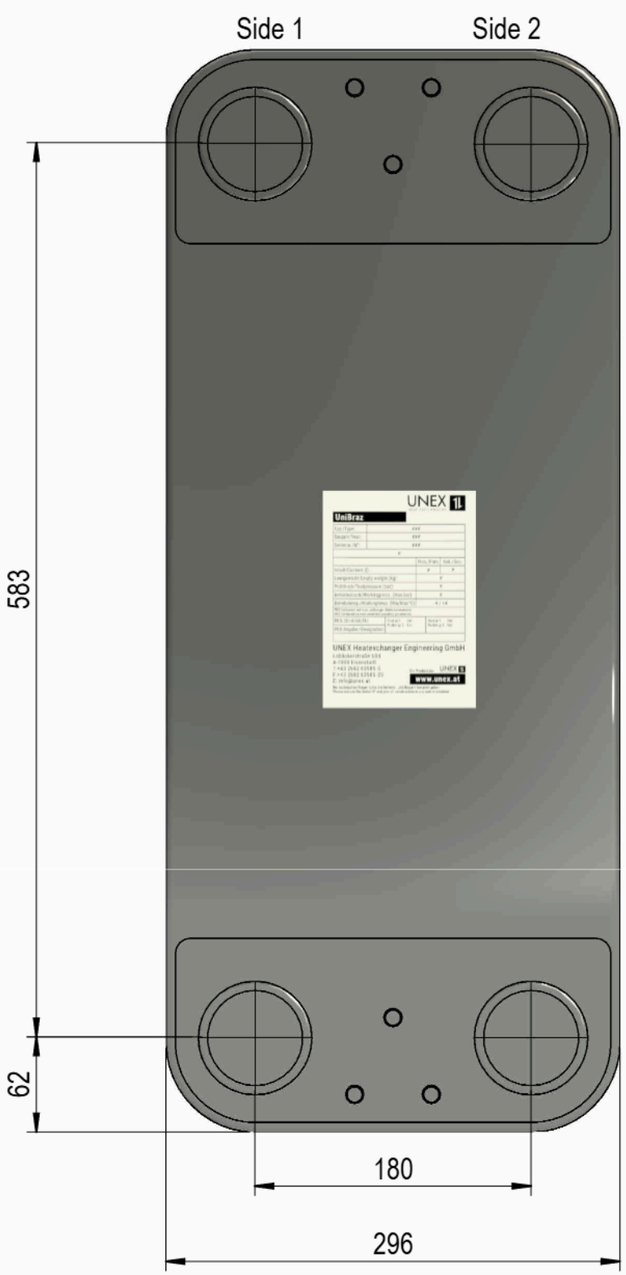

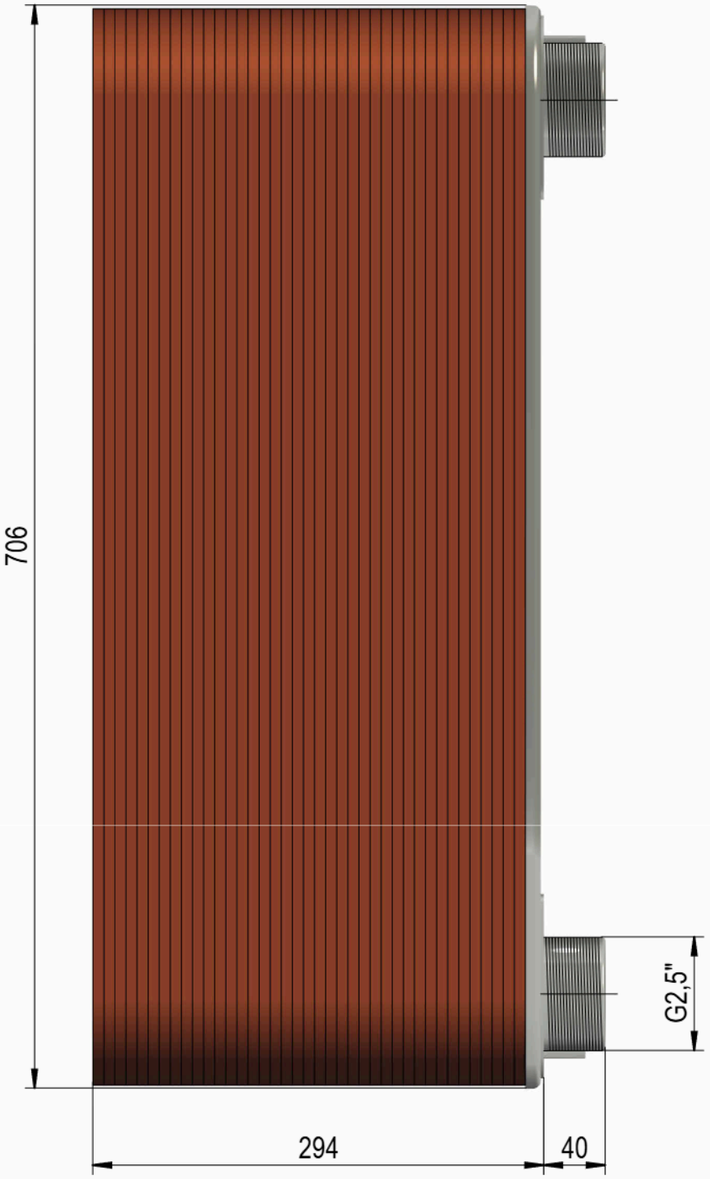

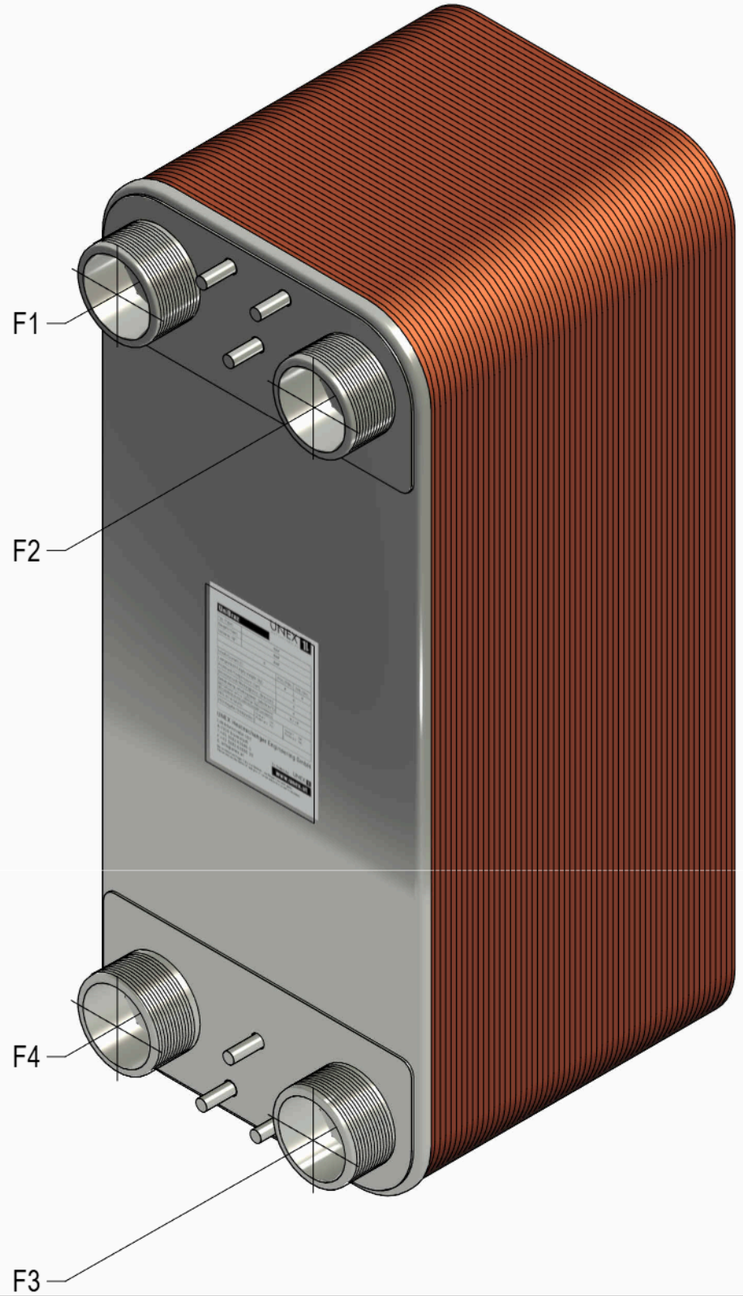

Amount of plates ***	40	50	60	70	80	90	100	110	120	140	160
Volume Side 1 (l) *	9,10	11,50	13,89	16,29	18,68	21,08	23,47	25,87	28,26	33,05	37,84
Volume Side 2 (l) *	9,58	11,98	14,37	16,77	19,16	21,56	23,95	26,35	28,74	33,53	38,32
Max working pressure (bar)	16										
Min / Max temperature (°C)	-10 / +180										
PED Class Group 1 (Category) **	II			III							
PED Class Group 2 (Category) **	I			II							
Plate packet depth L(mm) *	124,00	152,00	180,00	208,00	236,00	264,00	292,00	320,00	348,00	404,00	460,00
Net Weight Empty (kg)	35,88	41,10	46,32	51,54	56,76	61,98	67,20	72,42	77,64	88,08	98,52
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

* 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		

PB56L