

: B85Hx60/1P

SSP : B85

		1	2
		R410A	Propylene Glycol - Water (30.0 mass%)
		34.00	
		kW	
		°C	
		43.00	
		0.298	
		1.000	
		°C	
(poca)		5.0	12.0
		°C	
		4.5	
		K	
		5.0	
		°C	
		9.5	7.0
		kg/s	1.779
		0.2181	
		kg/s	
		0.06508	
		kg/s	
		0.1530	
(C H)		kPa	
		16.1 (50.00)	48.8 (50.00)
		1	2
		m ²	3.48
		kW/m ²	9.8
		K	4.5
Overall heat transfer coefficient		W/m ² ,°C	2160
		kPa	48.8
- (B /)		kPa	1.98
- ()		kPa	
- ()		kPa	
		kPa	
		916	
		29	30
			60
		%	4
		m ² ,°C/kW	0.020
(/)		mm	33.0/33.0
		mm	10.2 - 16.2
		mm	18.2 - 40.7
			225.9
		m/s	2.01
		7.67	
		m/s	0.308
		1.21	
		kPa	0.0822
		K	0.2
		°C	
/ -		6.0/10.7	6.1/10.8

! SWEP does not recommend to select B-type evaporator with large number of plates.

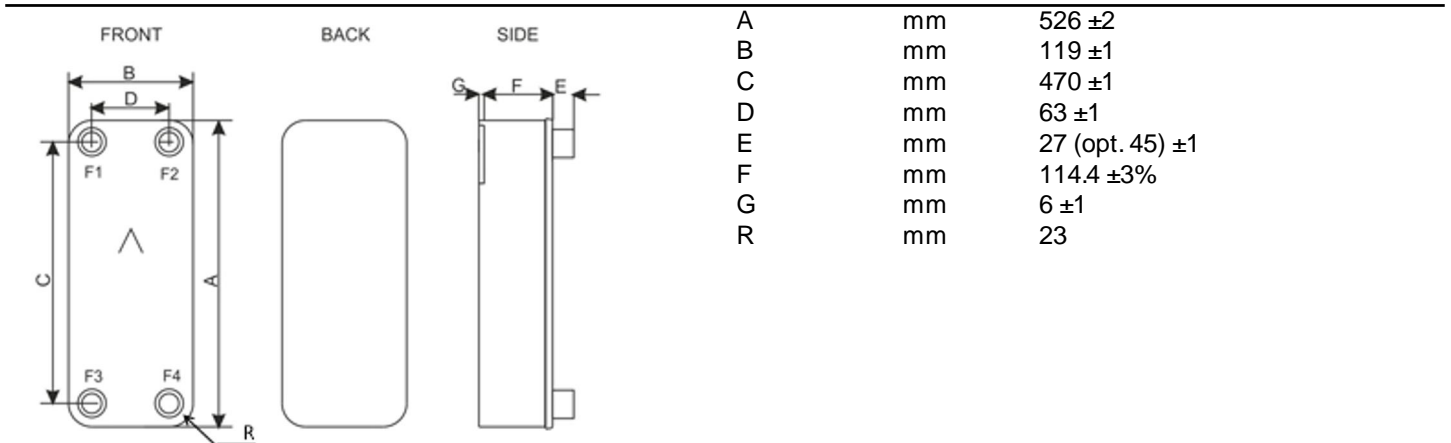
		1	2
		°C	4.7
		cP	9.4
		0.156	4.65
		kg/m ³	1034
		1151	
		kJ/kg,°C	3.822
		1.558	
		W/m,°C	0.4337
		0.1110	
		cP	
		0.0125	



	1	2
•	kg/m ³	33.53
•	kJ/kg,°C	0.9674
•	W/m,°C	0.01112
•	kJ/kg	215.0
• Bub Enthalpy	kJ/kg	206.8
• Dew Enthalpy	kJ/kg	422.0
• Inlet Enthalpy	kJ/kg	271.0
• Outlet Enthalpy	kJ/kg	429.8
	W/m ² ,°C	6710
		6680

	1	2
()*	kg	10.29
()	dm ³	2.73
()	dm ³	2.82
F1/P1	mm	33
F2/P2	mm	33
F3/P3	mm	33
F4/P4	mm	33

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SWEP.

	Unit	Value
Sweden - Landskrona	kg CO ₂ e	53.0
USA - Tulsa	kg CO ₂ e	55.6
Slovakia - Košice	kg CO ₂ e	60.3
Malaysia - Kuala Lumpur	kg CO ₂ e	83.9
China - Suzhou	kg CO ₂ e	143.9

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