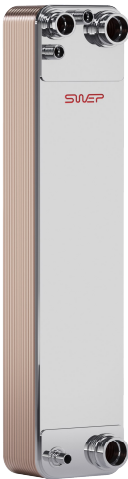


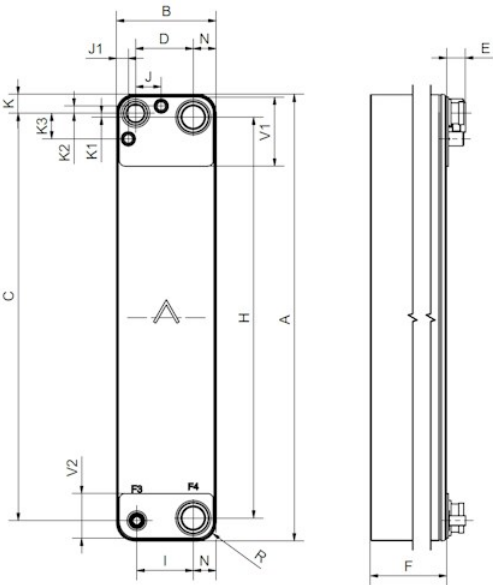


# SWEP PITW85AS

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	477.5	18.8
D	67.5	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	22.3	0.88
N	26.8	1.06
R	22	0.87
E_1	20	0.79
E_2	27	1.06
J_1	8.5	0.33
K_1	4.5	0.18
K_2	8.5	0.33
K_3	30	1.18

