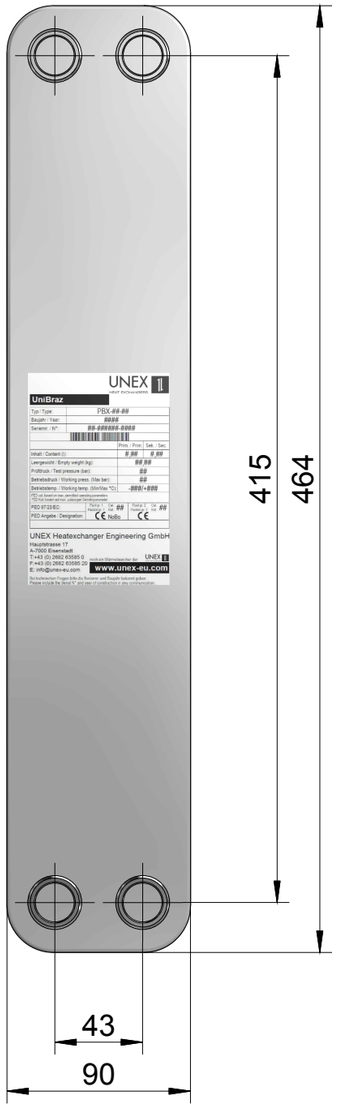
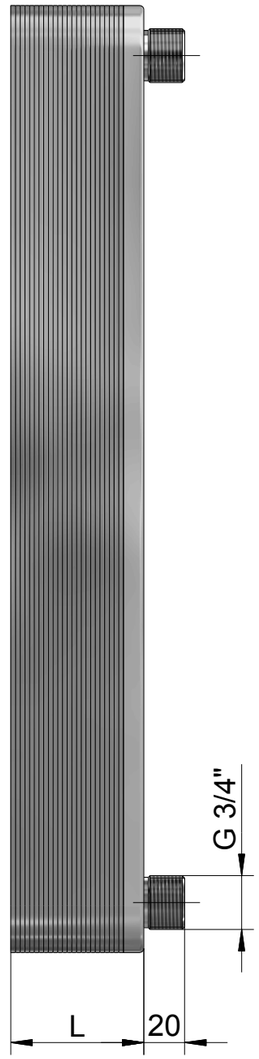
Side 1 Side 2





Exchanger connection options	
Standard	G 3/4" - 20mm long
Alternative	G 1/2", 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-adhevise 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
VER15 From G3/4" to DN15 weld (2 pcs/set)	
VER18 From G3/4" to 18mm solder (2 pcs/set)	
VER1/2 From G3/4" to 1/2" thread (2 pcs/set)	

Amount of plates	10	14	20	24	30	34	40	44	50	60	70	80
Volume Side 1 (l)*	0.28	0.42	0.63	0.77	0.98	1.12	1.33	1.47	1.68	2.03	2.38	2.73
Volume Side 2 (l)*	0.35	0.49	0.70	0.84	1.05	1.19	1.40	1.54	1.75	2.10	2.45	2.80
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)*	34.2	43.0	56.2	65.0	78.2	87.0	100.2	109.0	122.2	144.2	166.2	188.2
Net Weight Empty (kg)	3.40	4.00	4.80	5.40	6.20	6.80	7.60	8.20	9.00	10.4	11.8	13.2
Heat Transfer Area (m²)	0.35	0.53	0.79	0.97	1.23	1.41	1.67	1.85	2.11	2.55	2.99	3.43

* 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 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)

©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 HEAT EXCHANGERS
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		Date	Name
				Drawn by	21.06.2015	AWU
				Checked by	26.06.2015	DRO

PBPG14_STD_15_Rev00