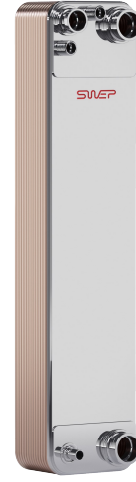
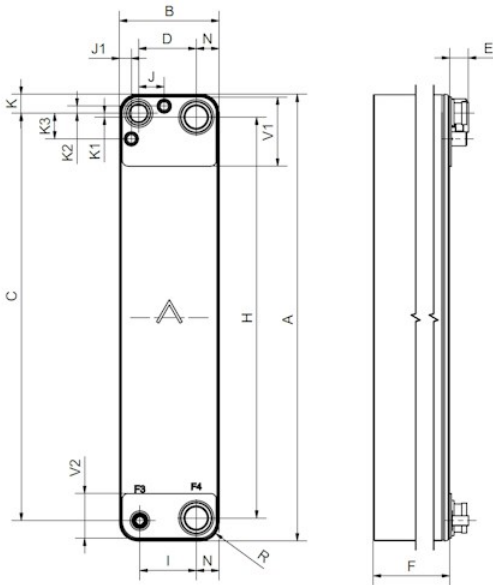


# SWEP PITW85AS

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.



<b>Maximum number of plates (NoP)</b>	160
<b>Max flow</b>	17 m <sup>3</sup> /h (74.85 gpm)
<b>Channel volume</b>	0.0827/0.0911 dm <sup>3</sup> (0.0029/0.0032 ft <sup>3</sup> )
<b>Material</b>	316 Stainless Steel Plates, Cover Plates in 304 Stainless Steel, Copper Brazing
<b>Weight excl. connections</b>	1.47+(0.133*NoP) kg 3.25+(0.293*NoP) lb
<b>Max Particle Size (mm)</b>	0.8



#	MM	IN
A	524	20.63
B	117	4.61
C	477.50	18.8
D	67.50	2.66
F	0,00+0,00*(NoP)	0+0 *(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

