

: B85Hx70/1P

: 15/07/2025

SSP : B85

		1	2
		R32	Propylene Glycol - Water (30.0 mass%)
		41.00	
		kW	
		°C	
		43.00	
		0.252	
		1.000	
		°C	12.0
(poca)		°C	
		4.5	
		K	
		5.0	
		°C	7.0
		9.5	
		kg/s	2.146
		0.1743	
		kg/s	
		0.04385	
		kg/s	
		0.1305	
(C H)		kPa	
		11.7 (50.00)	52.6 (50.00)
		1	2
		m ²	4.08
		kW/m ²	10.0
		K	4.8
Overall heat transfer coefficient		W/m ² ,°C	2110
		kPa	
		11.7	52.6
- (B /)		kPa	2.89
- ()		kPa	
- ()		kPa	
		0.000 - 0.000	
		936	
		34	35
			70
			5
			0.023
		%	
		m ² ,°C/kW	
(/)		mm	33.0/33.0
		mm	9.92 - 15.7
		mm	19.2 - 42.9
			233.7
		m/s	2.43
		8.52	
		m/s	0.318
		1.15	
		kPa	0.0873
		K	0.3
		°C	
		5.9/11.0	6.0/11.0

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

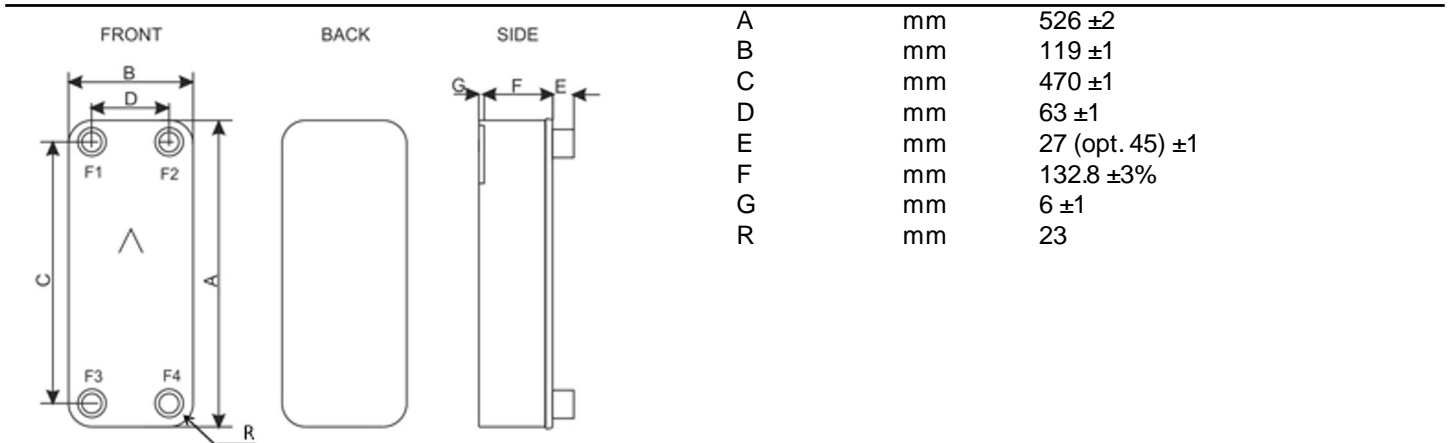
		1	2
		°C	4.7
		9.4	
		cP	4.64
		0.142	
		kg/m ³	1034
		1037	
		kJ/kg,°C	3.822
		1.811	
		W/m,°C	0.4337
		0.1416	
		cP	0.0117
		0.0117	



	1	2
•	kg/m ³	24.07
•	kJ/kg,°C	1.021
•	W/m,°C	0.01121
•	kJ/kg	307.1
• Bub Enthalpy	kJ/kg	207.6
• Dew Enthalpy	kJ/kg	517.5
• Inlet Enthalpy	kJ/kg	285.5
• Outlet Enthalpy	kJ/kg	526.5
	W/m ² ,°C	8090
		6820

	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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