



Amount of plates ***	10	14	20	24	30	34	40	44	50	60	70	80	90	100	110	120	130	140	150
Volume Side 1 (l) *	0,44	0,66	0,99	1,21	1,54	1,76	2,09	2,31	2,64	3,19	3,74	4,29	4,84	5,39	5,94	6,49	7,04	7,59	8,14
Volume Side 2 (l) *	0,55	0,77	1,10	1,32	1,65	1,87	2,20	2,42	2,75	3,30	3,85	4,40	4,95	5,50	6,05	6,60	7,15	7,70	8,25
Max working pressure (bar)	30																		
Min / Max temperature (°C)	-195 / +195																		
PED Class Group 1 (Category) **	-																		
PED Class Group 2 (Category) **	SEP					I							II						
Plate packet depth L(mm) *	32,00	41,20	55,00	64,20	78,00	87,20	101,00	110,20	124,00	147,00	170,00	193,00	216,00	239,00	262,00	285,00	308,00	331,00	354,00
Net Weight Empty (kg)	4,62	5,37	6,49	7,24	8,36	9,11	10,23	10,98	12,10	13,97	15,84	17,71	19,58	21,45	23,32	25,19	27,06	28,93	30,80
Heat Transfer Area (m²)	0,32	0,48	0,72	0,88	1,12	1,28	1,52	1,68	1,92	2,32	2,72	3,12	3,52	3,92	4,32	4,72	5,12	5,52	5,92

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)

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	Date 25.03.2025	Name HET	<h1>UniBraz PBU20</h1>	
Checked by				
Updated by				
Status	Change	Date	Name	

* 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