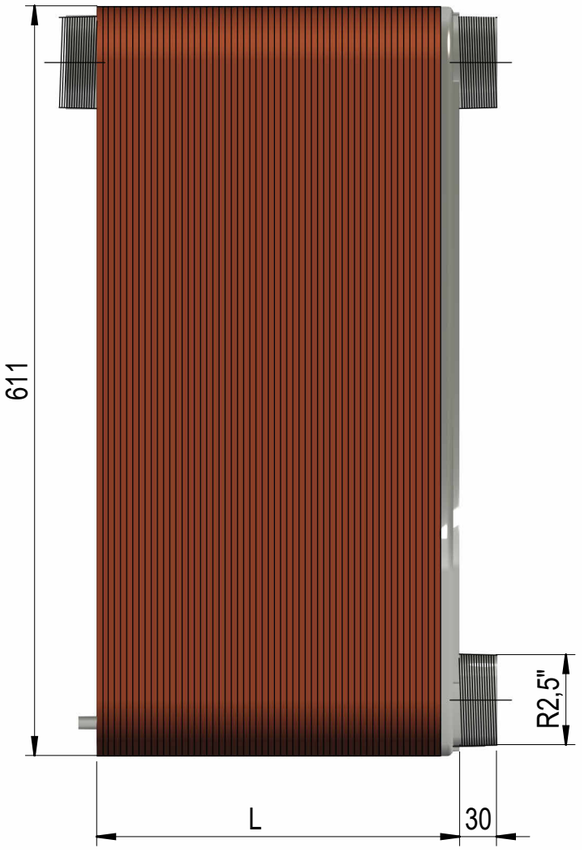
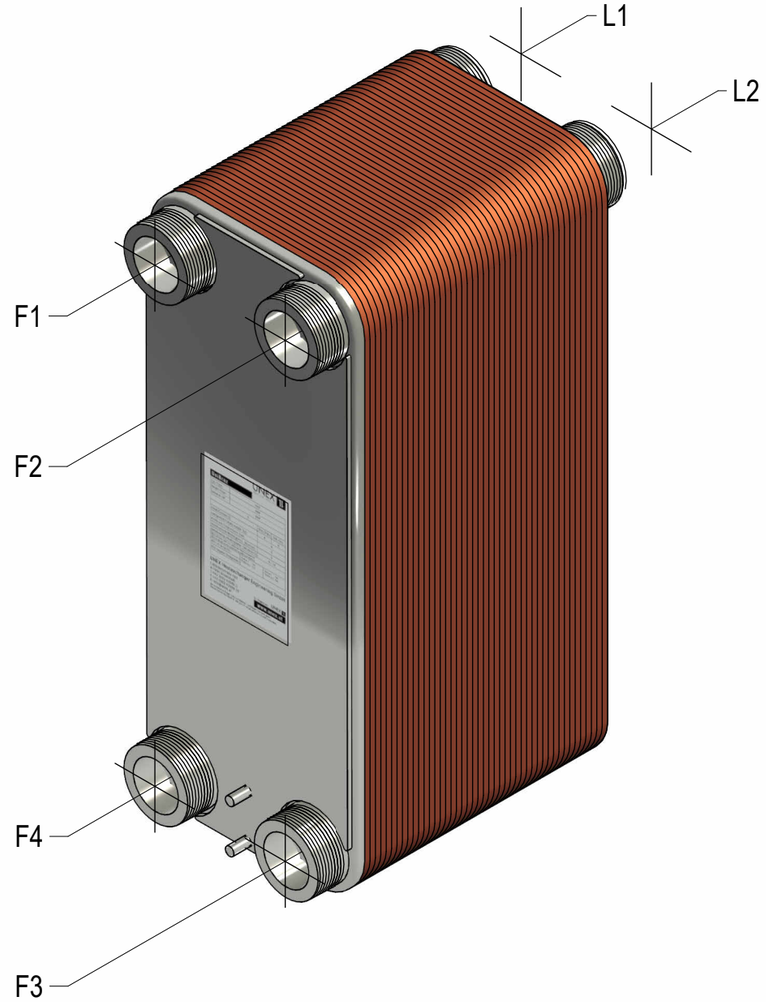






Amount of plates ***	40	50	60	70	80	90	100	110	120	130	140	160	180	200
Volume Side 1 (l) *	6,08	7,68	9,28	10,88	12,48	14,08	15,68	17,28	18,88	20,48	22,08	25,28	28,48	31,68
Volume Side 2 (l) *	6,40	8,00	9,60	11,20	12,80	14,40	16,00	17,60	19,20	20,80	22,40	25,60	28,80	32,00
Max working pressure (bar)	25													
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) *	122,00	150,00	178,00	206,00	234,00	262,00	290,00	318,00	346,00	374,00	402,00	458,00	514,00	570,00
Net Weight Empty (kg)	31,20	37,00	42,80	48,60	54,40	60,20	66,00	71,80	77,60	83,40	89,20	100,80	112,40	124,00
Heat Transfer Area (m²)	5,70	7,20	8,70	10,20	11,70	13,20	14,70	16,20	17,70	19,20	20,70	23,70	26,70	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		

PBF50L-2