



Amount of plates	Type	40	50	60	70	80	90	100	110	120	140	160	180	200
Volume Primary side (l)*	H	10.58	13.36	16.15	18.93	21.72	24.50	27.28	30.07	32.85	38.42	43.99	49.56	55.12
Volume Secondary side (l)*	H	11.14	13.92	16.70	19.49	22.27	25.06	27.84	30.62	33.41	38.98	44.54	50.11	55.68
Max working pressure (bar)		25												
Min / Max temperature (°C)		-196/+225												
PED Class Group 2 (Category)		II						III						
Plate packet depth L(mm)*	H	134.0	163.0	192.0	221.0	250.0	279.0	308.0	337.0	366.0	424.0	482.0	540.0	598.0
Net Weight Empty (kg)		77	86	95	104	113	122	131	140	149	167	185	203	221
Heat Transfer Area (m <sup>2</sup> )		9.6	12.0	14.4	16.8	19.2	21.6	24.0	26.4	28.8	33.6	38.4	43.2	48.0

\* Calculated values (final tolerance to ISO 2768-m)

**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)

©2022 Errors, Omissions and Technical Alterations excepted  
 Connections : 1.4301 (304) / Plates : 1.4404 (316L) / Braze : Cu 99.9%

**UNEX** HEAT EXCHANGERS

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Rev01	Dept L	23.08.2022	EKL	22.08.2022	RBK
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