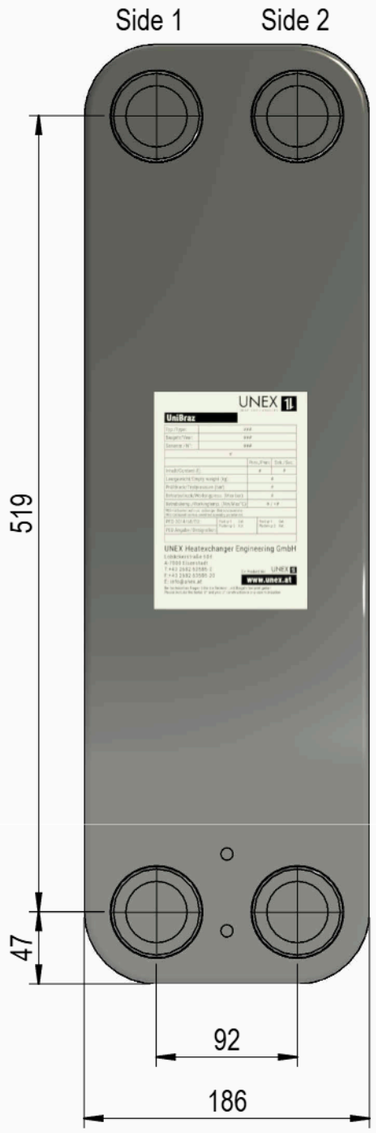

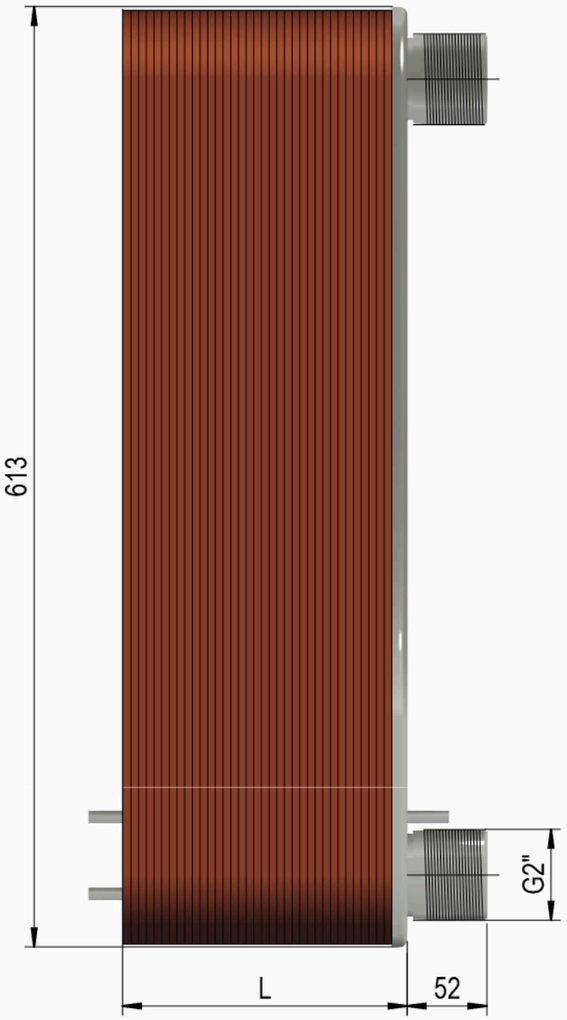

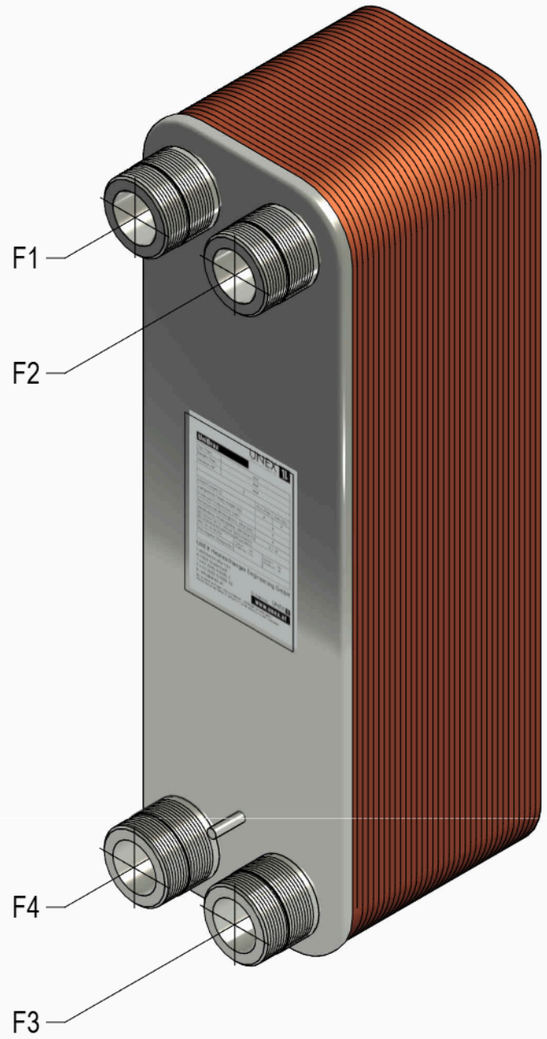

Amount of plates ***	30	36	40	50	60	70	80	90	100	110	120	140	160	180	200
Volume Side 1 (l) *	2,18	2,65	2,96	3,74	4,52	5,30	6,08	6,86	7,64	8,42	9,20	10,76	12,32	13,88	15,44
Volume Side 2 (l) *	2,34	2,81	3,12	3,90	4,68	5,46	6,24	7,02	7,80	8,58	9,36	10,92	12,48	14,04	15,60
Max working pressure (bar)	25														
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) *	63,70	74,14	81,10	98,50	115,90	133,30	150,70	168,10	185,50	202,90	220,30	255,10	289,90	324,70	359,50
Net Weight Empty (kg)	14,70	16,29	17,35	20,00	22,65	25,30	27,95	30,60	33,25	35,90	38,55	43,85	49,15	54,45	59,75
Heat Transfer Area (m²)	2,80	3,40	3,80	4,80	5,80	6,80	7,80	8,80	9,80	10,80	11,80	13,80	15,80	17,80	19,80

* 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		

UniBraz PB34M