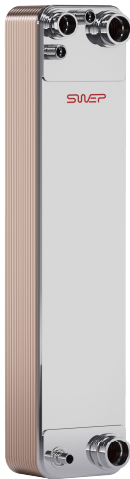


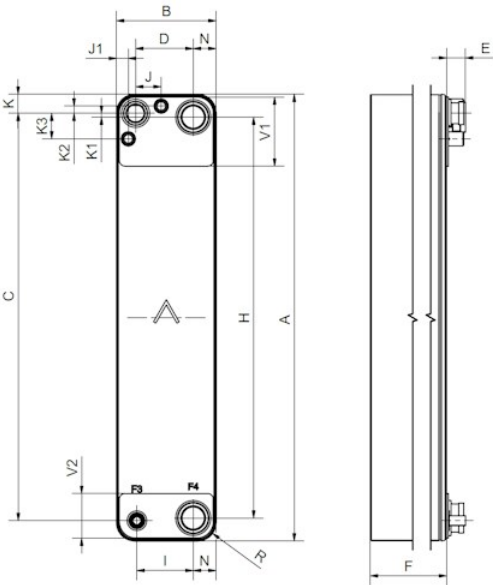


# SWEP FITW85AS

The SWEP FITW85AS is designed for heat pumps and chillers from 5 to 80 kW and is optimized for R290 (Propane). The FITW85AS is equipped with SWEP Hypertwain® ancillary port technology for use in reversible systems requiring high performance in both heating and cooling operation. This offers the highest efficiency at full and part load conditions in co-current and counter-current flow. Hypertwain® also offers improved freezing resistance and improved refrigerant distribution. SWEP AsyMatrix™ plate design delivers optimal heat transfer efficiency at low water pressure drop, and keeps refrigerant charge at a minimum.



|                                |   |
|--------------------------------|---|
| Maximum number of plates (NoP) | 160   |
| Max flow                       | 17 m³/h (74.85 gpm)   |
| Channel volume                 | 0.0827/0.0911 dm³ (0.0029/0.0032 ft³)   |
| Material                       | 316 Stainless Steel Plates, Cover Plates in 304 Stainless Steel, Copper Brazing |
| Weight excl. connections       | 1.47+(0.133*NoP) kg<br>3.25+(0.293*NoP) lb                                      |
| Max Particle Size (mm)         | 0.8   |



| #   | MM              | IN               |
|-----|-----------------|------------------|
| A   | 524             | 20.63            |
| B   | 117             | 4.61             |
| C   | 477.50          | 18.8             |
| D   | 67.50           | 2.66             |
| F   | 6,00+1,84*(NoP) | 0.24+0.07 *(NoP) |
| G   | 3               | 0.12             |
| H   | 470             | 18.5             |
| I   | 66              | 2.6              |
| J   | 36              | 1.42             |
| K   | 22.30           | 0.88             |
| N   | 26.80           | 1.06             |
| R   | 22              | 0.87             |
| E_1 | 20              | 0.79             |
| E_2 | 27              | 1.06             |
| J_1 | 8.50            | 0.33             |
| K_1 | 4.50            | 0.18             |
| K_2 | 8.50            | 0.33             |
| K_3 | 30              | 1.18             |

