



Amount of plates ***	10	16	20	26	30	36	40	50	60	70	80	90	100	110	120	140
Volume Side 1 (l) *	0,12	0,20	0,26	0,35	0,41	0,49	0,55	0,70	0,84	0,99	1,13	1,28	1,42	1,57	1,71	2,00
Volume Side 2 (l) *	0,15	0,23	0,29	0,38	0,44	0,52	0,58	0,73	0,87	1,02	1,16	1,31	1,45	1,60	1,74	2,03
Max working pressure (bar)	25															
Min / Max temperature (°C)	-196 / +180															
PED Class Group 1 (Category) **	SEP					I					II					
PED Class Group 2 (Category) **	SEP															
Plate packet depth L(mm) *	22,00	29,20	34,00	41,20	46,00	53,20	58,00	70,00	82,00	94,00	106,00	118,00	130,00	142,00	154,00	178,00
Net Weight Empty (kg)	2,29	2,75	3,05	3,51	3,81	4,27	4,57	5,33	6,09	6,85	7,61	8,37	9,13	9,89	10,65	12,17
Heat Transfer Area (m²)	0,22	0,39	0,50	0,67	0,78	0,95	1,06	1,34	1,62	1,90	2,18	2,46	2,73	3,01	3,29	3,85

<b>Where appropriate the following European standards and regulations were used during design and construction:</b>	
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)	
	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

\* 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	Date	Name
				25.03.2025	HET

**UniBraz PBF10H**