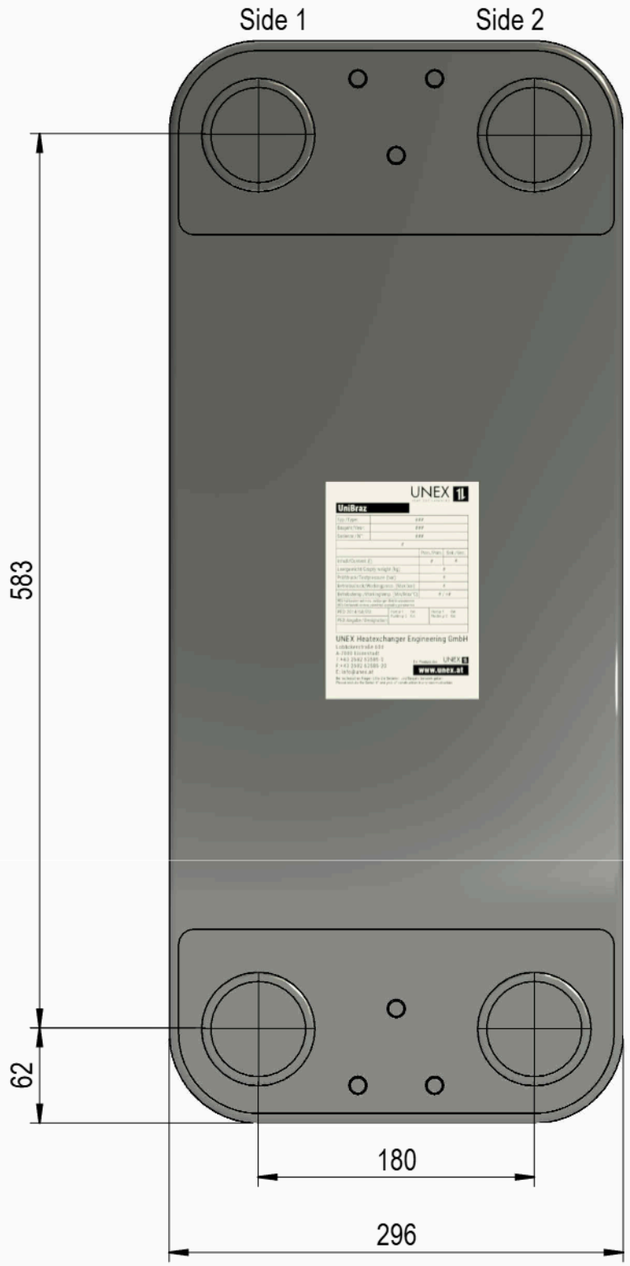

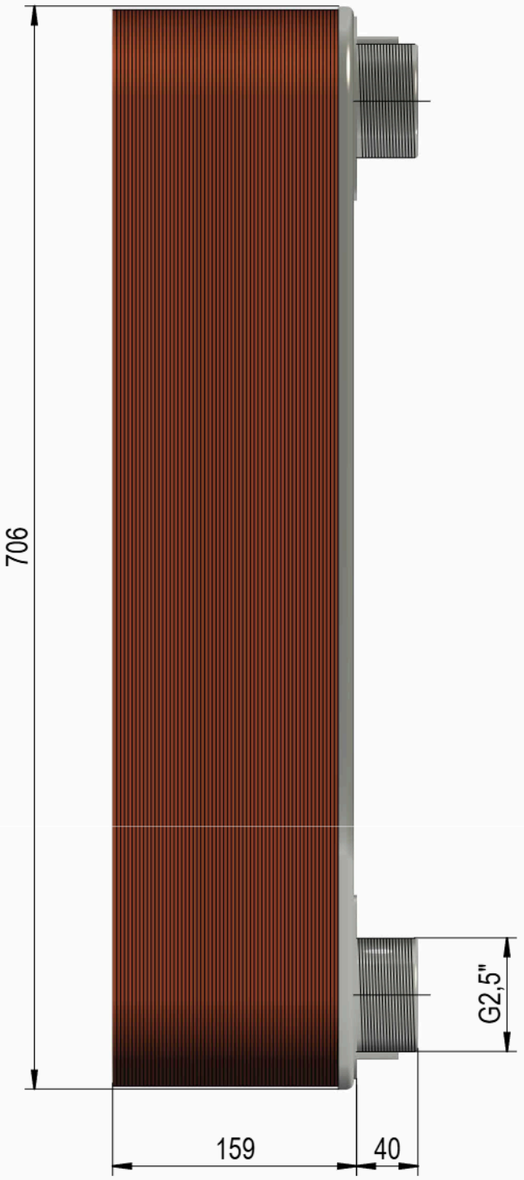

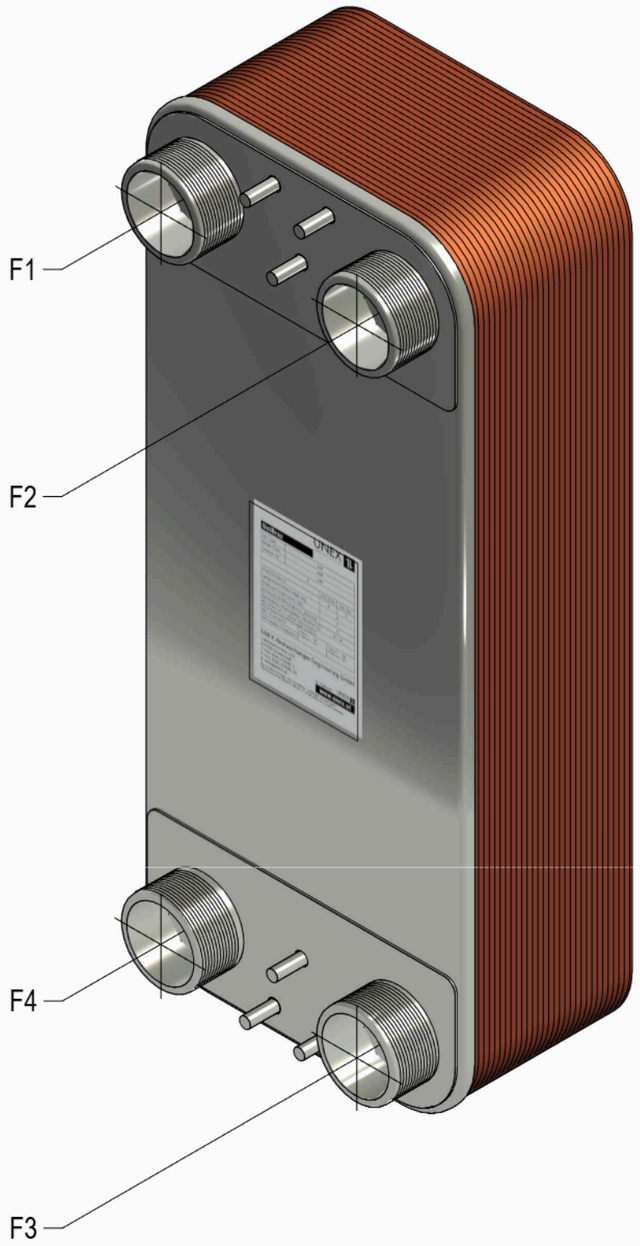

Amount of plates ***	40	50	60	70	80	90	100	110	120	140	160	180	200
Volume Side 1 (l) *	4,37	5,52	6,67	7,82	8,97	10,12	11,27	12,42	13,57	15,87	18,17	20,47	22,77
Volume Side 2 (l) *	4,60	5,75	6,90	8,05	9,20	10,35	11,50	12,65	13,80	16,10	18,40	20,70	23,00
Max working pressure (bar)	25												
Min / Max temperature (°C)	-10 / +180												
PED Class Group 1 (Category) **	II			III									
PED Class Group 2 (Category) **	I			II									
Plate packet depth L(mm) *	70,00	84,50	99,00	113,50	128,00	142,50	157,00	171,50	186,00	215,00	244,00	273,00	302,00
Net Weight Empty (kg)	32,68	37,10	41,52	45,94	50,36	54,78	59,20	63,62	68,04	76,88	85,72	94,56	103,40
Heat Transfer Area (m²)	7,18	9,07	10,96	12,85	14,74	16,63	18,52	20,41	22,30	26,08	29,86	33,64	37,42

* 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		

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