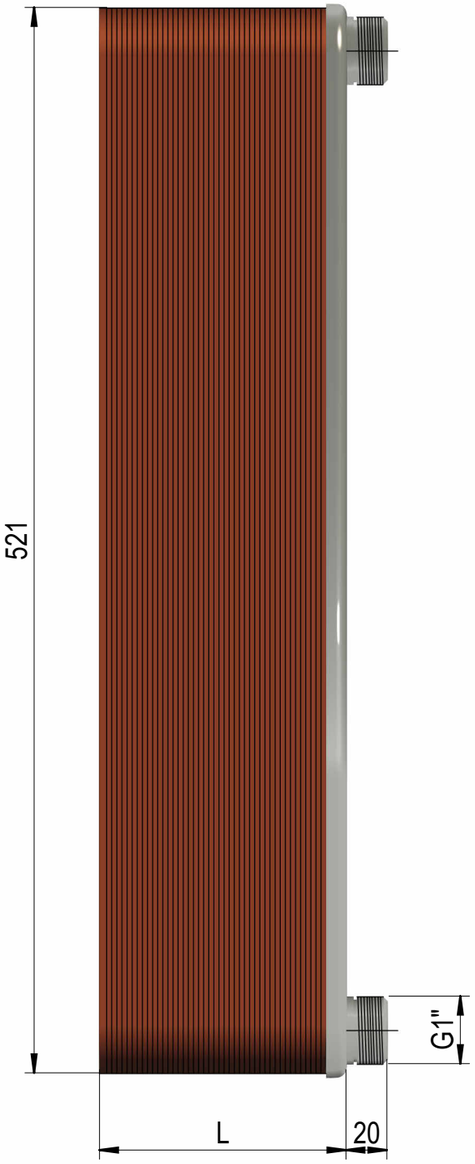

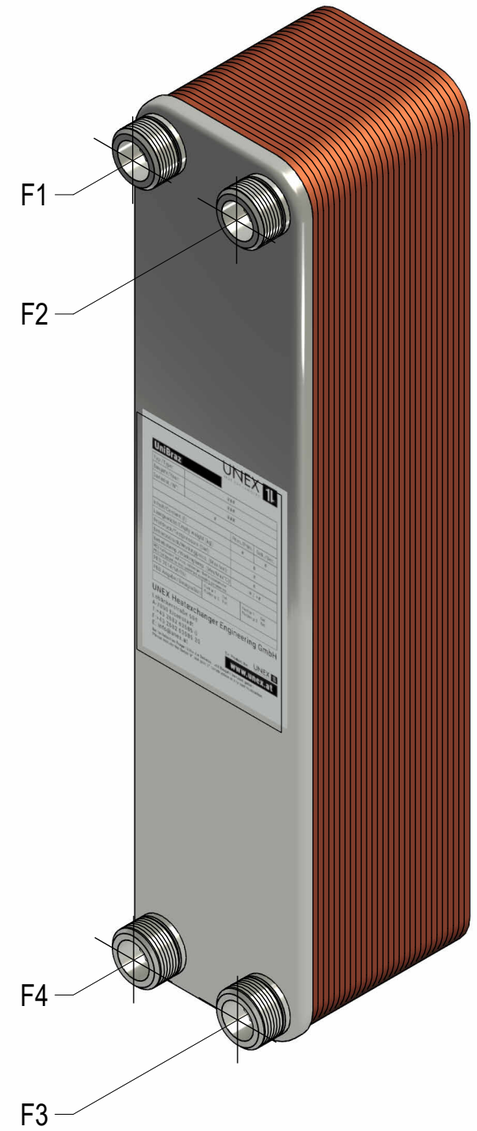

Amount of plates ***	10	16	20	26	30	36	40	50	60	70	80	90	100	110	120
Volume Side 1 (l) *	0,41	0,71	0,92	1,22	1,43	1,73	1,94	2,45	2,96	3,47	3,98	4,49	5,00	5,51	6,02
Volume Side 2 (l) *	0,51	0,82	1,02	1,33	1,53	1,84	2,04	2,55	3,06	3,57	4,08	4,59	5,10	5,61	6,12
Max working pressure (bar)	25														
Min / Max temperature (°C)	-10 / +180														
PED Class Group 1 (Category) **	SEP		I				II								
PED Class Group 2 (Category) **	SEP						I								
Plate packet depth L(mm) *	32,10	45,36	54,20	67,46	76,30	89,56	98,40	120,50	142,60	164,70	186,80	208,90	231,00	253,10	275,20
Net Weight Empty (kg)	3,84	4,80	5,44	6,40	7,04	8,00	8,64	10,24	11,84	13,44	15,04	16,64	18,24	19,84	21,44
Heat Transfer Area (m²)	0,45	0,78	1,01	1,34	1,57	1,90	2,13	2,69	3,25	3,81	4,37	4,93	5,49	6,05	6,61

* 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)
Please ask your sales partner if you require other standards or certification to be applied.

EN 13445 (Unfired Pressure Vessels)
ISO 2768-m (General tolerances class"m")
ISO 228-1 ("G" Thread BSP parallel)

©2025 Errors, Omissions and Technical Alterations excepted

Sizes in mm unless otherwise shown

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

Cu-Free version also available

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		

PBF20L