



Exchanger connection options	
<b>Standard</b>	G 2" - 52mm long
<b>Alternative</b>	G 2 1/2"
<b>Other</b>	On request
<b>Additional</b>	On rear positions L1 to L4
<b>Studs &amp; Bolts</b>	On request

Insulation options	Example picture
<b>Aluminium coated PU foam</b> Heating applications to +150°C (Peak)	
<b>Self-adhesive rubberised</b> Cooling applications -50 to +105°C	

Detachable pipe connection options	Example picture
<b>VER40</b> From G2" to DN40 weld (2 pcs/set)	
<b>VER1 1/2</b> 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)*	2.24	2.72	3.04	3.84	4.64	5.44	6.24	7.04	7.84	8.64	9.44	11.04	12.64	14.24	15.84
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 1 (Category)	II							III							
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 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

Connections : 1.4301 (304) / Plates : 1.4404 (316L) / Braze : Cu 99.9%

Sizes in mm unless otherwise shown

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)**

Status	Change	Date	Name
		10.07.2015	AWU
		14.07.2015	DRO

PB34M\_STD\_15\_Rev00

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