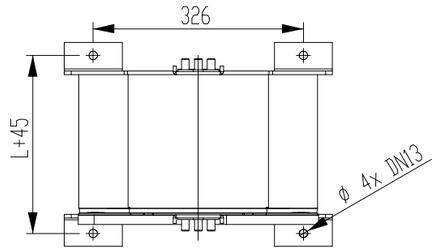

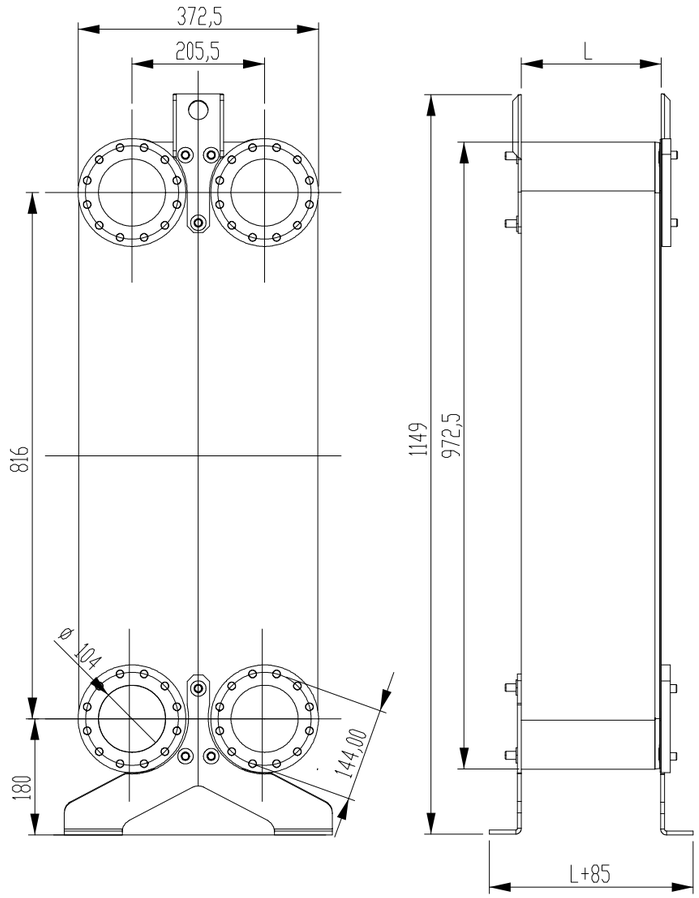

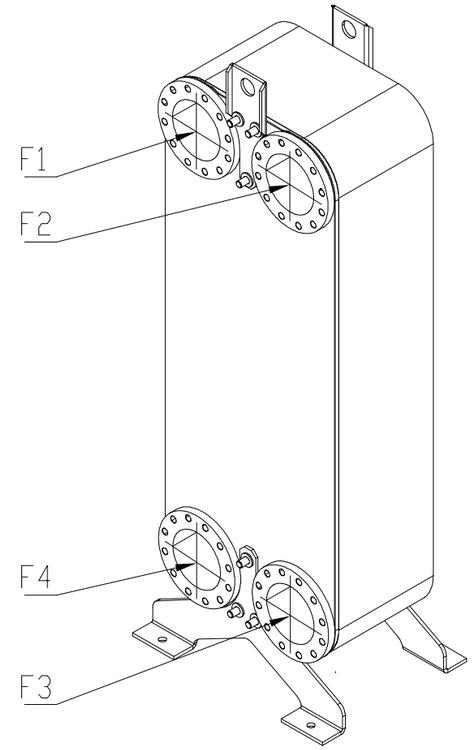

Amount of plates	Type	50	60	70	80	90	100	110	120	140	160	180	200	220	240	260	280	300
Volume Primary side (l)*	L	14.16	17.11	20.06	23.01	25.96	28.91	31.86	34.81	40.71	46.61	52.51	58.41	64.31	70.21	76.11	82.01	87.91
Volume Secondary side (l)*	L	14.75	17.70	20.65	23.60	26.55	29.50	32.45	35.40	41.30	47.20	53.10	59.00	64.90	70.80	76.70	82.60	88.50
Max working pressure (bar)		25																
Min / Max temperature (°C)		-10/+180																
PED Class Group 2 (Category)		Cat.II								Cat.III								
Plate packet depth L(mm)*	L	114.5	135.0	155.5	176.0	196.5	217.0	237.5	258.0	299.0	340.0	381.0	422.0	463.0	504.0	545.0	586.0	627.0
Net Weight Empty (kg)		82.1	93.0	103.9	114.8	125.7	136.6	147.5	158.4	180.2	202.0	223.8	245.6	267.4	289.2	311.0	332.8	354.6
Heat Transfer Area (m²)		15.17	18.33	21.49	24.65	27.81	30.97	34.13	37.29	43.61	49.93	56.25	62.57	68.89	75.21	81.53	87.85	94.17

* 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

Sizes in mm unless otherwise shown

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

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					Date	Name
				Drawn by	18.10.2022	EKL
Rev01	Depht L	18.10.2022	EKL	Checked by		
Status	Change	Date	Name			

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