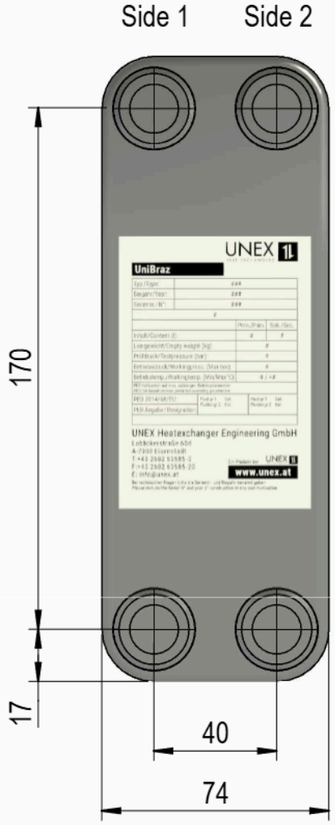

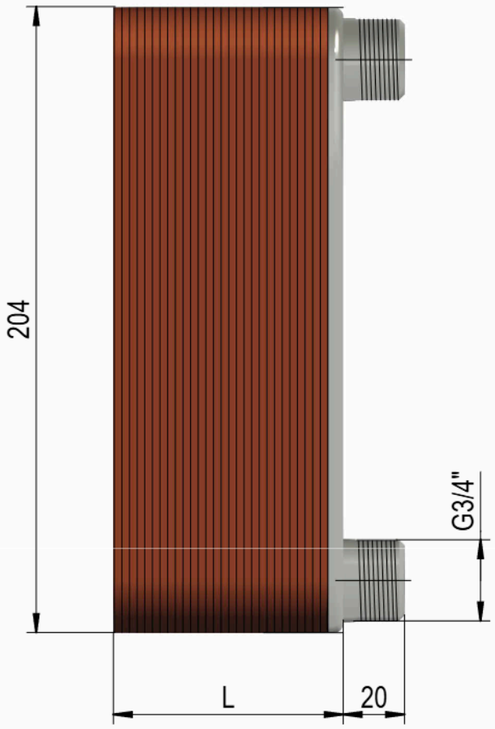

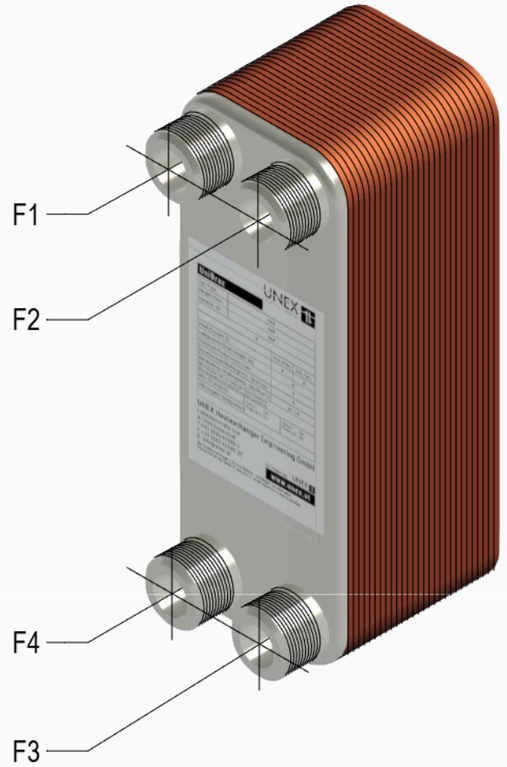

Amount of plates***	8	10	14	20	24	30	34	40	44	50
Volume Side 1 (l)*	0,08	0,10	0,15	0,23	0,28	0,35	0,40	0,48	0,53	0,60
Volume Side 2 (l)*	0,10	0,13	0,18	0,25	0,30	0,38	0,43	0,50	0,55	0,63
Max working pressure (bar)	31									
Min / Max temperature (°C)	-196 / +200									
PED Class Group 1 (Category)	SEP									
PED Class Group 2 (Category)	SEP									
Plate packet depth L(mm)*	25,8	30,3	39,2	52,6	61,5	74,9	83,8	97,2	106,1	119,5
Net Weight Empty (kg)	0,70	0,70	0,72	0,73	0,74	0,76	0,77	0,78	0,79	0,801
Heat Transfer Area (m²)	0,08	0,11	0,17	0,25	0,31	0,39	0,45	0,53	0,59	0,67

* 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)

©2023 Errors, Omissions and Technical Alterations excepted

Sizes in mm unless otherwise shown

Connections : 1.4301 (304) / Plates : 1.4404 (316L) / Braze : Cu 99.9%

Cu-Free version also available

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

UniBraz PB4M