



| Exchanger connection options | |
|------------------------------|----------------------------|
| Standard | G 2 1/2" - 65mm long |
| Alternative | G 2" ,DN65,DN80 (Compac) |
| 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 |
|--|--|-----------------|
| Foot Console Robust floor stand to support the weight of the exchanger | | |

| Detachable pipe connection options | | Example picture |
|--|--|-----------------|
| VER50 From G 2 1/2" to DN50 weld (2 pcs/set) | | |
| VER2 From G2 1/2" to 2" thread (2 pcs/set) | | |
| Compac Flange Stainless steel counter-flange (1 pcs) | | |
| Compac Flange mild steel counter-flange (1 pcs) | | |

| Amount of plates | 20 | 24 | 30 | 34 | 40 | 44 | 50 | 60 | 70 | 80 | 90 | 100 | 120 | 150 | 200 | 250 |
|------------------------------|-------------|------|------|------|-------|-------|-------|-------|----------|-------|-------|-------|-------|-------|-------|-------|
| Volume Side 1 (l)* | 1.99 | 2.43 | 3.09 | 3.54 | 4.20 | 4.64 | 5.30 | 6.41 | 7.51 | 8.62 | 9.72 | 10.83 | 13.04 | 16.35 | 21.88 | 27.40 |
| Volume Side 2 (l)* | 2.21 | 2.65 | 3.32 | 3.76 | 4.42 | 4.86 | 5.53 | 6.63 | 7.74 | 8.84 | 9.95 | 11.05 | 13.26 | 16.58 | 22.10 | 27.63 |
| Max working pressure (bar) | 30 | | | | | | | | | | | | | | | |
| Min / Max temperature (°C) | -196 / +200 | | | | | | | | | | | | | | | |
| PED Class Group 1 (Category) | Cat. II | | | | | | | | Cat. III | | | | | | | |
| PED Class Group 2 (Category) | Cat. I | | | | | | | | Cat. II | | | | | | | |
| Plate packet depth L (mm)* | 58.3 | 67.7 | 81.7 | 91.1 | 105.1 | 114.5 | 128.5 | 151.9 | 175.3 | 198.7 | 222.1 | 245.5 | 292.3 | 362.5 | 479.5 | 596.5 |
| Net Weight Empty (kg) | 20.8 | 23.0 | 26.2 | 28.4 | 31.6 | 33.8 | 37.0 | 42.4 | 47.8 | 53.2 | 58.6 | 64.0 | 74.8 | 91.0 | 118.0 | 145.0 |
| Heat Transfer Area (m²) | 2.34 | 2.86 | 3.64 | 4.16 | 4.94 | 5.46 | 6.24 | 7.54 | 8.84 | 10.14 | 11.44 | 12.74 | 15.34 | 19.24 | 25.74 | 32.24 |

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)

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 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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|---|----------------------------|------|------|------|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
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|--|--|-----------------------------------|--|--|---------------------------------------|
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| | Date 02.04.2015 Name AWU | Date 07.04.2015 Name DRO | | | |

| | | | | | | | | | | | | | | | |
|---|--|--|--|--------|--|--------|--|------|--|------|--|------|--|------|--|
| * Calculated values (final tolerance to ISO 2768-m) | | | | Status | | Change | | Date | | Name | | Date | | Name | |
| | | | | | | | | | | | | | | | |

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