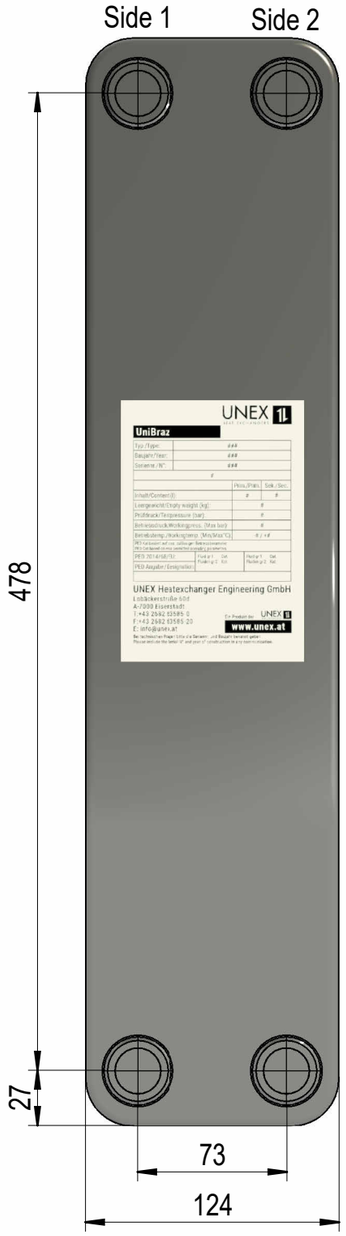
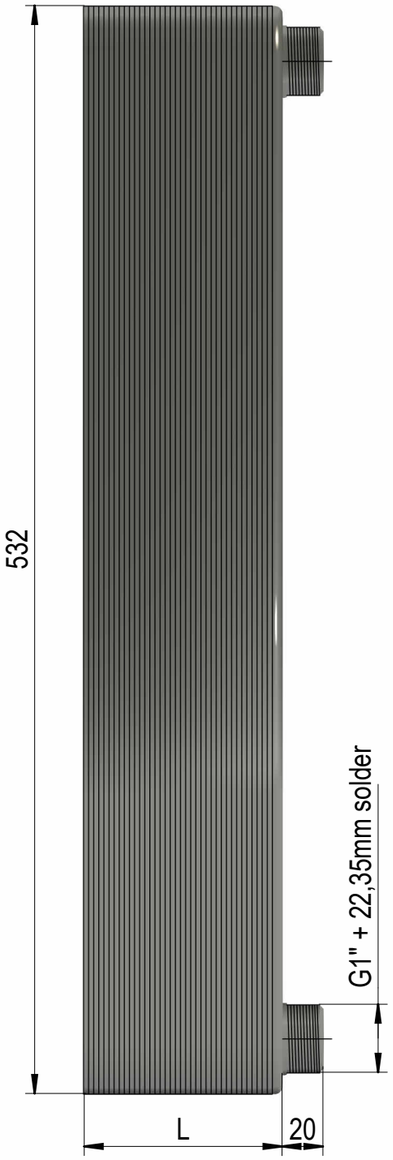






Amount of plates ***	8	10	14	20	24	30	34	40	44	50	60	70	80	90	100	110	120	130	140	150
Volume Side 1 (l) *	0,21	0,28	0,42	0,63	0,77	0,98	1,12	1,33	1,47	1,68	2,03	2,38	2,73	3,08	3,43	3,78	4,13	4,48	4,83	5,18
Volume Side 2 (l) *	0,28	0,35	0,49	0,70	0,84	1,05	1,19	1,40	1,54	1,75	2,10	2,45	2,80	3,15	3,50	3,85	4,20	4,55	4,90	5,25
Max working pressure (bar)	17																			
Min / Max temperature (°C)	-196 / +200																			
PED Class Group 1 (Category) **	SEP									I				II						
PED Class Group 2 (Category) **	SEP													I						
Plate packet depth L(mm) *	26,98	30,30	36,94	46,90	53,54	63,50	70,14	80,10	86,74	96,70	113,30	129,90	146,50	163,10	179,70	196,30	212,90	229,50	246,10	262,70
Net Weight Empty (kg)	5,75	6,15	6,95	8,15	8,95	10,15	10,95	12,15	12,95	14,15	16,15	18,15	20,15	22,15	24,15	26,15	28,15	30,15	32,15	34,15
Heat Transfer Area (m²)	0,37	0,49	0,73	1,10	1,34	1,71	1,95	2,32	2,56	2,93	3,54	4,15	4,76	5,37	5,98	6,59	7,20	7,81	8,42	9,03

* 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)
Please ask your sales partner if you require other standards or certification to be applied.

EN 13445 (Unfired Pressure Vessels)
ISO 2768-m (General tolerances class"m")
ISO 228-1 ("G" Thread BSP parallel)

©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		

PBPC20H