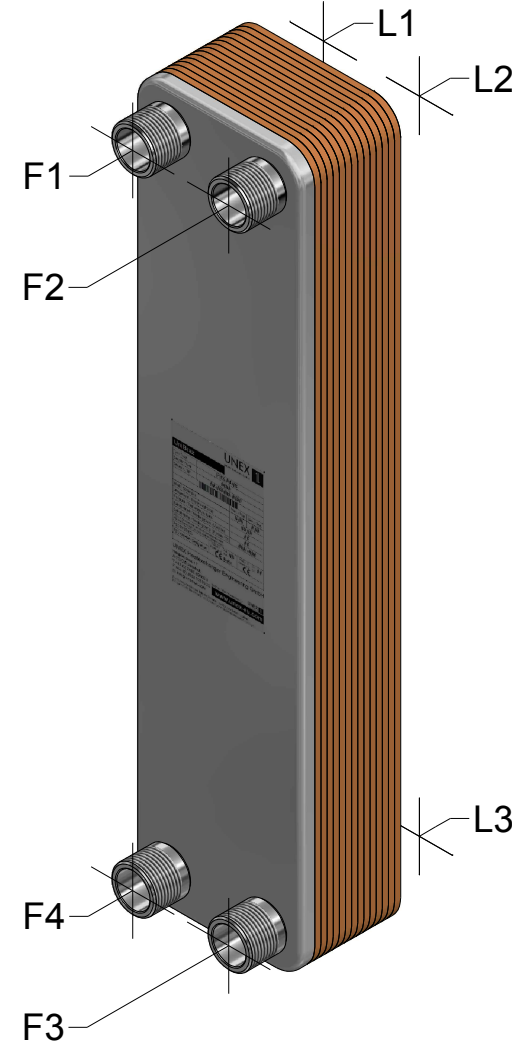
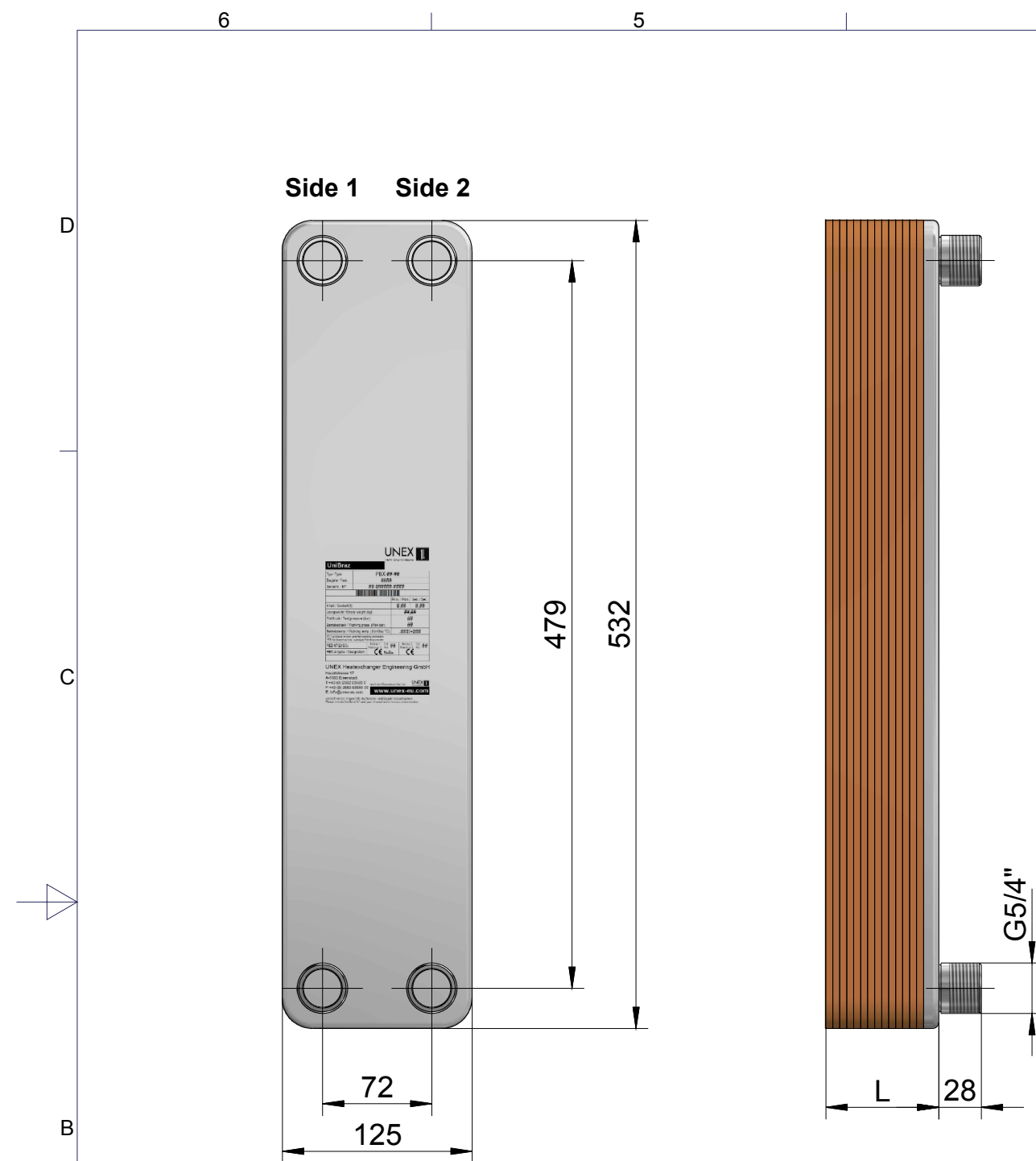




Exchanger connection options	
Standard	G 1" - 28mm long
Alternative	G 5/4", HEX, Solder
Other	On request
Additional	On rear positions L1 to L4
Studs & Bolts	On request

Insulation options	Example picture
Aluminium coated PU foam Heating applications to +150°C (Peak)	
Self-adhesive rubberised Cooling applications -50 to +105°C	
Easy-fit shell Heating applications to +135°C	
PROTEX pre-insulated Heating & cooling applications -50 to +150°C (Peak)	

Mounting options	Example picture
Wall Connection Set Simple, compact & professional mount using the exchanger connections	
Angled Wall Bracket "L" bracket including strap & screws	

Detachable pipe connection options	Example picture
VER 20 From G1" to DN20 weld (2 pcs/set)	
VER 22 From G1" to 22 mm solder (2 pcs/set)	
VER 3/4 From G1" to 3/4" thread (2 pcs/set)	
VEROR1 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	110	120	130	140	150			
	Volume Side 1 (l)*	0.44	0.66	0.99	1.21	1.54	1.76	2.09	2.31	2.64	3.19	3.74	4.29	4.84	5.39	5.94	6.49	7.04	7.59	8.14			
	Volume Side 2 (l)*	0.55	0.77	1.10	1.32	1.65	1.87	2.20	2.42	2.75	3.30	3.85	4.40	4.95	5.50	6.05	6.60	7.15	7.70	8.25			
	Max working pressure (bar)	30																24					
	Min / Max temperature (°C)	-195 / +195																					
	PED Class Group 1 (Category)																						
	PED Class Group 2 (Category)	SEP					I																
A	Plate packet depth L(mm)*	32.0	41.2	55.0	64.2	78.0	87.2	101.0	110.2	124.0	147.0	170.0	193.0	216.0	239.0	262.0	285.0	308.0	331.0	354.0			
	Net Weight Empty (kg)	4.62	5.37	6.49	7.24	8.36	9.11	10.23	10.98	12.10	13.97	15.84	17.71	19.58	21.45	23.32	25.19	27.06	28.93	30.80			
	Heat Transfer Area (m²)	0.52	0.78	1.17	1.43	1.82	2.08	2.47	2.73	3.12	3.77	4.42	5.07	5.72	6.37	7.02	7.67	8.32	8.97	9.62			

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

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 13445 (Unfired Pressure Vessels)
EN 10272 (Stainless steel bars used for pressure purposes)	ISO 2768-m (General tolerances class "m")
EN 10028-7 (Stainless steel flat products used for pressure purposes)	ISO 228-1 ("G" Thread BSP parallel)
Please ask your sales partner if you require other standards or certification to be applied.	

©2014 Errors, Omissions and Technical Alterations excepted	Sizes in mm unless otherwise shown
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Connections : 1.4301 (304) / Plates : 1.4404 (316L) / Braze : Cu 99.9%	
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UNEX HEAT EXCHANGERS 1				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				Scale M 1:4 (A3)	
					Date	Name	PBU20_STD_14_Rev00						
					Drawn by	12.08.2014							AWU
					Checked by	09.10.2014							DRO
Status	Change		Date	Name									