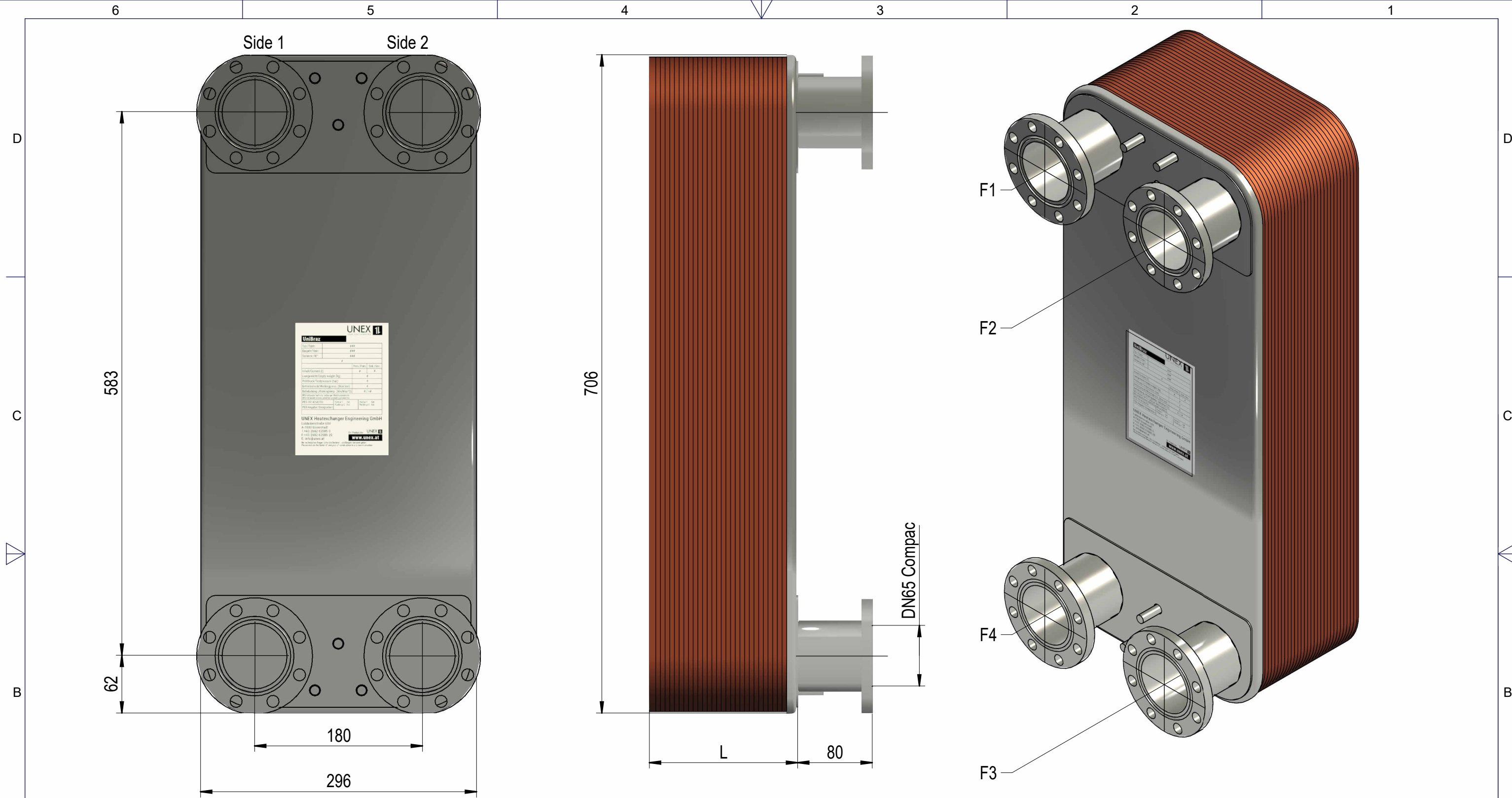




A	Amount of plates ***	40	50	60	70	80	90	100	110	120	140	160	180	200											Where appropriate the following European standards and regulations were used during design and construction:																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																															
	Volume Side 1 (I) *	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											PED 2014/68/EU (Pressure Equipment Directive)																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																															
	Volume Side 2 (I) *	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											EN 1148 (Water to water heat exchangers for district heating) EN 13445 (Unfired Pressure Vessels)																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																															
	Max working pressure (bar)	25																								EN 10272 (Stainless steel bars used for pressure purposes) ISO 2768-m (General tolerances class“m”)																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																														
	Min / Max temperature (°C)	-10 / +180																								EN 10028-7 (Stainless steel flat products used for pressure purposes) ISO 228-1 (“G” Thread BSP parallel)																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																														
	PED Class Group 1 (Category) **	II			III																					©2025 Errors, Omissions and Technical Alterations excepted				Sizes in mm unless otherwise shown																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																										
	PED Class Group 2 (Category) **	I			II																					Connections : 1.4301 (304) / Plates : 1.4404 (316L)																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																														
	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											UNEX HEAT EXCHANGERS 11		UNEX Heatexchanger Engineering GmbH Lobäckerstraße 60d A-7000 Eisenstadt Austria				www.unex.at info@unex.at Tel: + 43 (0) 2682 635 85 0 Fax: + 43 (0) 2682 635 85 20																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																									
	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																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																								