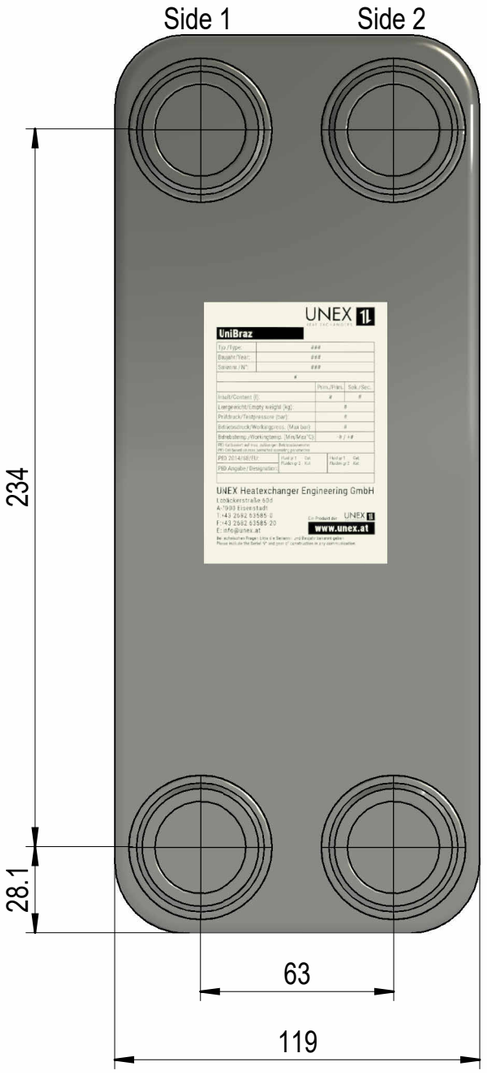
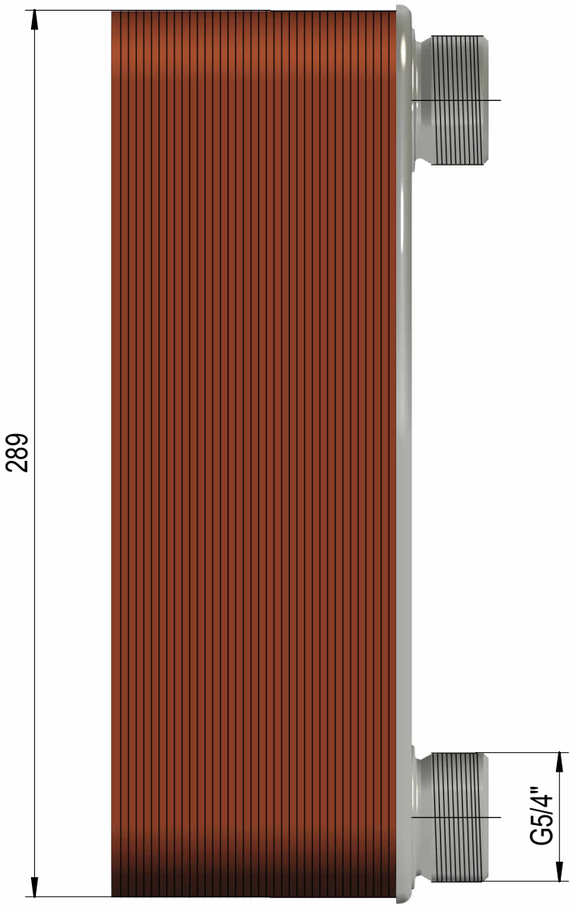
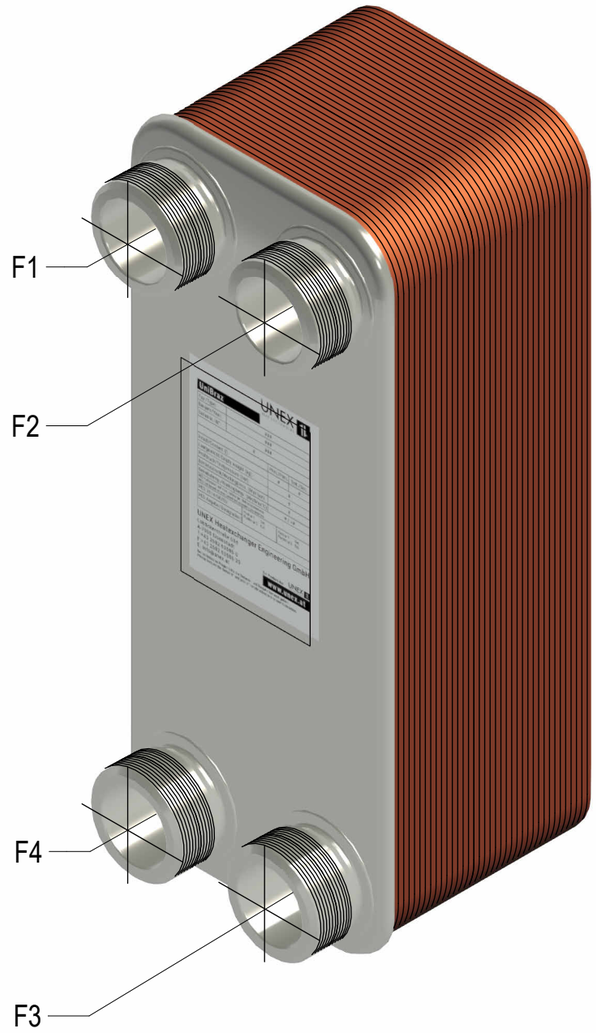



| Amount of plates *** | 10 | 16 | 20 | 26 | 30 | 36 | 40 | 50 | 60 | 70 | 80 | 90 | 100 | 110 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Volume Side 1 (l) * | 0,18 | 0,32 | 0,41 | 0,54 | 0,63 | 0,77 | 0,86 | 1,08 | 1,31 | 1,53 | 1,76 | 1,98 | 2,21 | 2,43 |
| Volume Side 2 (l) * | 0,23 | 0,36 | 0,45 | 0,59 | 0,68 | 0,81 | 0,90 | 1,13 | 1,35 | 1,58 | 1,80 | 2,03 | 2,25 | 2,48 |
| Max working pressure (bar) | 25 | | | | | | | | | | | | | |
| Min / Max temperature (°C) | -196 / +180 | | | | | | | | | | | | | |
| PED Class Group 1 (Category) ** | SEP | | | | | | | I | | | | II | | |
| PED Class Group 2 (Category) ** | SEP | | | | | | | | | | | | | |
| Plate packet depth L(mm) * | 27,00 | 38,00 | 45,00 | 55,50 | 62,50 | 73,00 | 80,00 | 97,50 | 115,00 | 132,50 | 150,00 | 167,50 | 185,00 | 202,50 |
| Net Weight Empty (kg) | 2,29 | 2,75 | 3,05 | 3,51 | 3,81 | 4,27 | 4,57 | 5,33 | 6,09 | 6,85 | 7,61 | 8,37 | 9,13 | 9,89 |
| Heat Transfer Area (m²) | 0,22 | 0,39 | 0,50 | 0,67 | 0,78 | 0,95 | 1,06 | 1,34 | 1,62 | 1,90 | 2,18 | 2,46 | 2,73 | 3,01 |

* Calculated values (final tolerance to ISO 2768-m)
** PED Category IV (Available as special order or III with reduced max working pressure - please contact the sales team)
*** intermediate sizes on request

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

PED 2014/68/EU (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)

©2025 Errors, Omissions and Technical Alterations excepted

Sizes in mm unless otherwise shown

Connections : 1.4301 (304) / Plates : 1.4404 (316L)

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| Status | Change | Date | Name | | Date | Name |
|---|---|---|---|---|---|---|
| | | | | Drawn by | 25.03.2025 | HET |
| | | | | Checked by | | |
| | | | | Updated by | | |

# UniBraz PBF10L