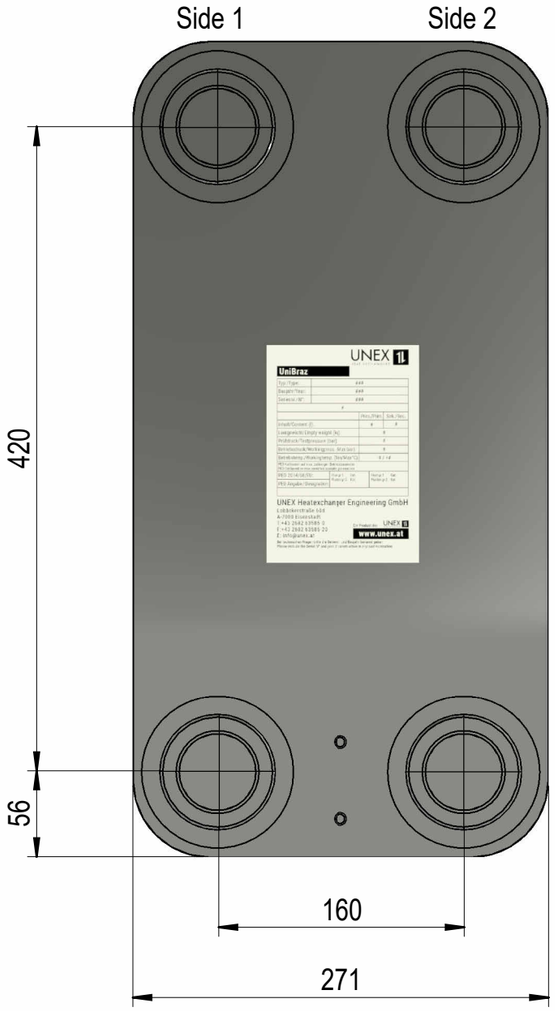
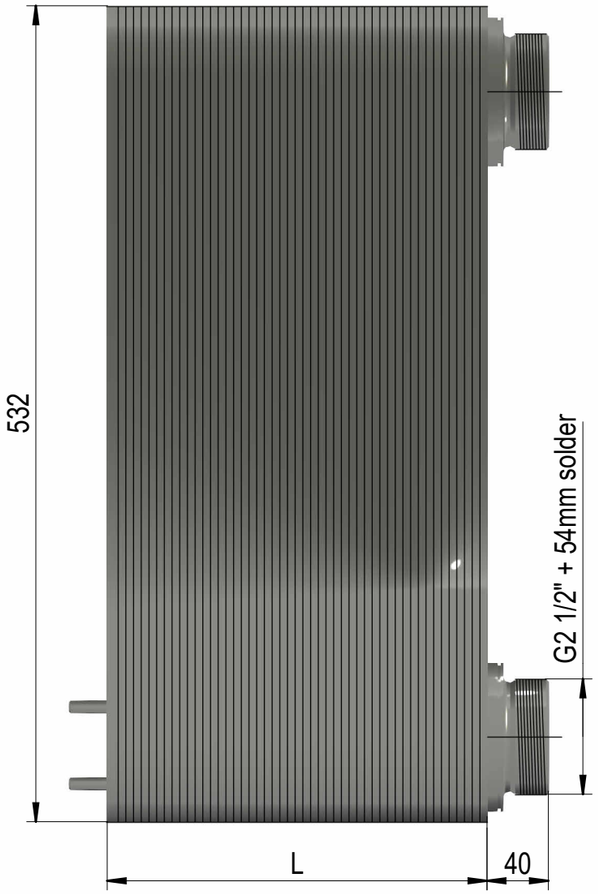
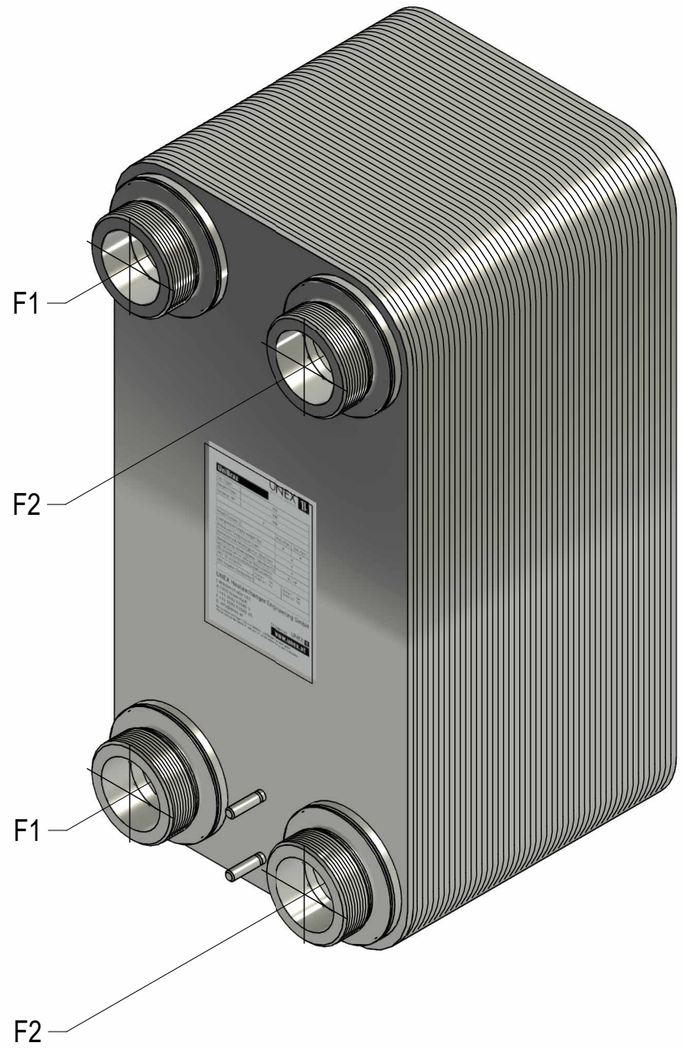






Amount of plates ***	20	24	30	34	40	44	50	60	70	80	90	100	110	120	130	140	150	160	170	180	190	200
Volume Side 1 (l) *	1,99	2,43	3,09	3,54	4,20	4,64	5,30	6,41	7,51	8,62	9,72	10,83	11,93	13,04	14,14	15,25	16,35	17,46	18,56	19,67	20,77	21,88
Volume Side 2 (l) *	2,21	2,65	3,32	3,76	4,42	4,86	5,53	6,63	7,74	8,84	9,95	11,05	12,16	13,26	14,37	15,47	16,58	17,68	18,79	19,89	21,00	22,10
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) *	60,40	69,76	83,80	93,16	107,20	116,56	130,60	154,00	177,40	200,80	224,20	247,60	271,00	294,40	317,80	341,20	364,60	388,00	411,40	434,80	458,20	481,60
Net Weight Empty (kg)	20,70	22,70	25,70	27,70	30,70	32,70	35,70	40,70	45,70	50,7	55,70	60,70	65,70	70,70	75,70	80,70	85,70	90,70	95,70	100,70	105,70	110,70
Heat Transfer Area (m²)	2,34	2,86	3,64	4,16	4,94	5,46	6,24	7,54	8,84	10,14	11,44	12,74	14,04	15,34	16,64	17,94	19,24	20,54	21,84	23,14	24,44	25,74

* 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		

UniBraz PBP44H