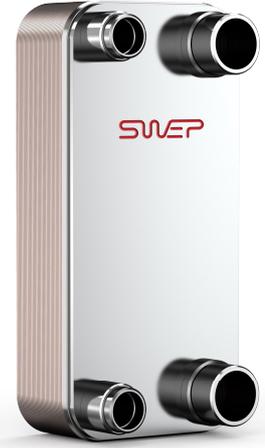
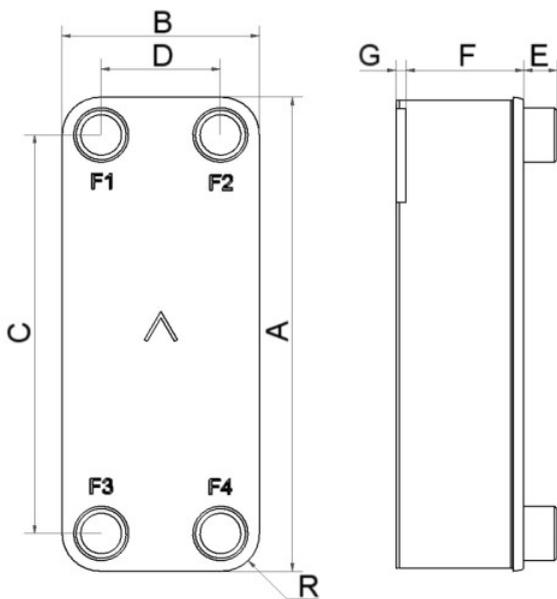


# SWEP B185

The demand for natural refrigerants such as CO2 is increasing. With pressure requirements for transcritical CO2 applications touching 140 bar, the B185 is the natural choice. The B185 is optimized for high heat load capacities (up to 350 kW as a gas cooler). The compact yet lightweight B185 is suitable for cold-chain applications (hypermarkets, supermarkets, heat recovery) and heat pumps (evaporators, gas coolers).



<b>Maximum number of plates (NoP)</b>	230
<b>Max flow</b>	38.8 m <sup>3</sup> /h (170.83 gpm)
<b>Channel volume</b>	0.1106/0.1169 dm <sup>3</sup> (0.0039/0.0041 ft <sup>3</sup> )
<b>Material</b>	316/316L stainless steel plates, copper brazing
<b>Weight excl. connections</b>	11.33+(0.4366*NoP) kg 24.98+(0.963*NoP) lb
<b>Max Particle Size (mm)</b>	0.8



#	MM	IN
A	425.2	16.74
B	203.2	8
C	354	13.94
D	126	4.96
F	18+2*(NoP)	0.71+0.08 *(NoP)
G	0	0
H	342	13.46
J	6	0.24
K	35.6	1.4
N	41.6	1.64
R	41.6	1.64
E_1	45	1.77



Threaded Ultra High Combo Connection  
Approved

