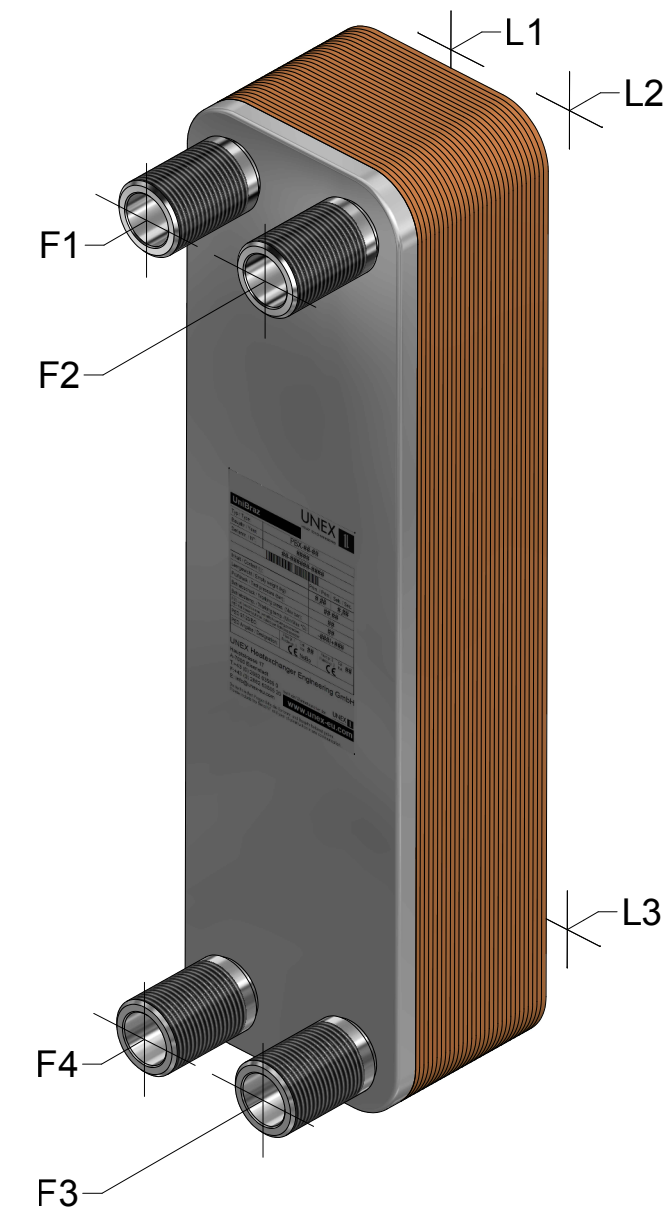
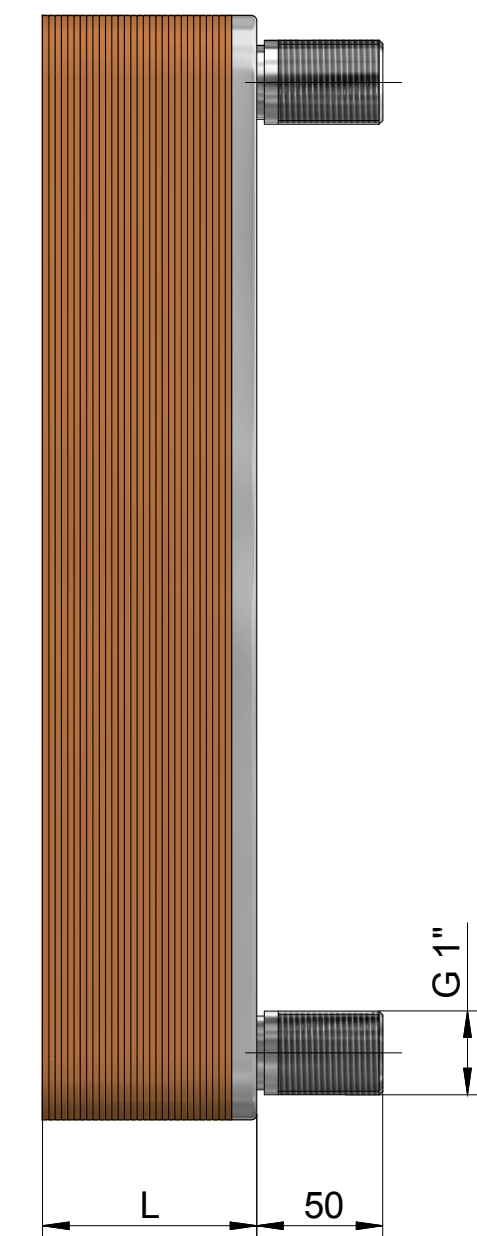


Side 1 Side 2



Exchanger connection options	
<b>Standard</b>	G 1" - 50mm long
<b>Alternative</b>	On request
<b>Other</b>	On request
<b>Additional</b>	On rear positions L1 to L4
<b>Studs &amp; Bolts</b>	On request

Insulation options	Example picture
<b>Aluminium coated PU foam</b> Heating applications to +150°C (Peak)	
<b>Self-adhesive rubberised</b> Cooling applications -50 to +105°C	

Mounting options	Example picture
<b>Angled Wall Bracket</b> "L" bracket including strap & screws	

Detachable pipe connection options	Example picture
<b>VER 20</b> From G1" to DN20 weld (2 pcs/set)	
<b>VER 22</b> From G1" to 22 mm solder (2 pcs/set)	
<b>VER 3/4</b> From G1" to 3/4" thread (2 pcs/set)	
<b>VEROR1</b> From G1" to 1" thread - reduction-free (2 pcs/set)	

Amount of plates	10	14	20	24	30	34	40	44	50	60	70	80	90	100
Volume Side 1 (l)*	0.30	0.45	0.68	0.83	1.05	1.20	1.43	1.58	1.80	2.18	2.55	2.93	3.30	3.68
Volume Side 2 (l)*	0.38	0.53	0.75	0.90	1.13	1.28	1.50	1.65	1.88	2.25	2.63	3.00	3.38	3.75
Max working pressure (bar)	25													
Min / Max temperature (°C)	-10 / +180													
PED Class Group 1 (Category)	SEP			I				II						
PED Class Group 2 (Category)	SEP						Cat.I							
Plate packet depth L(mm)*	33.0	43.4	59.0	69.4	85.0	95.4	111.0	121.4	137.0	163.0	189.0	215.0	241.0	267.0
Net Weight Empty (kg)	3.8	4.5	5.6	6.3	7.4	8.1	9.2	9.9	11.0	12.8	14.6	16.4	18.2	20.0
Heat Transfer Area (m²)	0.38	0.57	0.85	1.04	1.32	1.51	1.79	1.98	2.26	2.73	3.20	3.67	4.14	4.62

**Where appropriate the following European standards and regulations were used during design and construction:**

97/23/EC (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)

	UNEX Heatexchanger Engineering GmbH Hauptstrasse 17 A-7000 Eisenstadt Austria		www.unex-eu.com info@unex-eu.com Tel: + 43 (0) 2682 635 85 0 Fax: + 43 (0) 2682 635 85 20		<b>Scale</b> <b>M 1:3 (A3)</b>
	©2015 Errors, Omissions and Technical Alterations excepted		Sizes in mm unless otherwise shown		

* Calculated values (final tolerance to ISO 2768-m)				Date		Name	
				Drawn by	10.07.2015	AWU	
				Checked by	14.07.2015	DRO	
Status	Change	Date	Name				

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