

: B85Hx50/1P

SSP : B85

		1	2
		R410A	Propylene Glycol - Water (30.0 mass%)
		28.00	
		kW	
		°C	
		43.00	
		0.298	
		1.000	
		4.9	12.0
(poca)		°C	
		4.5	
		K	
		5.0	
		9.5	7.0
		kg/s	1.465
		0.1796	
		0.05360	
		0.1260	
(C H)		kPa	47.2 (50.00)
		15.6 (50.00)	
		1	2
		m ²	2.88
		kW/m ²	9.7
		K	4.5
Overall heat transfer coefficient		W/m ² ,°C	2140
		kPa	15.6
- (B /)		kPa	47.2
()		-0.115/0.827	1.34
()		0.000 - 0.000	
		916	
		24	25
			50
			5
			0.021
(/)		m ² ,°C/kW	
		33.0/33.0	33.0/33.0
		9.29 - 14.7	
		16.5 - 36.9	
			223.3
		m/s	1.66
		6.32	0.304
		1.21	0.0805
		kPa	
			0.2
		K	
		°C	
		6.0/10.7	6.1/10.8

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

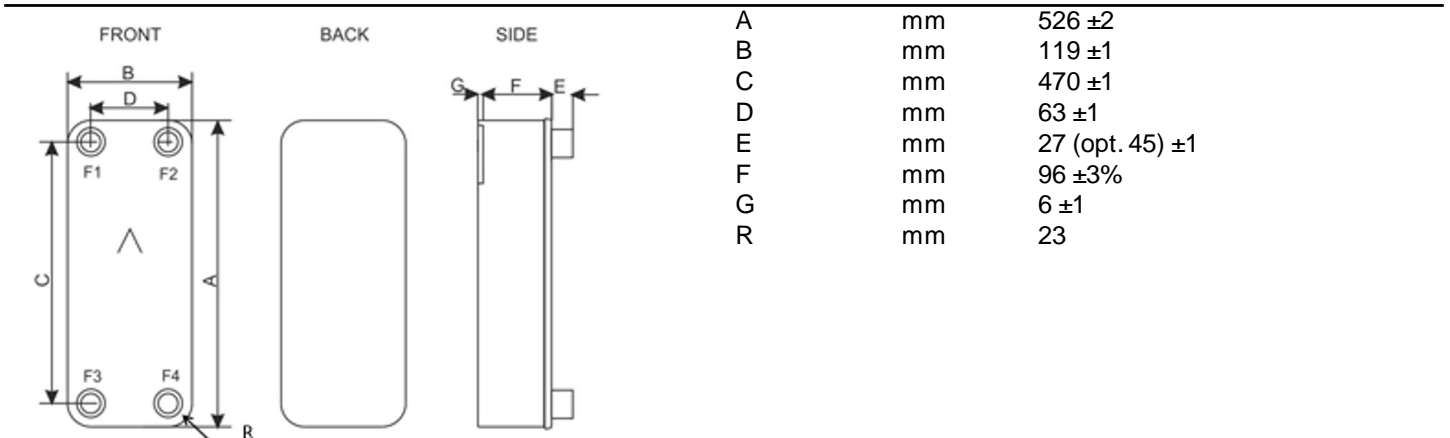
		1	2
		°C	4.7
		9.4	
		cP	4.65
		0.156	
		kg/m ³	1034
		1151	
		kJ/kg,°C	3.822
		1.558	
		W/m,°C	0.4337
		0.1110	
		cP	0.0125
		0.0125	



	1	2
•	kg/m ³	33.52
•	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	6680
		6630

	1	2
()*	kg	8.92
()	dm ³	2.26
()	dm ³	2.35
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	45.9
USA - Tulsa	kg CO ₂ e	48.2
Slovakia - Košice	kg CO ₂ e	52.2
Malaysia - Kuala Lumpur	kg CO ₂ e	72.8
China - Suzhou	kg CO ₂ e	124.8

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