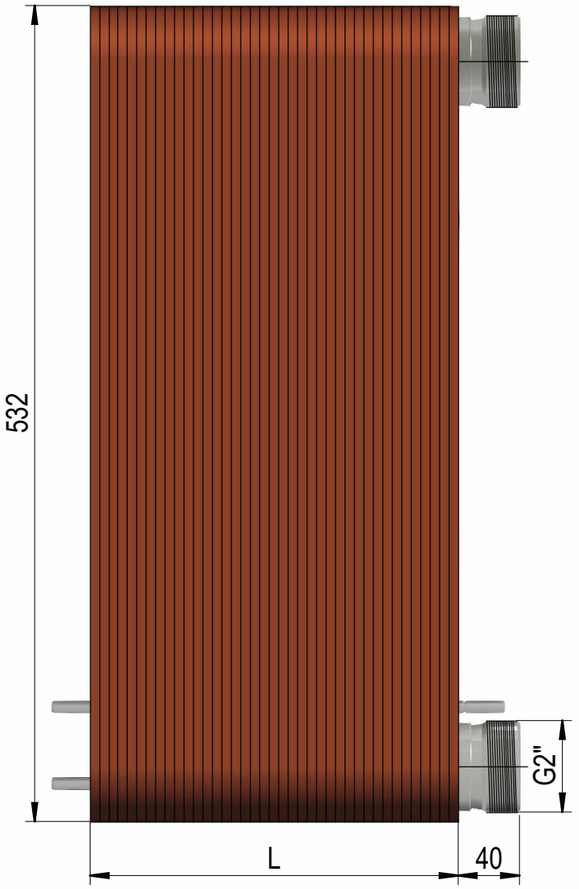
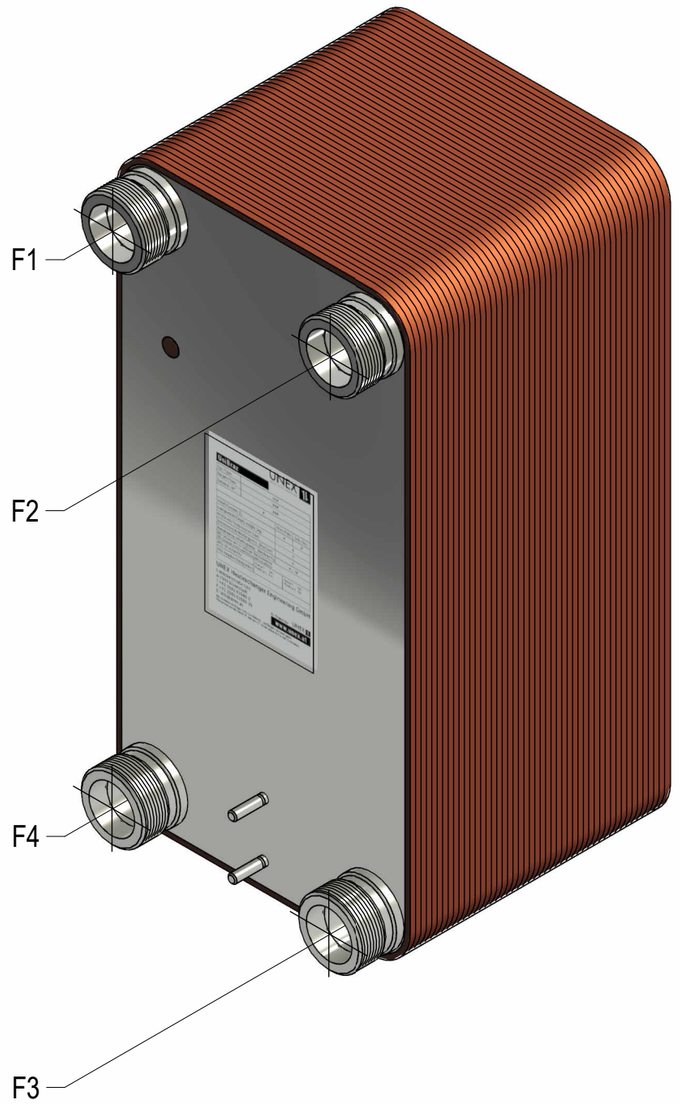






Amount of plates ***	20	24	30	34	40	44	50	60	70	80	90	100	110	120	130	140	150
Volume Side 1 (l) *	2,07	2,53	3,22	3,68	4,37	4,83	5,52	6,67	7,82	8,97	10,12	11,27	12,42	13,57	14,72	15,87	17,02
Volume Side 2 (l) *	2,30	2,76	3,45	3,91	4,60	5,06	5,75	6,90	8,05	9,20	10,35	11,50	12,65	13,80	14,95	16,10	17,25
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) *	56,70	65,86	79,60	88,76	102,50	111,60	125,40	148,30	171,20	194,10	217,00	239,90	262,80	285,70	308,60	331,50	354,40
Net Weight Empty (kg)	16,45	18,33	21,15	23,03	25,85	27,73	30,55	35,25	39,95	44,65	49,35	54,05	58,75	63,45	68,15	72,85	77,55
Heat Transfer Area (m²)	2,43	2,97	3,78	4,32	5,13	5,67	6,48	7,83	9,18	10,53	11,88	13,23	14,58	15,93	17,28	18,63	19,98

* 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		

UniBraz PB45M