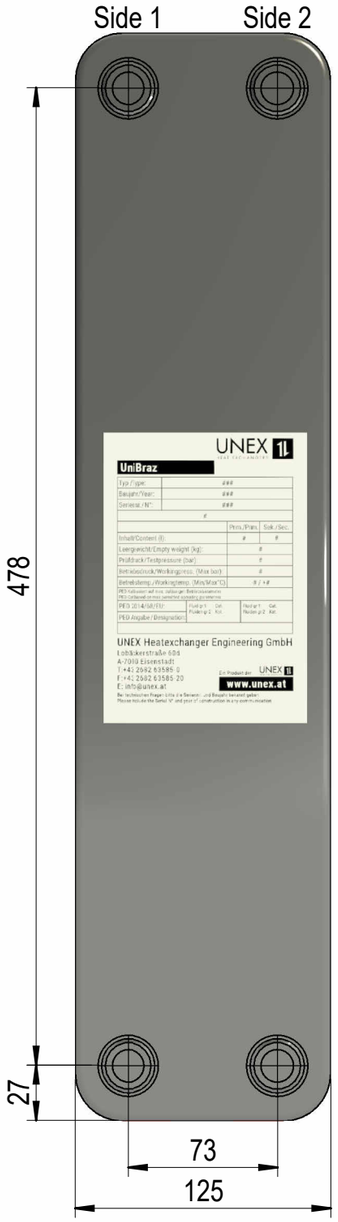

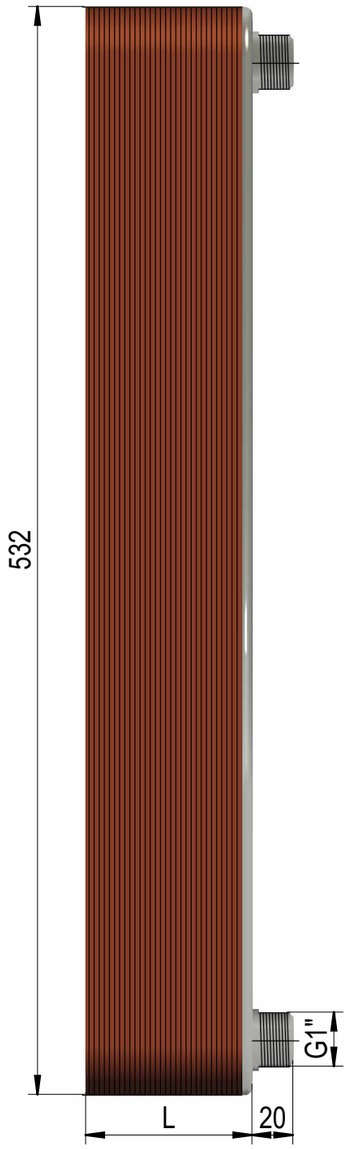

Amount of plates ***	8	10	14	20	24	30	34	40	44	50	60	70	80	90	100
Volume Side 1 (l) *	0,20	0,26	0,39	0,59	0,72	0,91	1,04	1,24	1,37	1,56	1,89	2,21	2,54	2,86	3,19
Volume Side 2 (l) *	0,26	0,33	0,46	0,65	0,78	0,98	1,11	1,30	1,43	1,63	1,95	2,28	2,60	2,93	3,25
Max working pressure (bar)	16														
Min / Max temperature (°C)	0 / +200														
PED Class Group 1 (Category) **	SEP									I					II
PED Class Group 2 (Category) **	SEP														I
Plate packet depth L(mm) *	31,20	35,90	45,30	59,40	68,80	82,90	92,30	106,40	115,80	129,90	153,40	176,90	200,40	223,90	247,40
Net Weight Empty (kg)	3,18	3,55	4,29	5,40	6,14	7,25	7,99	9,10	9,84	10,95	12,80	14,65	16,50	18,35	20,20
Heat Transfer Area (m²)	0,21	0,28	0,42	0,63	0,77	0,98	1,12	1,33	1,47	1,68	2,03	2,38	2,73	3,08	3,43

* Calculated values (final tolerance to ISO 2768-m)
** PED Category IV (Available as special order or III with reduced max working pressure - please contact the sales team)
*** intermediate sizes on request

Where appropriate the following European standards and regulations were used during design and construction:

PED 2014/68/EU (Pressure Equipment Directive)
EN 1148 (Water to water heat exchangers for district heating)
EN 10272 (Stainless steel bars used for pressure purposes)
EN 10028-7 (Stainless steel flat products used for pressure purposes)
EN 13445 (Unfired Pressure Vessels)
ISO 2768-m (General tolerances class"m")
ISO 228-1 ("G" Thread BSP parallel)
Please ask your sales partner if you require other standards or certification to be applied.

©2025 Errors, Omissions and Technical Alterations excepted

Sizes in mm unless otherwise shown

Connections : 1.4301 (304) / Plates : 1.4404 (316L)

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Status	Change	Date	Name		Date	Name
				Drawn by	25.03.2025	HET
				Checked by		
				Updated by		

PBT20