



Amount of plates ***	10	16	20	26	30	36	40	50	60	70	80	90	100	110	120
Volume Side 1 (l) *	0,28	0,49	0,63	0,84	0,98	1,19	1,33	1,68	2,03	2,38	2,73	3,08	3,43	3,78	4,13
Volume Side 2 (l) *	0,35	0,56	0,70	0,91	1,05	1,26	1,40	1,75	2,10	2,45	2,80	3,15	3,50	3,85	4,20
Max working pressure (bar)	16														
Min / Max temperature (°C)	-10 / +180														
PED Class Group 1 (Category) **	SEP					I					II				
PED Class Group 2 (Category) **	SEP														
Plate packet depth L(mm) *	26,80	36,88	43,60	53,68	60,40	70,48	77,20	94,00	110,80	127,60	144,40	161,20	178,00	194,80	211,60
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

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

Sizes in mm unless otherwise shown
 Cu-Free version also available

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* 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

Status	Change	Date	Name	Updated by	Date	Name
					25.03.2025	HET

PBF20M