



Amount of plates	Type	50	60	70	80	90	100	110	120	140	160	180	200	220	240
Volume Primary side (l)*	L	29.28	35.38	41.48	47.58	53.68	59.78	65.88	71.98	84.18	96.38	108.58	120.78	132.98	145.18
	M														
	H														
Volume Secondary side (l)*	L	30.50	36.60	42.70	48.80	54.90	61.00	67.10	73.20	85.40	97.60	109.80	122.00	134.20	146.40
	M														
	H														
Max working pressure (bar)		25													
Min / Max temperature (°C)		-10/+185													
PED Class Group 2 (Category)		Cat.II							Cat.III						
Plate packet depth L(mm)*	L	221.0	260.0	299.0	338.0	377.0	416.0	455.0	494.0	572.0	650.0	728.0	806.0	884.0	962.0
	M	166.0	194.0	222.0	250.0	278.0	306.0	334.0	362.0	418.0	474.0	530.0	586.0	642.0	698.0
	H	166.0	194.0	222.0	250.0	278.0	306.0	334.0	362.0	418.0	474.0	530.0	586.0	642.0	698.0
Net Weight Empty (kg)		140.5	154.0	167.5	181.0	194.5	208.0	221.5	235.0	262.0	289.0	316.0	343.0	370.0	397.0
Heat Transfer Area (m <sup>2</sup> )		16.80	20.30	23.80	27.30	30.80	34.30	37.80	41.30	48.30	55.30	62.30	69.30	76.30	83.30

\* 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)
- 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.

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Sizes in mm unless otherwise shown

Connections : 1.4301 (304) / Plates : 1.4404 (316L) / Braze : Cu 99.9%

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Rev01	Dept L	23.08.2022	EKL	22.08.2022	RBK
Status	Change	Date	Name	23.08.2022	EKL

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