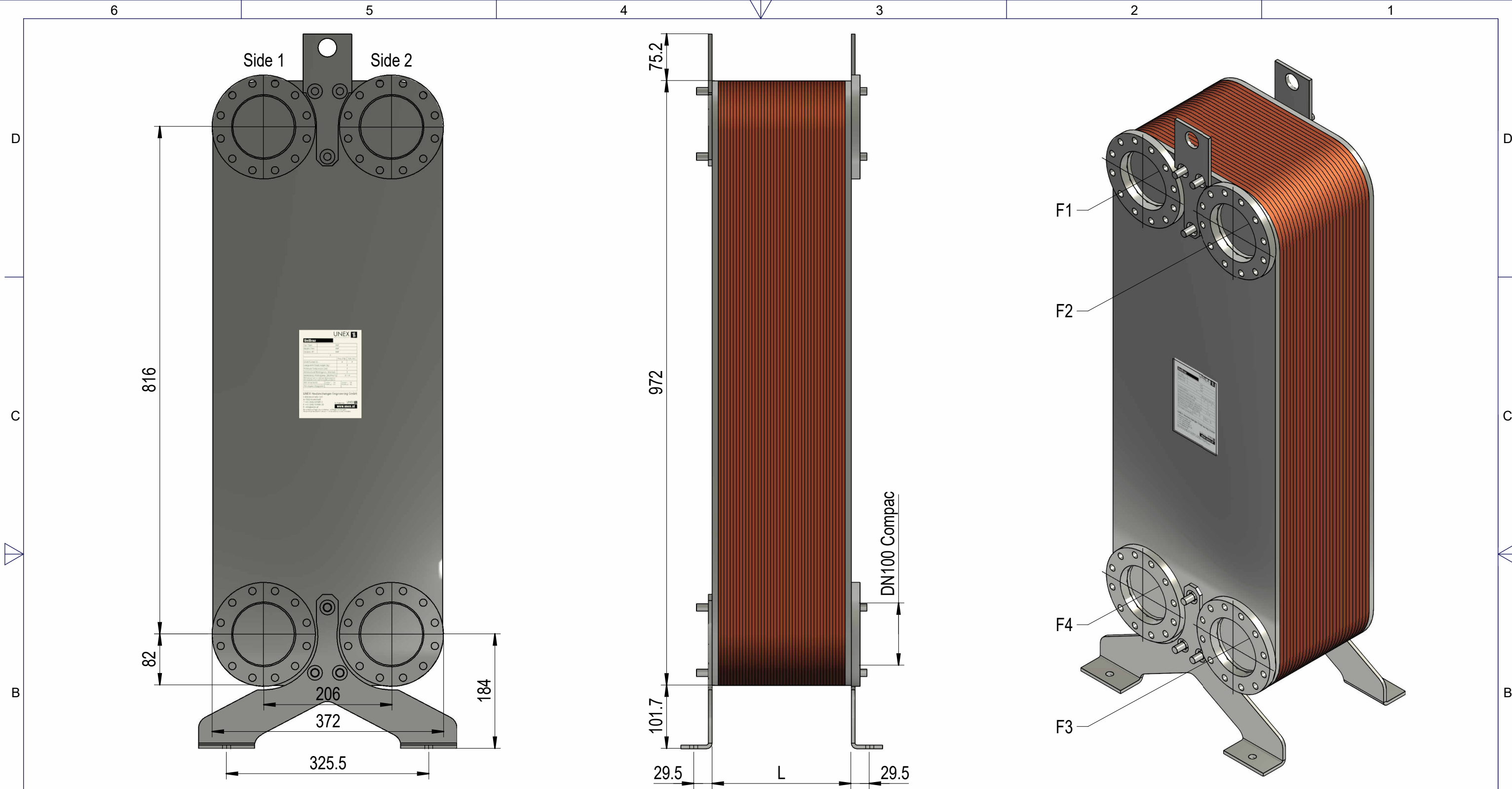




A	Amount of plates ***	50	60	70	80	90	100	110	120	140	160	180	200	220	240	260	280						Where appropriate the following European standards and regulations were used during design and construction:																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																	
	Volume Side 1 (I) *	12,46	15,05	17,65	20,24	22,84	25,43	28,03	30,62	35,81	41,00	46,19	51,38	56,57	61,76	66,95	72,14						PED 2014/68/EU (Pressure Equipment Directive)																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																	
	Volume Side 2 (I) *	12,98	15,57	18,17	20,76	23,36	126,10	135,80	145,50	164,90	184,30	203,70	223,10	242,50	261,90	281,30	300,70						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) **	III										II							©2025 Errors, Omissions and Technical Alterations excepted						Sizes in mm unless otherwise shown																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																															
	PED Class Group 2 (Category) **	IV										III							Connections : 1.4301 (304) / Plates : 1.4404 (316L)																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																					
	Plate packet depth L(mm) *	118,00	139,00	160,00	181,00	202,00	223,00	244,00	265,00	307,00	349,00	391,00	433,00	475,00	517,00	559,00	601,00								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)	77,60	87,30	97,00	106,70	116,40	126,10	135,80	145,50	164,90	184,30	203,70	223,10	242,50	261,90	281,30	300,70																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																								
Heat Transfer Area (m²)	15,17	18,33	21,49	24,65	27,81	30,97	34,13	37,29	43,61	49,93	56,25	62,57	68,89	75,21	81,53	87,85																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																								
* 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																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																								