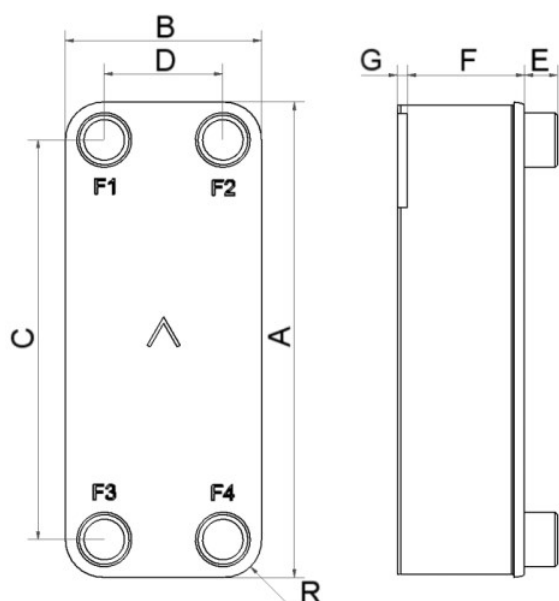


# SWEP B85S - All Stainless

SWEP All-Stainless™ products are developed for systems demanding 100% stainless steel components, and for high temperature applications. They can be used with fluids that are corrosive to copper such as ammonia and biogas or for sensitive applications where copper and nickel contamination must be avoided such as oil, DI water and pharmaceutical applications. SWEP's unique process technology enables a compact product with minimal material usage relative to its mechanical strength. The B85S is a highly efficient heat exchanger with a higher thermal performance than any comparable product. The B85S is the perfect choice for high-performance condensers and other applications with demanding heat transfer requirements. The large ports enable it to cope with high capacities. A smaller pressing depth, compared with previous generations, makes the B85S more compact with a higher performance.



|                                |   |
|--------------------------------|---|
| Maximum number of plates (NoP) | 160   |
| Max flow                       | 17 m³/h (74.85 gpm)                                 |
| Channel volume                 | 0.094/0.094 dm³ (0.0033/0.0033 ft³)                 |
| Material                       | 316 Stainless Steel Plates, Stainless Steel Brazing |
| Weight excl. connections       | 2.18+(0.201*NoP) kg                                 |
|                                | 4.80+(0.443*NoP) lb                                 |
| Max Particle Size (mm)         | 0.8   |



| #   | MM              | IN               |
|-----|-----------------|------------------|
| A   | 526             | 20.71            |
| B   | 119             | 4.69             |
| C   | 470             | 18.5             |
| D   | 63              | 2.48             |
| F   | 4,00+1,99*(NoP) | 0.16+0.08 *(NoP) |
| G   | 6               | 0.24             |
| R   | 23              | 0.91             |
| E_1 | 27              | 1.06             |
| E_2 | 45              | 1.77             |
| E_3 | 20              | 0.79             |



Threaded Connection    Victaulic Connection

