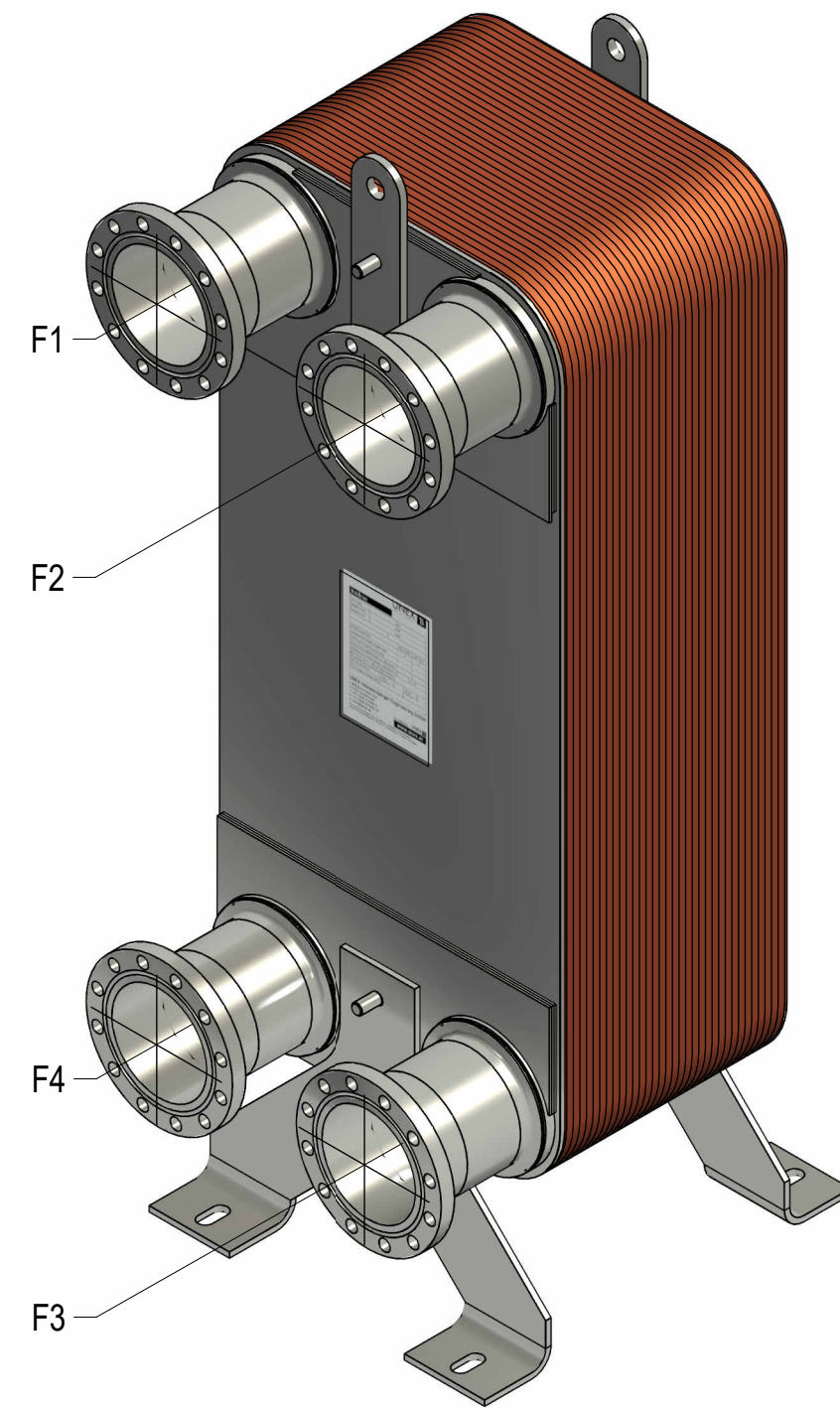
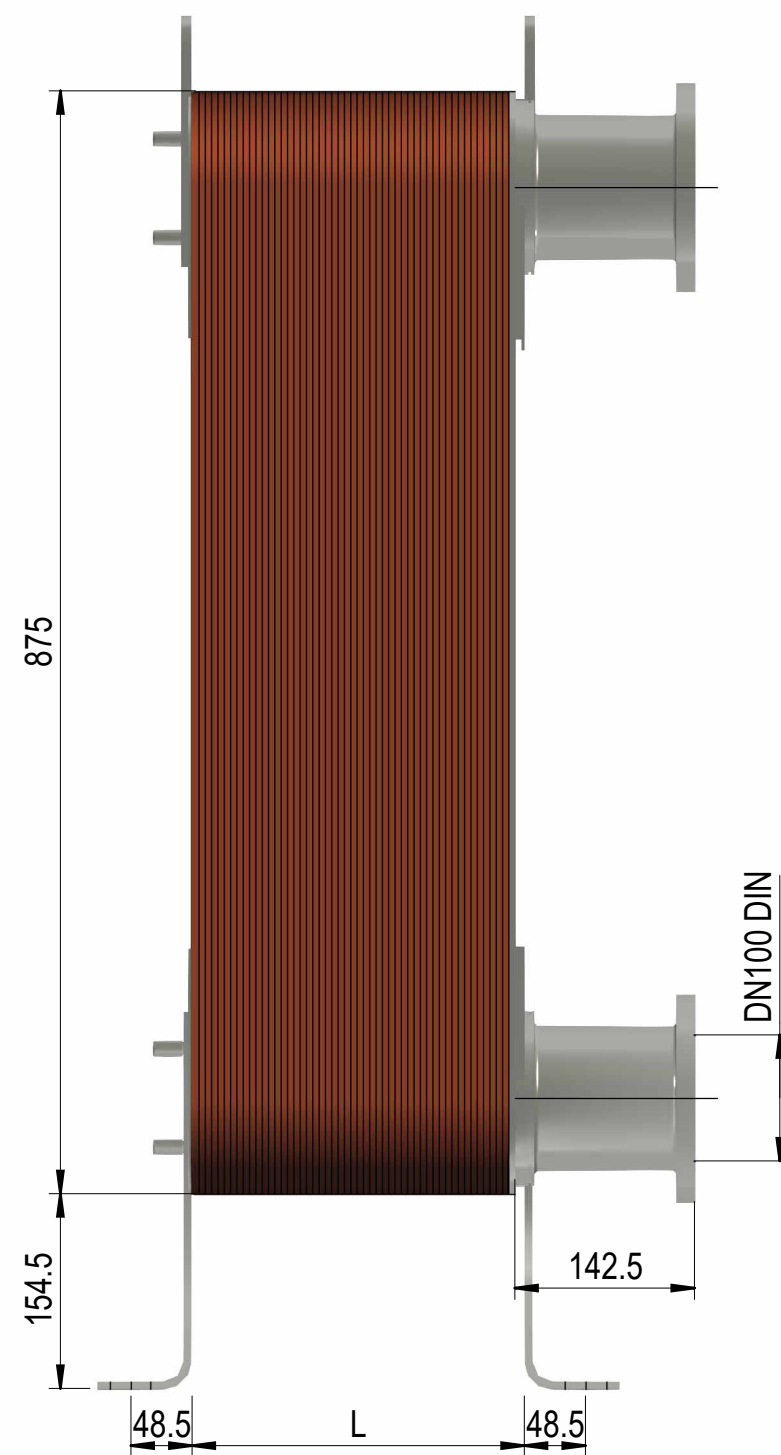
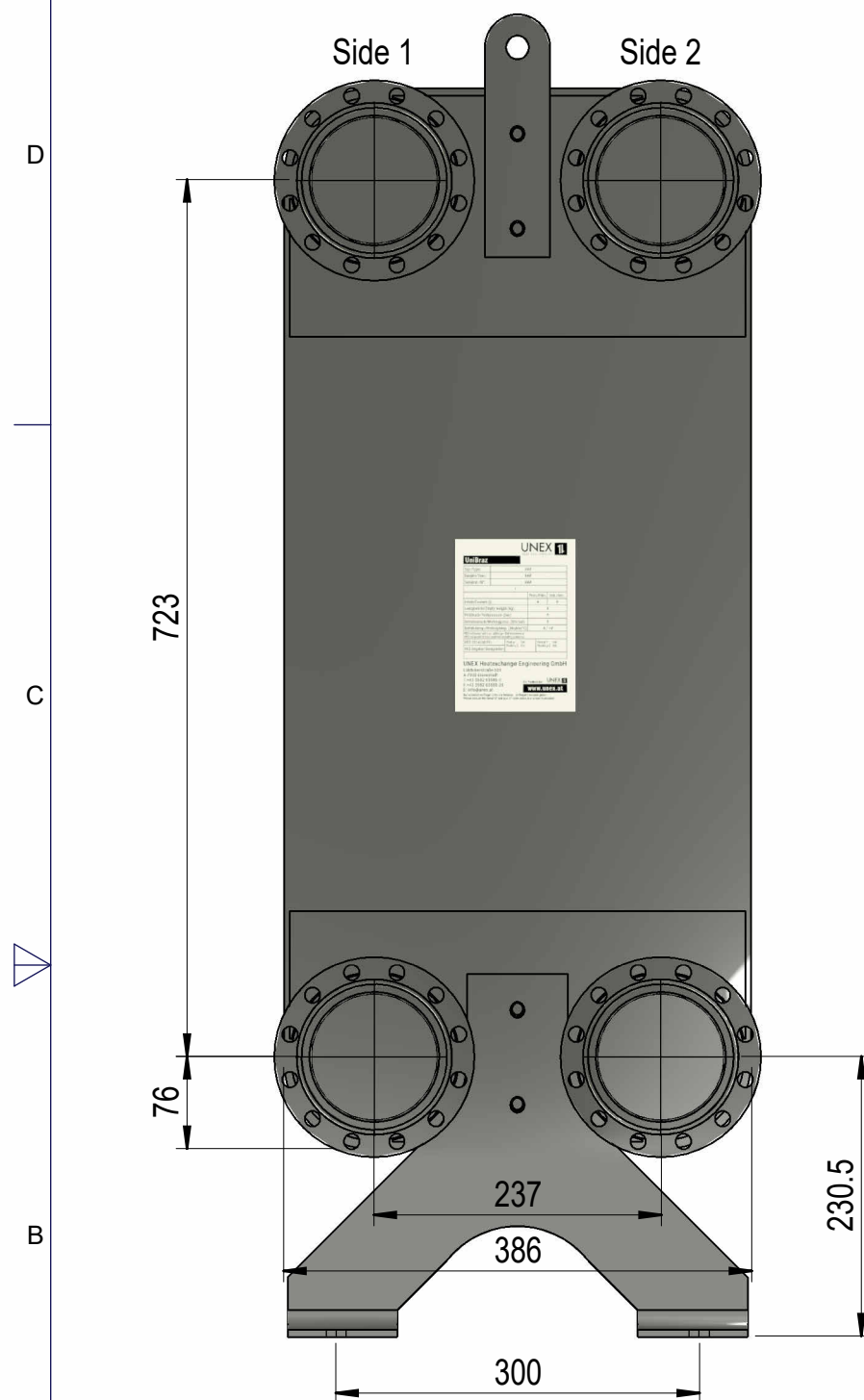




A	Amount of plates ***	50	60	70	80	90	100	110	120	130	140	150	160	170	180	190	200	210	220	230	240	250	260	270	280	290	300	310	320	330	340	350	360	Where appropriate the following European standards and regulations were used during design and construction:																							
	Volume Side 1 (I) *	11,18	13,51	15,84	18,17	20,50	22,83	25,16	27,49	29,82	32,15	34,48	36,81	39,14	41,47	43,80	46,13	48,46	50,79	53,12	55,45	57,78	60,11	62,44	64,77	67,10	69,43	71,76	74,09	76,42	78,75	81,08	83,41	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.																							
	Volume Side 2 (I) *	18,33	21,99	25,66	29,32	32,99	36,65	40,32	43,98	47,65	51,31	54,98	58,64	62,31	65,97	69,64	73,30	76,97	80,63	84,30	87,96	91,63	95,92	98,96	102,62	106,29	109,95	113,62	117,28	120,95	124,61	128,28	131,94	EN 13445 (Unfired Pressure Vessels) ISO 2768-m (General tolerances class“m”) ISO 228-1 (“G” Thread BSP parallel)																							
	Max working pressure (bar)	prim. 31/ sec. 20																																																							
	Min / Max temperature (°C)	-196 / +200																																																							
	PED Class Group 1 (Category) **	III				IV																																©2025 Errors, Omissions and Technical Alterations excepted										Sizes in mm unless otherwise shown									
	PED Class Group 2 (Category) **	II				III																																Connections : 1.4301 (304) / Plates : 1.4404 (316L)										Cu-Free version also available									
	Plate packet depth L(mm) *	139,60	162,90	186,20	209,50	232,80	256,10	279,40	302,7	326,00	349,30	372,60	395,90	419,20	442,50	465,80	489,10	512,40	535,70	559,00	582,30	605,60	628,90	652,20	675,50	698,80	722,10	745,40	768,70	792,00	815,30	838,60	861,90	UNEX HEAT EXCHANGERS  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)	96,60	108,10	119,60	131,10	142,60	154,10	165,60	177,10	188,60	200,10	211,60	223,10	234,60	246,10	257,60	269,10	280,60	292,10	303,60	315,10	326,60	338,10	349,60	361,10	372,60	384,10	395,60	407,10	418,60	430,10	441,60	453,10																								
	Heat Transfer Area (m²)	14,40	17,40	20,40	23,40	26,40	29,40	32,40	35,40	38,40	41,40	44,40	47,40	50,40	53,40	56,40	59,40	62,40	65,40	68,40	71,40	74,40	77,40	80,40	83,40	86,40	89,40	92,40	95,40	98,40	101,40	104,40	107,40																								
* 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																																																									
Status Change Date Name Drawn by 25.03.2025 HET Checked by Updated by UniBraz PB88L																																																									