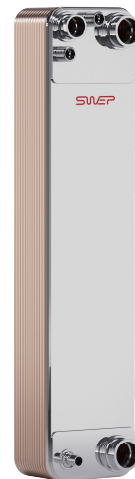
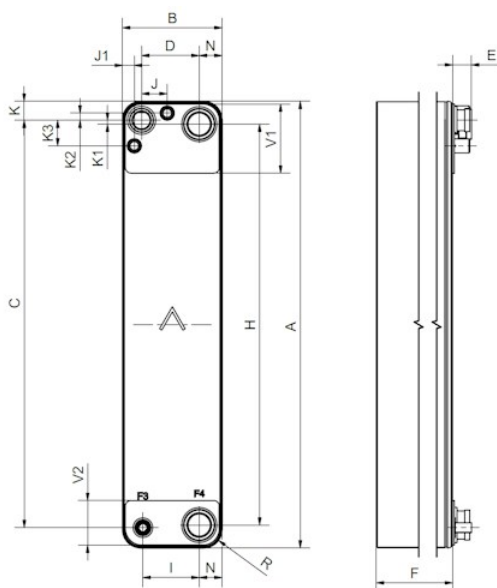


SWEP PITW85AS

The SWEP PITW85AS is designed for heat pumps and chillers from 5 to 80 kW and is optimized for R290 (Propane) and high-pressure refrigerants, e.g., R32 and R454B. The PITW85AS is equipped with SWEP Hypertwain® ancillary port technology for use in reversible systems requiring high performance in both heating and cooling operation. This offers 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. And 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 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 |

