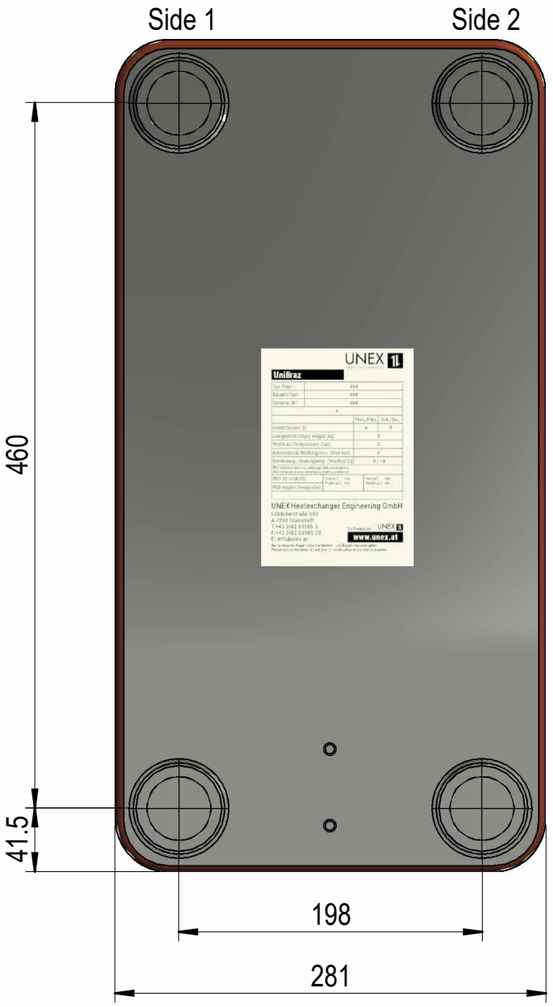

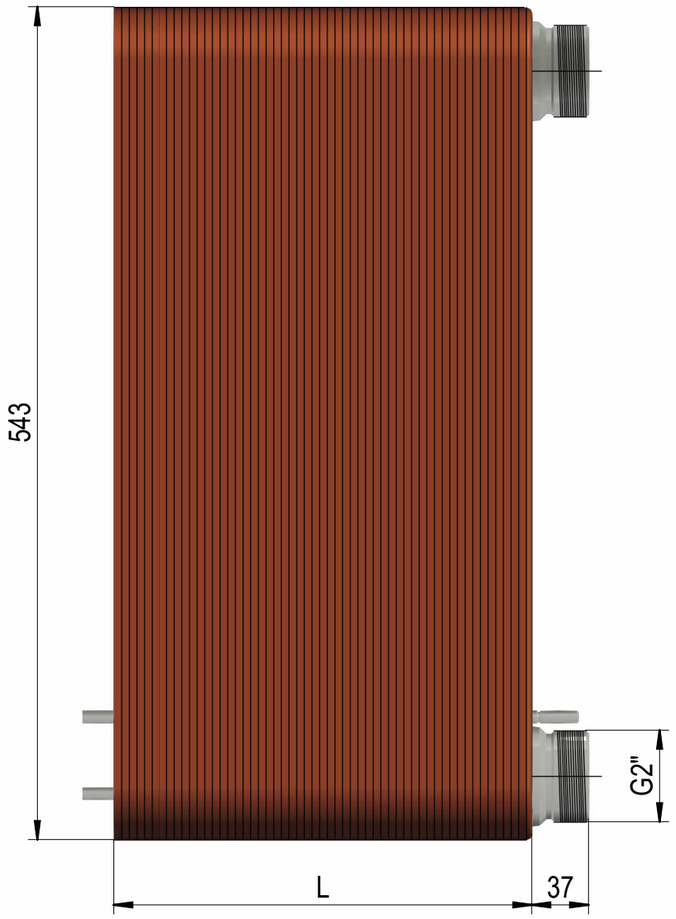

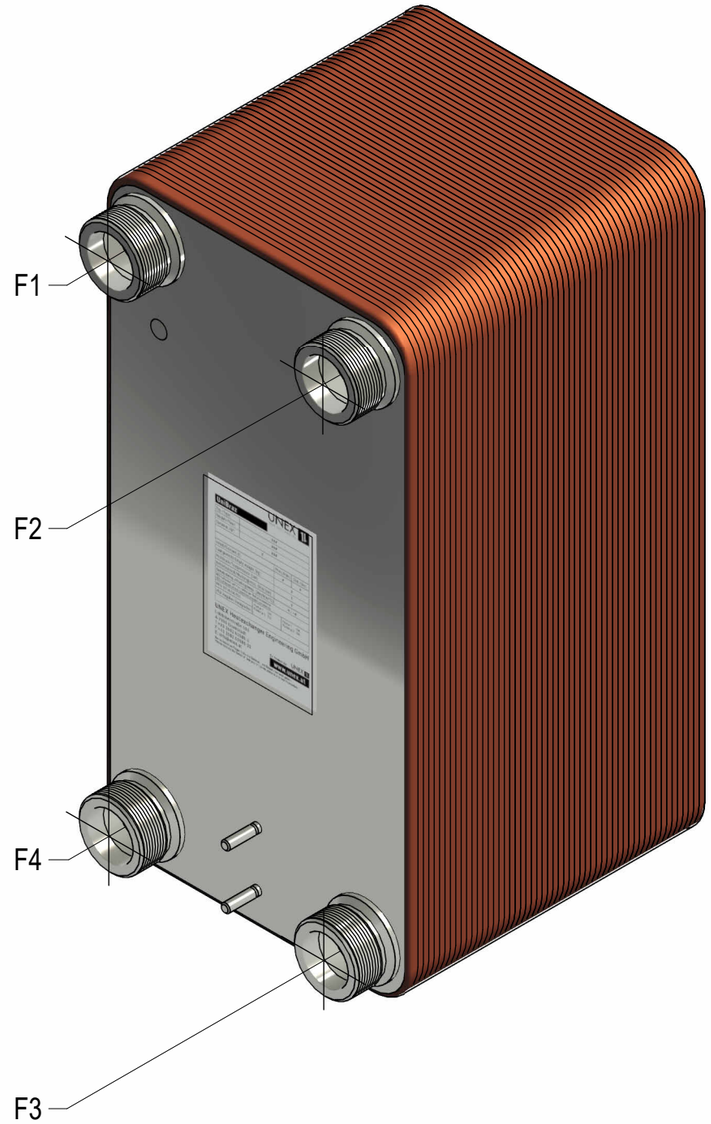

Amount of plates ***	20	24	30	34	40	44	50	60	70	80	90	100	110	120	130	140	150	160
Volume Side 1 (l) *	2,79	3,41	4,34	4,96	5,89	6,51	7,44	8,99	10,54	12,09	13,64	15,19	16,74	18,29	19,84	21,39	22,94	24,49
Volume Side 2 (l) *	3,10	3,72	4,65	5,27	6,20	6,82	7,75	9,30	10,85	12,40	13,95	15,50	17,05	18,60	20,15	21,70	23,25	24,80
Max working pressure (bar)	31																	
Min / Max temperature (°C)	-196 / +200																	
PED Class Group 1 (Category) **	II					III												
PED Class Group 2 (Category) **	I					II												
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
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

Where appropriate the following European standards and regulations were used during design and construction:

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)
EN 13445 (Unfired Pressure Vessels)
ISO 2768-m (General tolerances class"m")
ISO 228-1 ("G" Thread BSP parallel)
Please ask your sales partner if you require other standards or certification to be applied.

©2025 Errors, Omissions and Technical Alterations excepted

Sizes in mm unless otherwise shown

Connections : 1.4301 (304) / Plates : 1.4404 (316L)

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

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

PBG45H