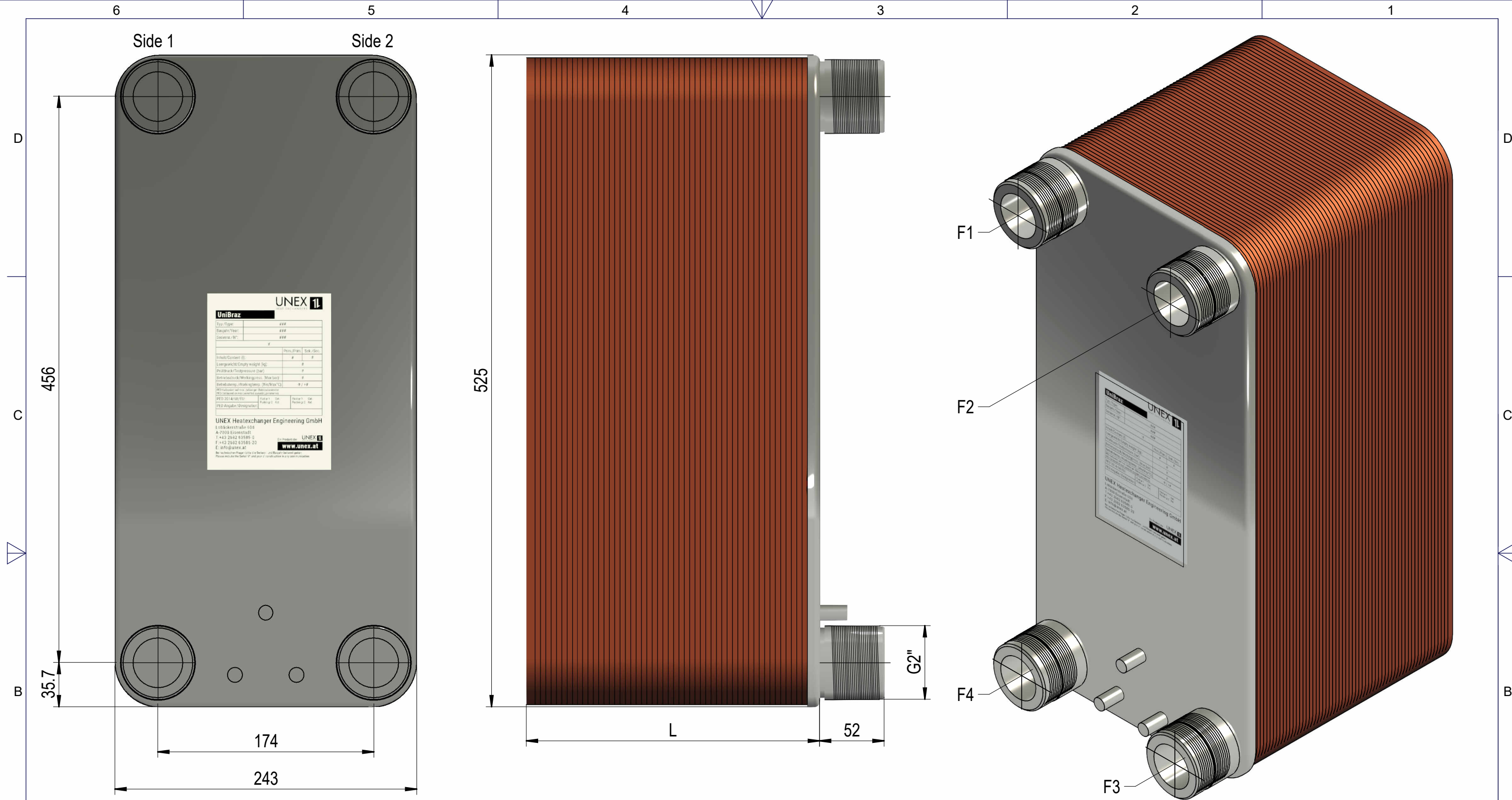




A	Amount of plates ***	30	36	40	50	60	70	80	90	100	110	120	140	160	180	200								Where appropriate the following European standards and regulations were used during design and construction:																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																				
	Volume Side 1 (I) *	3,35	4,06	4,54	5,74	6,93	8,13	9,32	10,52	11,71	12,91	14,10	16,49	18,88	21,27	23,66								PED 2014/68/EU (Pressure Equipment Directive)																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																				
	Volume Side 2 (I) *	3,59	4,30	4,78	5,98	7,17	8,37	9,56	10,76	11,95	13,15	14,34	16,73	19,12	21,51	23,90								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) EN 10028-7 (Stainless steel flat products used for pressure purposes) ISO 2768-m (General tolerances class“m”) ISO 228-1 (“G” Thread BSP parallel)																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																					
	Min / Max temperature (°C)	-10 / +180																					Please ask your sales partner if you require other standards or certification to be applied.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																					
	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) *	79,20	92,64	101,60	124,00	146,40	168,80	191,20	213,60	236,00	258,40	280,80	325,60	370,40	415,20	460,00									UNEX HEAT EXCHANGERS 1 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					A																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																														
	Net Weight Empty (kg)	18,00	19,80	21,00	24,00	27,00	30,00	33,00	36,00	39,00	42,00	45,00	51,00	57,00	63,00	69,00																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																												
	Heat Transfer Area (m²)	3,28	3,98	4,45	5,62	6,79	7,96	9,13	10,30	11,47	12,64	13,18	16,15	18,49	20,83	23,17																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																												
* 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																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																												</