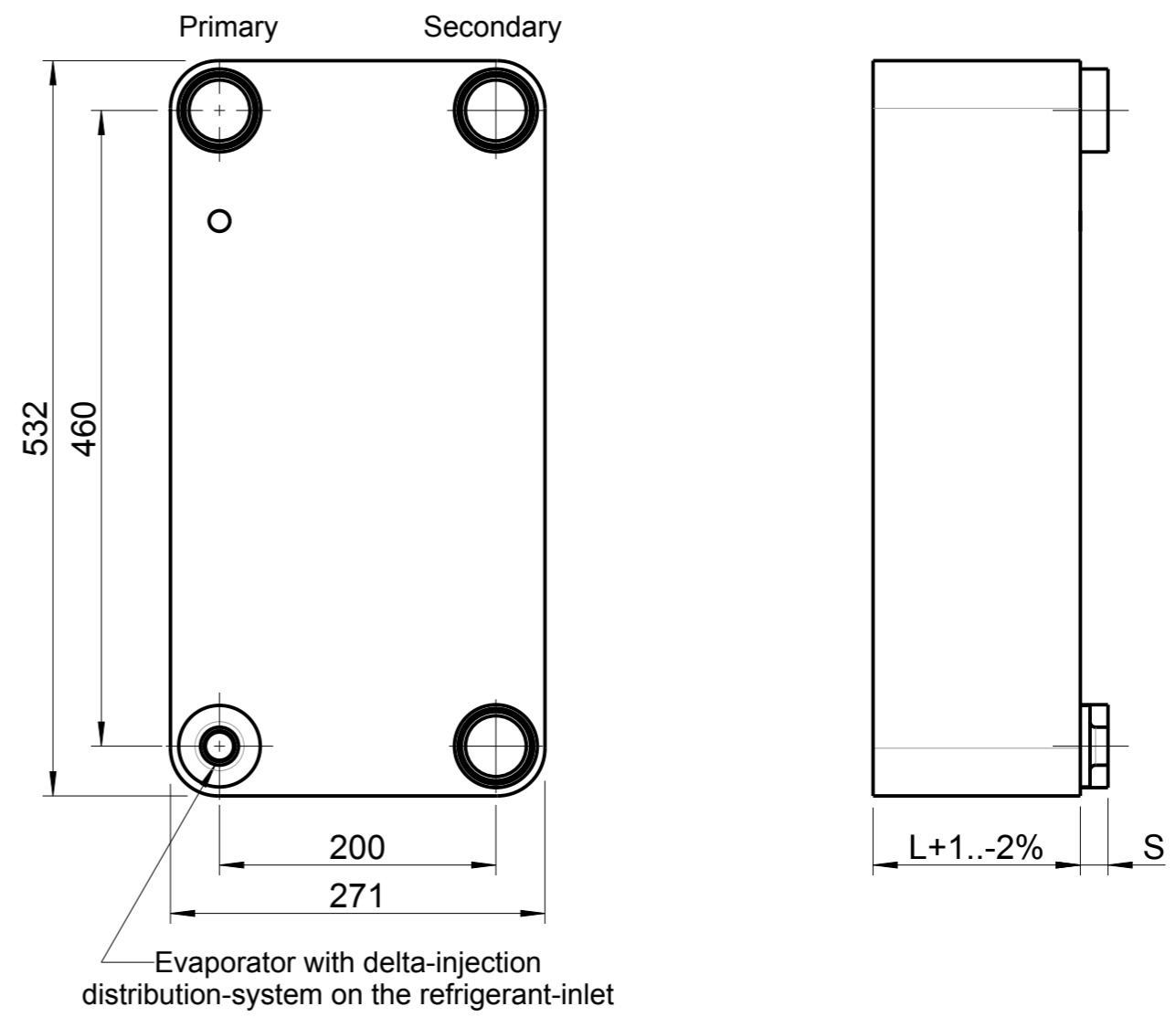
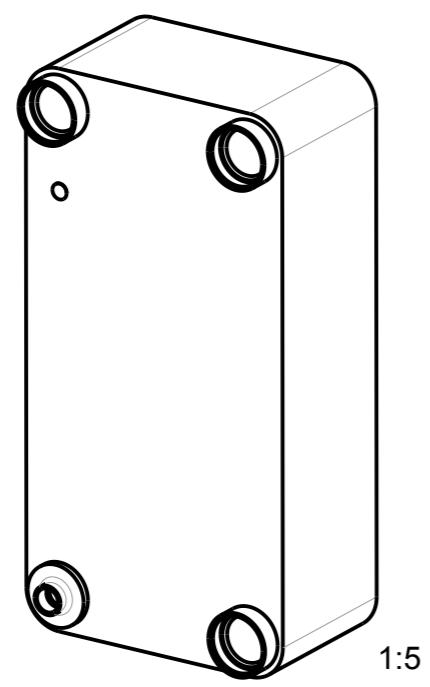


The manufacturer confirms that design, manufacturing and testing of the pressure vessel meet the requirements of the Pressure Equipment Directive 2014/68/EU. Subject to change without prior notice.

1	2	3	4	5	6	7	8		
Kelvion - PHE		Design Limits*		Approvals**	L-Measure***	Material		Empty Weight (kg)	Surface (m ²)
Model	Temperature	Pressure	Plates			Solder			
<input type="checkbox"/> GBS700M-AE-...	-196..+200 °C	31 bar	DGRL (PED), ASME BPVC VIII-1 UL	L=10.9+2.29xN	150	1.4404	Copper	7.05+0.470xN	0.135x(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
			Outlet	Inlet	(Sole)
Welding-Neck Flange PN40 - DIN2635					
TM	DN40	S=95.0mm	-	-	<input type="checkbox"/>
LM	DN50	S=100.0mm	-	-	<input type="checkbox"/>
External Thread					
GZ	G1 1/2	S=20.0mm	-	-	<input type="checkbox"/>
G	G2	S=20.0mm	-	-	<input type="checkbox"/>
GL	G2	S=40.0mm	-	-	<input type="checkbox"/>
GLZ	G2	S=30.0mm	-	-	<input type="checkbox"/>
GAZL	G2 1/2	S=40.0mm	-	-	<input type="checkbox"/>
Solder Connections					
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"/>	<input type="checkbox"/>
LZA	1 5/8" (Ø 41.6mm)	S=20.0mm	<input type="checkbox"/>	-	<input type="checkbox"/>
LZ	Ø 42.1mm	S=20.0mm	<input type="checkbox"/>	-	<input type="checkbox"/>
L	2 1/8" (Ø 54.0mm)	S=20.0mm	<input type="checkbox"/>	-	<input type="checkbox"/>
Additional connections on the backplate (Internal Thread)					
OZ	G1/2	S=20.0mm	-	-	<input type="checkbox"/>
Other connections on inquiry!					

file name model: GBS700M-AE-0812			file type: ASSEM		file name drawing: GBS700M-AE-0812	
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 1:5	
			date		name	
(d)	Standardanschl. geänd.	30.03.22	Sander	Bear.	01.12.2008	T.Dietrich
(c)	P. Eint. L,LZ,LZA entf.	05.06.20	Regen.	Gepr.	30.03.2022	P.Bonitz
(c)	Zulassung UL erg.	05.06.20	Regen.			
(b)	9,6+0,54->7,05+047	21.10.19	Regen.			
(b)	Hinweis Anschlüsse	21.10.19	Regen.			
(a)	Hinweis Toleranz	25.01.19	Sacher			
(a)	11,0+2,25->10,9+2,29	25.01.19	Sacher			
stat	change	date	name			
denomination: Plate Heat Exchanger						drawing number: GBS700M-AE-1910_EN
						sheet 2
						2 sheet