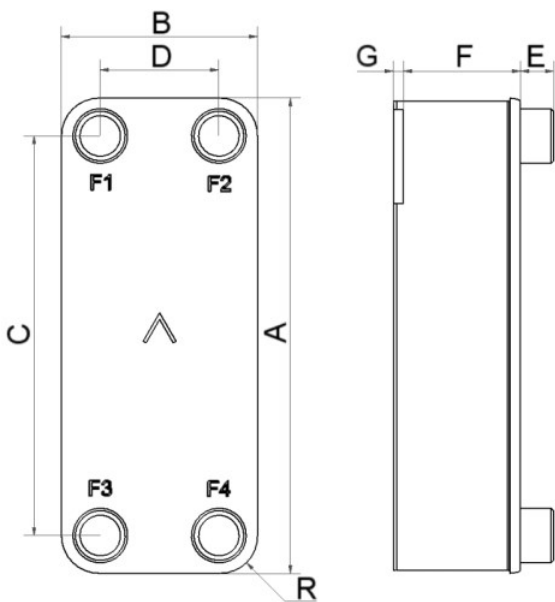


# SWEP B4T

The demand for natural refrigerants such as CO2 is also expanding in small capacities. With pressure requirements for transcritical CO2 applications touching 140 bar, the B4TU is the natural choice. The B4TU is optimized for small heat load capacities (up to 30 kW as a gas cooler). Its compactness and lightness make it suitable for cold-chain applications (condenser in water loop, economizer and condenser in condensing units, heat recovery) and heat pumps (evaporators, gas coolers, SGHE).



|                                |   |
|--------------------------------|---|
| Maximum number of plates (NoP) | 140   |
| Max flow                       | 12 m³/h (52.83 gpm)                               |
| Channel volume                 | 93/93 dm³ (3.2843/3.2843 ft³)                     |
| Material                       | 304 Stainless Steel Plates, Copper Brazing        |
| Weight excl. connections       | 8210.00+(400*NoP) kg<br>18099.77+(881.840*NoP) lb |
| Max Particle Size (mm)         | 0.4   |



| #   | MM              | IN               |
|-----|-----------------|------------------|
| A   | 194.50          | 7.66             |
| B   | 76.90           | 3.03             |
| C   | 154             | 6.06             |
| D   | 40              | 1.57             |
| F   | 8.00+1.06*(NoP) | 0.31+0.04 *(NoP) |
| G   | 4               | 0.16             |
| R   | 18              | 0.71             |
| E_1 | 20              | 0.79             |

