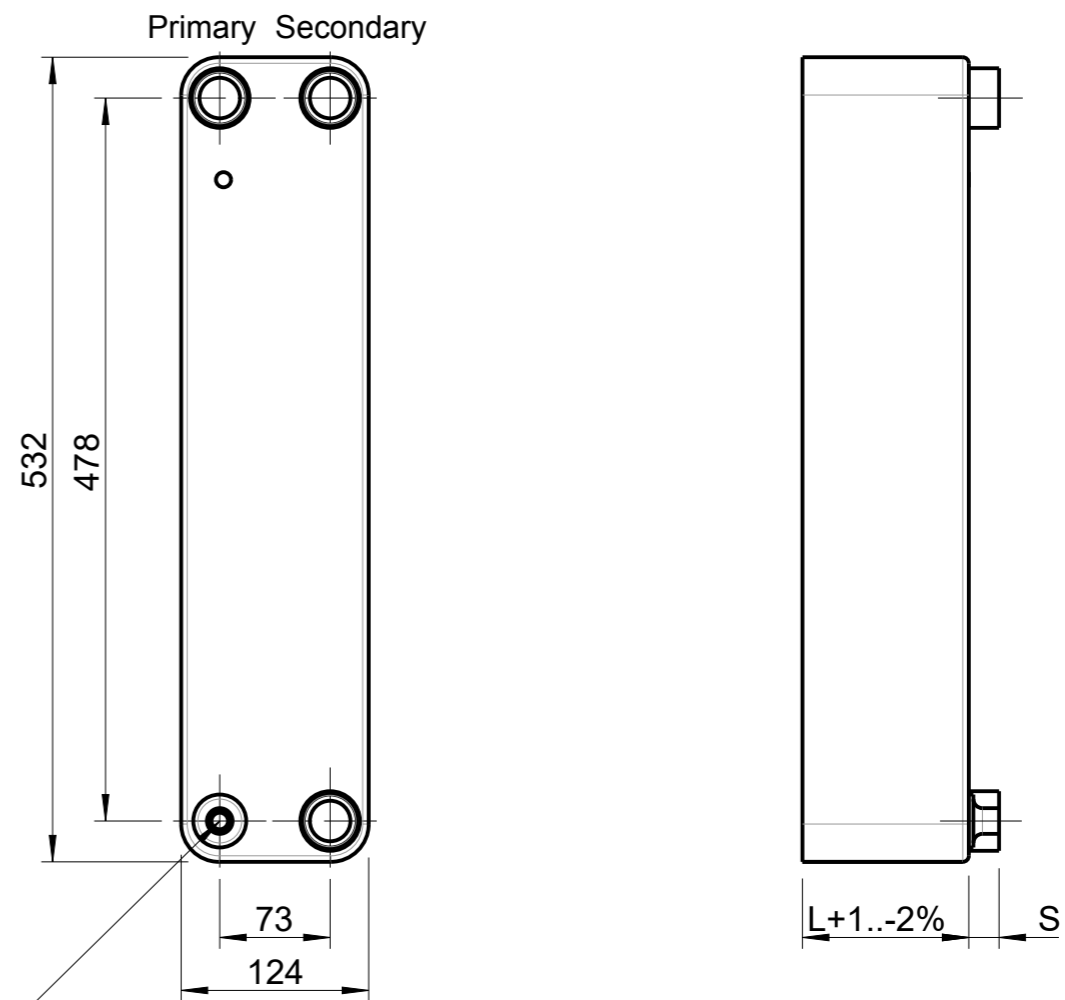
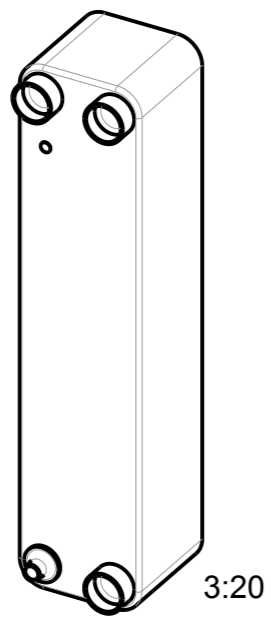


The manufacturer confirms that design, manufacturing and testing of the pressure vessel meet the requirements of the Pressure Equipment Directive 2014/68/EU. Subject to change without prior notice.

1	2	3	4	5	6	7	8		
Kelvion - PHE		Design Limits*		Approvals**	L-Measure***	Material		Empty Weight (kg)	Surface (m <sup>2</sup> )
Model	Temperature	Pressure	Plates			Solder			
<input type="checkbox"/> GBS500H-AE-...	-196...+200 °C	31 bar	DGRL (PED) ASME BPVC VIII-1 UL	L=10,0+2,23xN	100	1.4404	Copper	2,25+0,200xN	0,059x(N-2)

\*Attention: Connections can reduce the design limits!  
 \*\*other approvals on inquiry!  
 \*\*\*valid for 4 connections front, other connection arrangements may result in different values.



Evaporator with delta-injection distribution-system on the refrigerant-inlet

Standard Connections					
C-PTL	Size	Length	Primary (Refrigerant)		Secondary (Sole)
			Outlet	Inlet	
<b>External Thread</b>					
C	G3/4	S=20,0mm	-	-	<input type="checkbox"/>
E	G1	S=20,0mm	-	-	<input type="checkbox"/>
EL	G1	S=40,0mm	-	-	<input type="checkbox"/>
F	G1 1/4	S=20,0mm	-	-	<input type="checkbox"/>
FL	G1 1/4	S=40,0mm	-	-	<input type="checkbox"/>
<b>Internal Thread</b>					
R	G1	S=20,0mm	-	-	<input type="checkbox"/>
<b>Solder Connections</b>					
NO	3/8" (Ø 9,9mm)	S=20,0mm	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
TZ	Ø 10,3mm	S=20,0mm	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
M	1/2" (Ø 13,0mm)	S=20,0mm	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
TX	Ø 15,3mm	S=20,0mm	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
O	5/8" (Ø 16,3mm)	S=20,0mm	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
TU	Ø 18,3mm	S=20,0mm	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
N	3/4" (Ø 19,5mm)	S=20,0mm	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
H	7/8" (Ø 22,35mm)	S=20,0mm	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
I	Ø 28,35mm	S=20,0mm	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
IA	1 1/8" (Ø 28,7mm)	S=20,0mm	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
K	1 3/8" (Ø 35,1mm)	S=20,0mm	<input type="checkbox"/>	-	<input type="checkbox"/>
<b>Additional connections on backplate (Internal Thread)</b>					
OZ	G1/2	S=20,0mm	-	-	<input type="checkbox"/>
Other connections on inquiry!					

file name model: GBS500H-AE-1704		file type: ASSEM	file name drawing: GBS500H-AE-1704
Kelvion Brazed PHE GmbH Remsaer Straße 2a D-04603 Nobitz-Wilchwitz Tel. 03447-5539-0 Fax. 03447-5539-30		All measurements without tolerances are subject to the specified tolerance values of the document "technical dimensions" from Kelvion Brazed PHE GmbH	
		date	name
		Bear. 05.04.2017	L.Huster
		Gepr. 05.06.2020	C.Schmidt
		scale 1:5	
		denomination: <b>Plate Heat Exchanger GBS500H-AE</b>	
		drawing number: <b>GBS500H-AE-1910_EN</b>	
		sheet2 2 sheet	
(b)	1,76+0,211->2,25+0,2	21.10.19	Regen.
(b)	Hinweis Anschlüsse	21.10.19	Regen.
(a)	Hinweis Toleranz	11.01.19	Sacher
(a)	9,5+2,23->10+2,23	11.01.19	Sacher
stat	change	date	name

