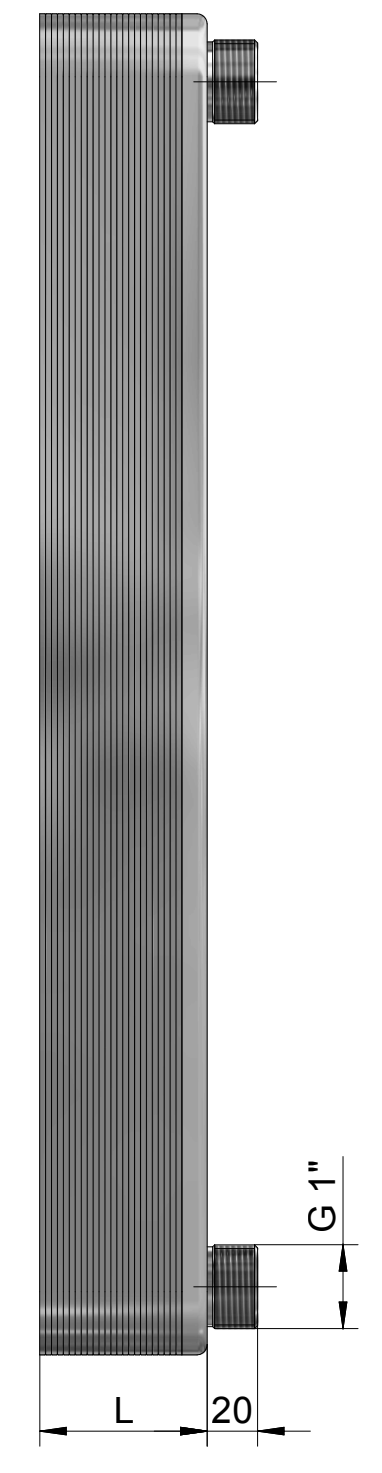
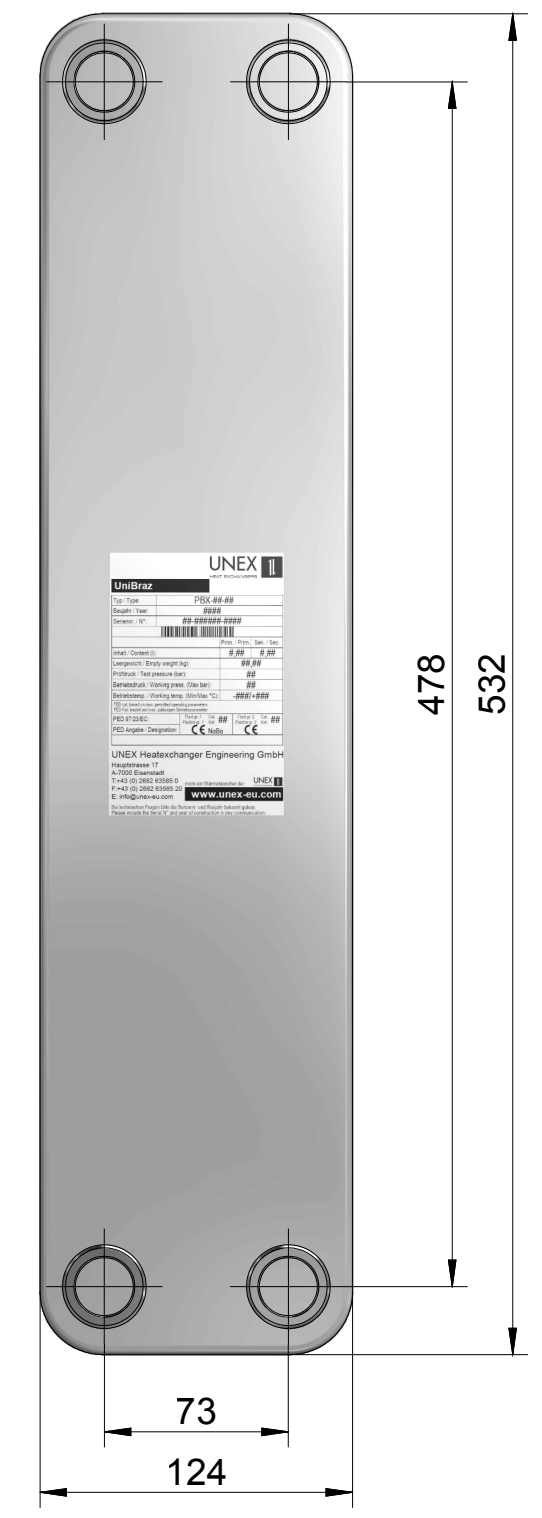


Side 1 Side 2



Exchanger connection options	
Standard	G 1" - 20mm long
Alternative	G 5/4", 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	

Mounting options	Example picture
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)*	0.40	0.60	0.90	1.10	1.40	1.60	1.90	2.10	2.40	2.90	3.40	3.90	4.40	4.90	5.40	5.90	6.40	6.90	7.40	
Volume Side 2 (l)*	0.50	0.70	1.00	1.20	1.50	1.70	2.00	2.20	2.50	3.00	3.50	4.00	4.50	5.00	5.50	6.00	6.50	7.00	7.50	
Max working pressure (bar)	25																			
Min / Max temperature (°C)	-196 / +200																			
PED Class Group 1 (Category)	SEP					Cat.I					Cat.II									
PED Class Group 2 (Category)	SEP										Cat.I									
Plate packet depth L(mm)*	36.1	45.0	58.4	67.3	80.7	89.6	103.0	111.9	125.3	147.6	169.9	192.2	214.5	236.8	259.1	281.4	303.7	326.0	348.3	
Net Weight Empty (kg)	4.4	5.4	6.8	7.8	9.2	10.2	11.6	12.6	14.0	16.4	18.8	21.2	23.6	26.0	28.4	30.8	33.2	35.6	38.0	
Heat Transfer Area (m²)	0.48	0.72	1.08	1.32	1.68	1.92	2.28	2.52	2.88	3.48	4.08	4.68	5.28	5.88	6.48	7.08	7.68	8.28	8.88	

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)
 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.

©2015 Errors, Omissions and Technical Alterations excepted

Sizes in mm unless otherwise shown

Connections : 1.4301 (304) / Plates : 1.4404 (316L) / Braze : Pure Inox Technology

Cu & Ni versions also available

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 1:3 (A3)

Status	Change	Date	Name

PBPG20_STD_15_Rev00