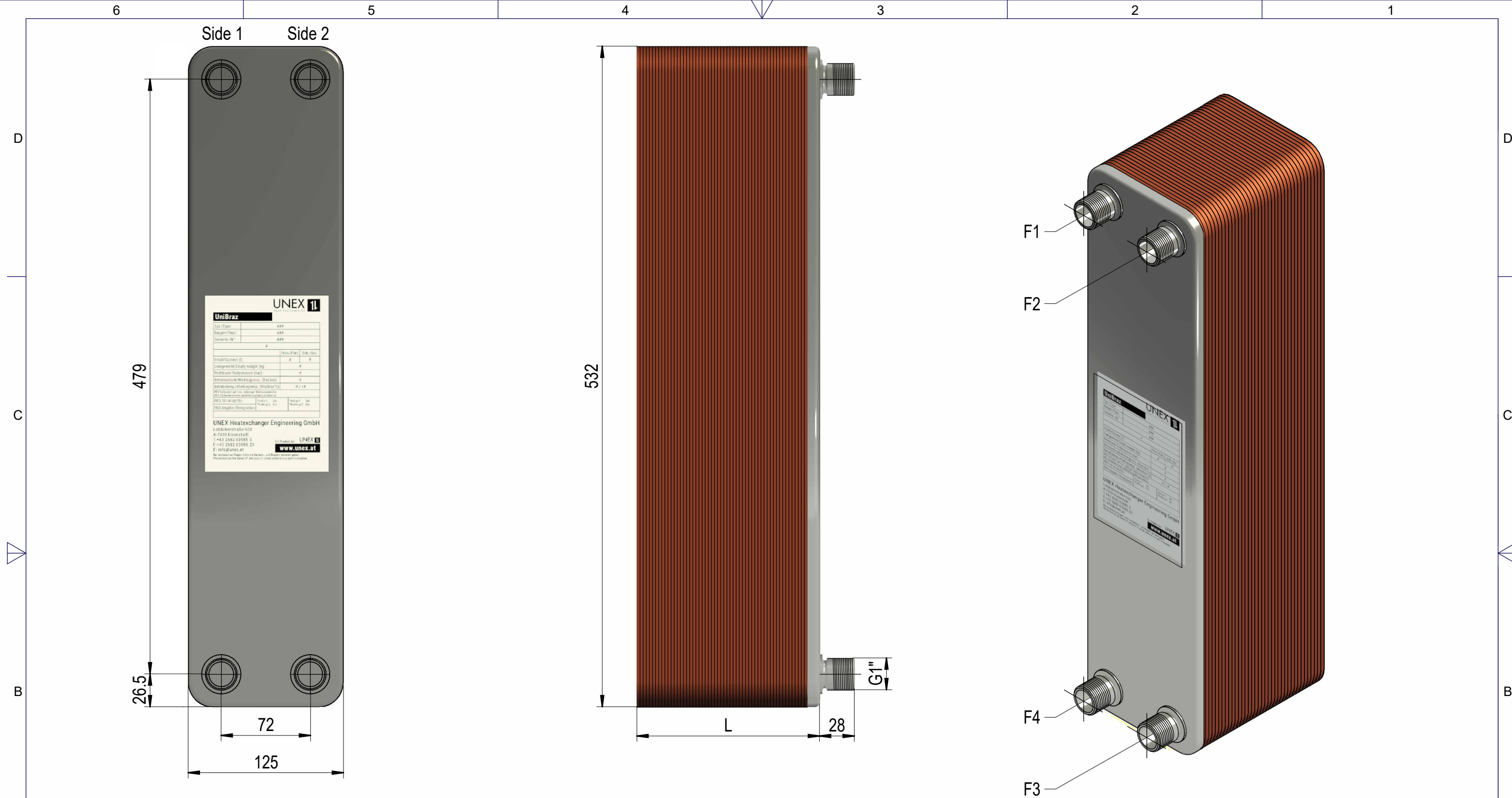




A	Amount of plates ***	10	14	20	24	30	34	40	44	50	60	70	80	90	100	110	120	130	140	150			Where appropriate the following European standards and regulations were used during design and construction:																																																
	Volume Side 1 (I) *	0,44	0,66	0,99	1,21	1,54	1,76	2,09	2,31	2,64	3,19	3,74	4,29	4,84	5,39	5,94	6,49	7,04	7,59	8,14			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) *	0,55	0,77	1,10	1,32	1,65	1,87	2,20	2,42	2,75	3,30	3,85	4,40	4,95	5,50	6,05	6,60	7,15	7,70	8,25			EN 13445 (Unfired Pressure Vessels) ISO 2768-m (General tolerances class“m”) ISO 228-1 (“G” Thread BSP parallel)																																																
	Max working pressure (bar)	30																																																																					
	Min / Max temperature (°C)	-195 / +195																																																																					
	PED Class Group 1 (Category) **	-																														©2025 Errors, Omissions and Technical Alterations excepted										Sizes in mm unless otherwise shown																													
	PED Class Group 2 (Category) **	SEP					I										II															Connections : 1.4301 (304) / Plates : 1.4404 (316L)																																							
	Plate packet depth L(mm) *	32,00	41,20	55,00	64,20	78,00	87,20	101,00	110,20	124,00	147,00	170,00	193,00	216,00	239,00	262,00	285,00	308,00	331,00	354,00														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)	4,62	5,37	6,49	7,24	8,36	9,11	10,23	10,98	12,10	13,97	15,84	17,71	19,58	21,45	23,32	25,19	27,06	28,93	30,80																																																			
	Heat Transfer Area (m²)	0,32	0,48	0,72	0,88	1,12	1,28	1,52	1,68	1,92	2,32	2,72	3,12	3,52	3,92	4,32	4,72	5,12	5,52	5,92																																																			
* 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																																																																							

					Date	Name	UniBraz PBU20
				Drawn by	25.03.2025	HET	
				Checked by			
Status	Change	Date	Name	Updated by			