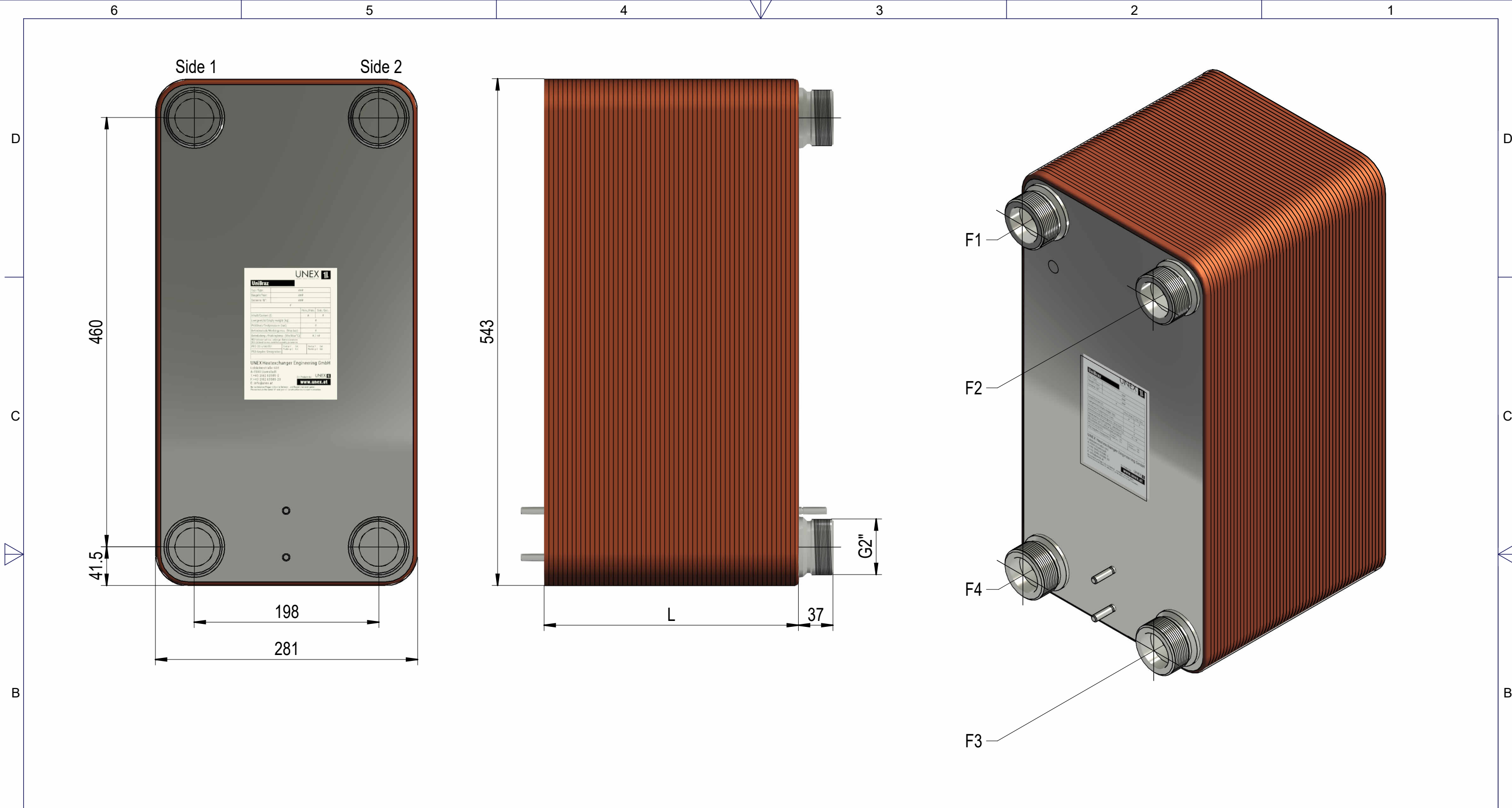




Amount of plates ***		20	24	30	34	40	44	50	60	70	80	90	100	110	120	130	140	150	160				Where appropriate the following European standards and regulations were used during design and construction:															
Volume Side 1 (I) *		2,79	3,41	4,34	4,96	5,89	6,51	7,44	8,99	10,54	12,09	13,64	15,19	16,74	18,29	19,84	21,39	22,94	24,49				PED 2014/68/EU (Pressure Equipment Directive)															
Volume Side 2 (I) *		3,10	3,72	4,65	5,27	6,20	6,82	7,75	9,30	10,85	12,40	13,95	15,50	17,05	18,60	20,15	21,70	23,25	24,80				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.															
Max working pressure (bar)		31																																				
Min / Max temperature (°C)		-196 / +200																																				
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)																
A	Plate packet depth L(mm) *	64,50	74,90	90,50	100,90	116,50	126,90	142,50	168,50	194,50	220,50	246,50	272,50	298,50	324,50	350,50	376,50	402,50	428,50				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					UniBraz PBG45M										
	Net Weight Empty (kg)	23,15	25,15	28,15	30,15	33,15	35,15	38,15	43,15	48,15	53,15	58,15	63,15	68,15	73,15	78,15	83,15	88,15	93,15																			
	Heat Transfer Area (m²)	2,88	3,52	4,48	5,12	6,08	6,72	7,68	9,28	10,88	12,48	14,08	15,68	17,28	18,88	20,48	22,08	23,68	25,28																			
* 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 PBG45M									
																										Drawn by	25.03.2025	HET										
																										Checked by												
																						Status	Change	Date	Name	Updated by												
6		5					4					3					2					1																