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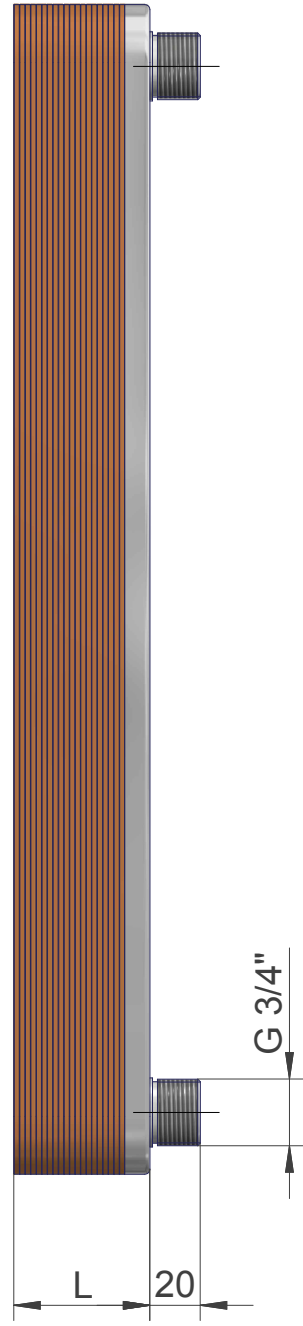
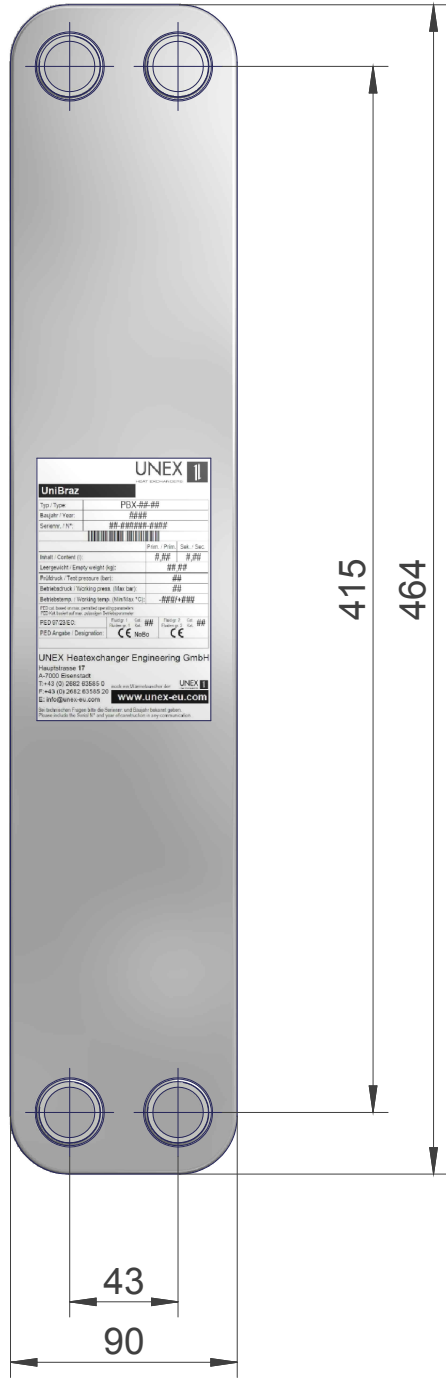
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Side 1 Side 2



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-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
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
Volume Side 1 (l)*	0.28	0.42	0.63	0.77	0.98	1.12	1.33	1.47	1.68
Volume Side 2 (l)*	0.35	0.49	0.70	0.84	1.05	1.19	1.40	1.54	1.75
Max working pressure (bar)	30								
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)*	32.0	40.8	54.0	62.8	76.0	84.8	98.0	106.8	120.0
Net Weight Empty (kg)	3.40	4.00	4.80	5.40	6.20	6.80	7.60	8.20	9.00
Heat Transfer Area (m²)	0.35	0.53	0.79	0.97	1.23	1.41	1.67	1.85	2.11

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
 Connections : 1.4301 (304) / Plates : 1.4404 (316L) / Braze : Cu 99.9%
 Sizes in mm unless otherwise shown
 Cu - Free version also available

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	Date Name Drawn by 24.04.2015 AWU Checked by 27.04.2015 DRO		

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

Status	Change	Date	Name

PB14_STD_15_Rev00

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