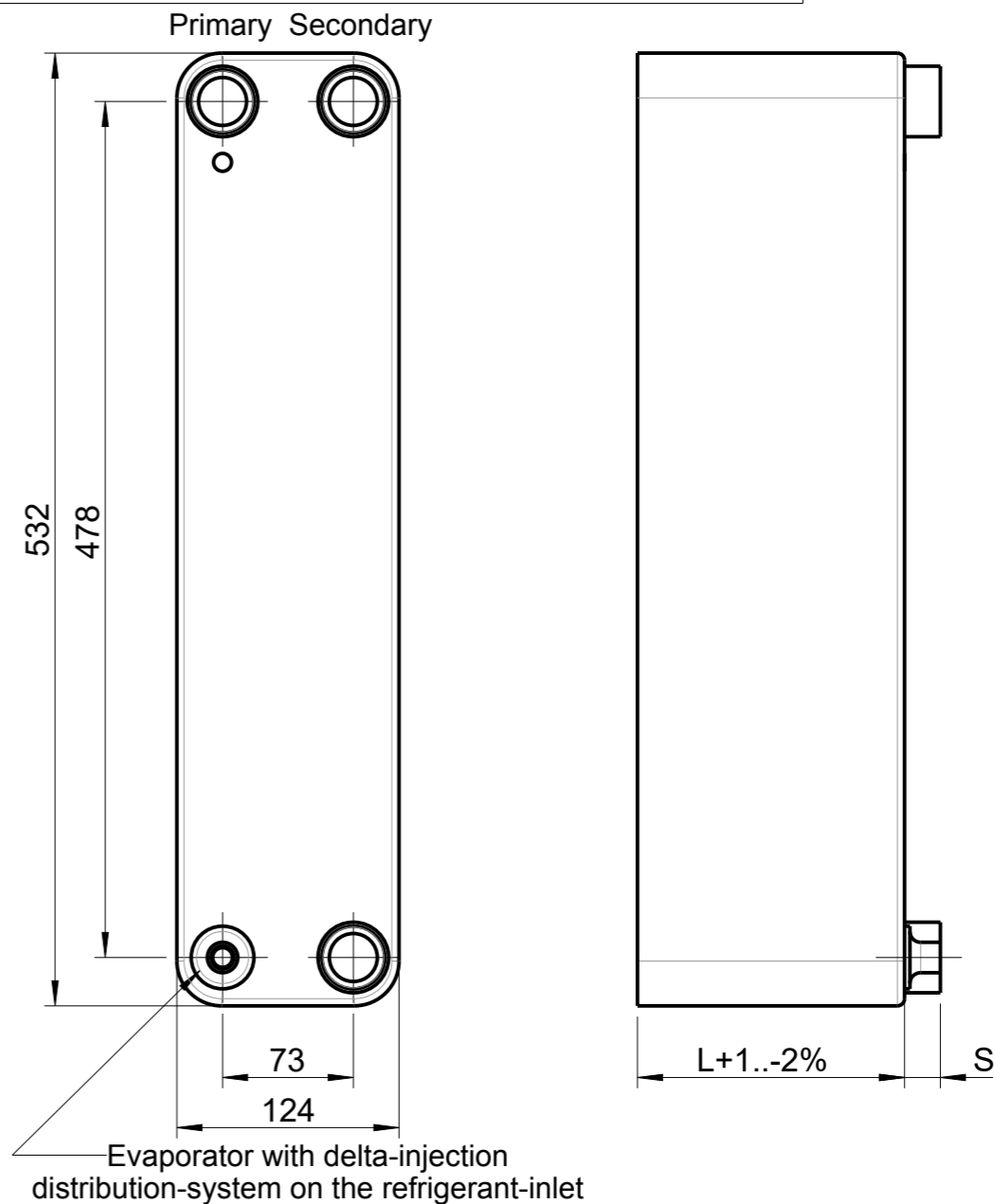
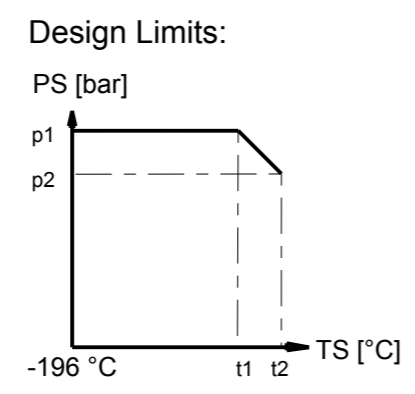
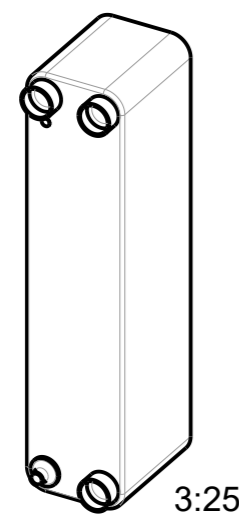


The manufacturer confirms that design, manufacturing and testing of the pressure vessel meet the requirements of the Pressure Equipment Directive 2014/68/EU. Subject to change without prior notice.

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"/> GBH500H-AE...	t <sub>1</sub> : -196..+150 °C t <sub>2</sub> : -196..+200 °C	p <sub>1</sub> : 45 bar p <sub>2</sub> : 40 bar	DGRL (PED) EN13445	L=10,0+2,23xN	100	1.4404	Copper	2,25+0,20xN	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.



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

file name model: GBH500H-AE_1901	file type: ASSEM	file name drawing: GBH500H-AE_1901
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	scale 1:4
	date name	denomination: <b>Plate Heat Exchanger GBH500H-AE</b>
	Bear. 01.06.2008 T.Dietrich Gepr. 11.06.2020 C.Schmidt	
(a) 1,76+0,211->2,25+0,2	24.01.19 Pennd.	drawing number: <b>GBH500H-AE-1901_EN</b>
(a) Hinweis Toleranz	24.01.19 Pennd.	
(a) L-Maß 9.5->10.0	24.01.19 Pennd.	sheet2
stat change	date name	2 sheet