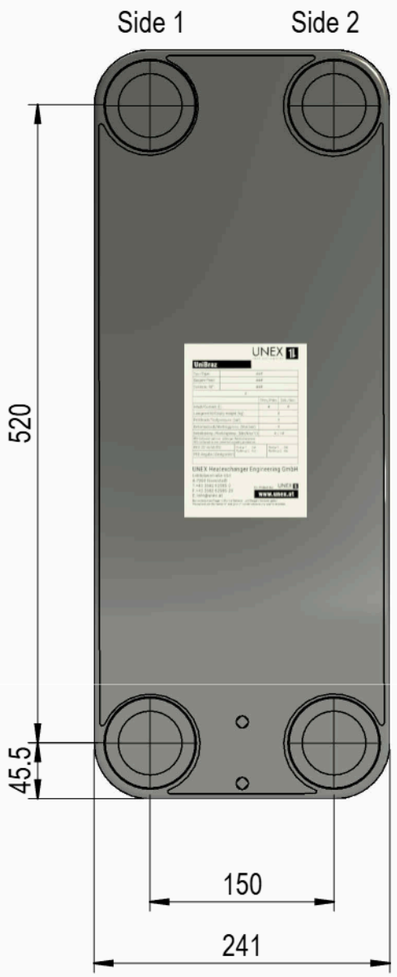

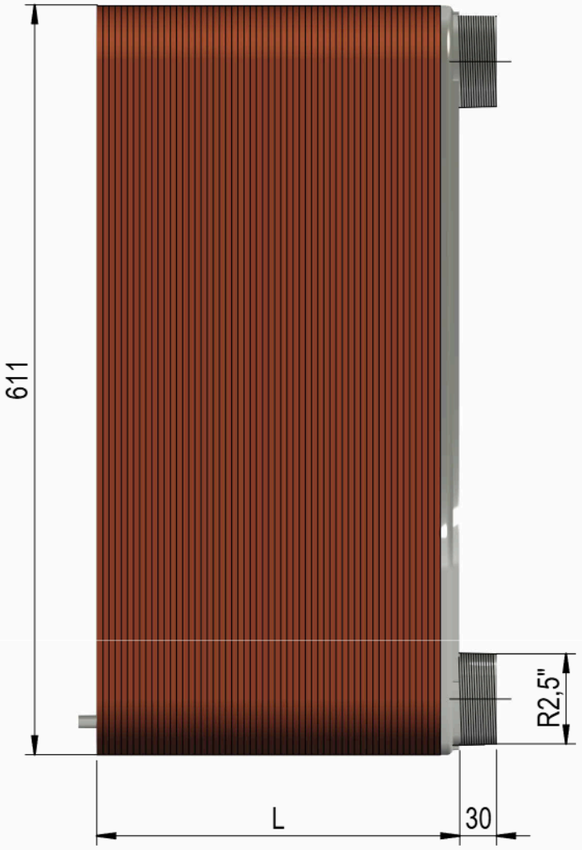

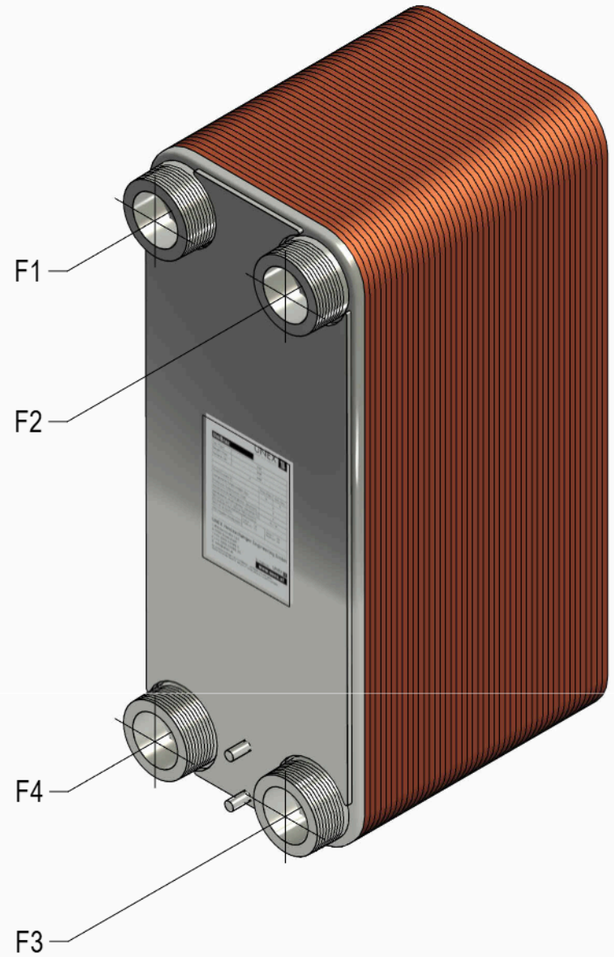

Amount of plates ***	20	30	40	50	60	70	80	90	100	110	120	130	140	150	160	170	180	190	200
Volume Side 1 (l) *	2,88	4,48	6,08	7,68	9,28	10,88	12,48	14,08	15,68	17,28	18,88	20,48	22,08	23,68	25,28	26,88	28,48	30,08	31,68
Volume Side 2 (l) *	3,20	4,80	6,40	8,00	9,60	11,20	12,80	14,40	16,00	17,60	19,20	20,80	22,40	24,00	25,60	27,20	28,80	30,40	32,00
Max working pressure (bar)	25																		
Min / Max temperature (°C)	-196 / +225																		
PED Class Group 1 (Category) **	II			III															
PED Class Group 2 (Category) **	I			II															
Plate packet depth L(mm) *	66,00	94,00	122,00	150,00	178,00	206,00	234,00	262,00	290,00	318,00	346,00	374,00	402,00	430,00	458,00	486,00	514,00	542,00	570,00
Net Weight Empty (kg)	19,60	25,40	31,20	37,00	42,80	48,60	54,40	60,20	66,00	71,80	77,60	83,40	89,20	95,00	100,80	106,60	112,40	118,20	124,00
Heat Transfer Area (m²)	2,70	4,20	5,70	7,20	8,70	10,20	11,70	13,20	14,70	16,20	17,70	19,20	20,70	22,20	23,70	25,20	26,70	28,20	29,70

* 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		

UniBraz PBF50M