

: B85Hx70/1P

SSP : B85

		1	2
		R410A	Propylene Glycol - Water (30.0 mass%)
		40.00	
		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	2.093
		0.2566	
		kg/s	
		0.07657	
		kg/s	
		0.1800	
(C H)		kPa	
		16.6 (50.00)	50.3 (50.00)
		1	2
		m ²	4.08
		kW/m ²	9.8
		K	4.5
Overall heat transfer coefficient		W/m ² ,°C	2180
		kPa	16.6
- (B /)		kPa	50.3
()		kPa	2.75
()		kPa	
		0.000 - 0.000	
		kPa	
		916	
		34	35
			70
			4
		%	0.018
		m ² ,°C/kW	
(/)			
		mm	33.0/33.0
		mm	33.0/33.0
		mm	11.1 - 17.5
		mm	19.7 - 44.1
			227.8
		m/s	2.37
		9.03	0.310
		m/s	1.22
		kPa	0.0835
		K	0.2
		°C	
		6.1/10.7	6.1/10.8

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

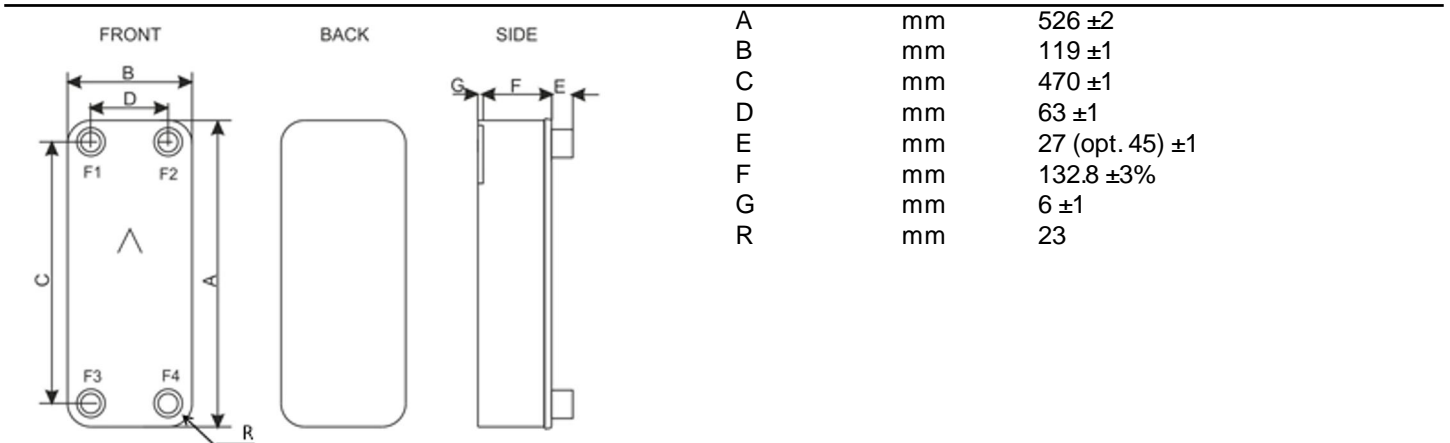
		1	2
		°C	4.8
		9.4	
		cP	0.156
		4.65	
		kg/m ³	1151
		1034	
		kJ/kg,°C	1.558
		3.822	
		W/m,°C	0.1110
		0.4337	
		cP	0.0125



	1	2
•	kg/m ³	33.55
•	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	6720
		6720

	1	2
()*	kg	11.66
()	dm ³	3.2
()	dm ³	3.29
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	60.0
USA - Tulsa	kg CO ₂ e	63.0
Slovakia - Košice	kg CO ₂ e	68.3
Malaysia - Kuala Lumpur	kg CO ₂ e	95.1
China - Suzhou	kg CO ₂ e	163.1

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