



Exchanger connection options	
Standard	G 2" - 50mm long
Alternative	G 2 1/2"
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	

Detachable pipe connection options	Example picture
VER40 From G2" to DN40 weld (2 pcs/set)	
VER1 1/2 From G2" to 1 1/2" thread (2 pcs/set)	

Amount of plates	30	36	40	50	60	70	80	90	100	110	120	140	160	180	200
Volume Side 1 (l)*	2.2	2.7	3.0	3.8	4.6	5.4	6.2	7.0	7.8	8.6	9.4	11.0	12.6	14.2	15.8
Volume Side 2 (l)*	2.4	2.8	3.2	4.0	4.8	5.6	6.4	7.2	8.0	8.8	9.6	11.2	12.8	14.4	16.0
Max working pressure (bar)	25														
Min / Max temperature (°C)	-10 / +180														
PED Class Group 2 (Category)	I							II							
Plate packet depth L(mm)*	63.5	74.0	81.0	98.5	116.0	133.0	151.0	168.5	186.0	203.5	221.0	256.0	291.0	326.0	361.0
Net Weight Empty (kg)	13.4	15.1	16.3	19.2	22.1	25.0	27.9	30.8	33.7	36.6	39.5	45.3	51.1	56.9	62.7
Heat Transfer Area (m²)	2.8	3.4	3.8	4.8	5.8	6.8	7.8	8.8	9.8	10.8	11.8	13.8	15.8	17.8	19.8

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

97/23/EC (Pressure Equipment Directive) EN 13445 (Unfired Pressure Vessels)
 EN 1148 (Water to water heat exchangers for district heating) ISO 2768-m (General tolerances class "m")
 EN 10272 (Stainless steel bars used for pressure purposes) ISO 228-1 ("G" Thread BSP parallel)
 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.

©2014 Errors, Omissions and Technical Alterations excepted Size in mm
 Material : 1.4301 (304) / 1.4404 (316L) / Cu 99.9%

	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 1:5 (A3)
	Date Name Drawn by 12.08.2014 MPI Checked by 09.10.2014 DRO		

Status	Change	Date	Name

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