/H	45	271	532	200	460	10,90+2,29xN	7,05+0,47xN	0,230	150
GBH 790H	45	191	616	95	520	13,30+1,78xN	10,55+0,4xN	0,138	300
GBH 800H	45	271	532	161	421	13,60+2,34xN	10,70+0,50xN	0,221	260
GBH 900H	45	271	802	161	690	11,30+2,31xN	13,60+0,80xN	0,399	260
GBH 1000M/H	45	386	875	237	723	12,5+2,60xN **	29,20+1,15xN	0,600	360
GBH 1000MH	45	386	875	237	723	20.8+2.34xN	29.20+1.150xN	0,550/0,600	360

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

GBH 400-AE	45	124	335	73	281	12,30+2,25xN	1,60+0,12xN	0,065	100
GBH 500-AE	45	124	532	73	478	10,00+2,23xN	2,25+0,20xN	0,100	100
GBH 700M-AE	45	271	532	200	460	10,90+2,29xN	7,05+0,47xN	0,230	150
GBH 800-AE	45	271	532	161	421	13,60+2,34xN	10,70+0,50xN	0,221	260
GBH 900-AE	45	271	802	161	690	11,30+2,31xN	13,60+0,80xN	0,399	260
GBH 1000H-AE	45	386	875	237	723	20,80+2,33xN	29,20+1,15xN	0,600	360



\*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.