

: B85Hx60/1P

: 15/07/2025

SSP : B85

		1	2
		R32	Propylene Glycol - Water (30.0 mass%)
		33.00	
		kW	
		°C	
		43.00	
		0.252	
		1.000	
		4.8	12.0
(poca)		°C	
		4.5	
		K	
		5.0	
		9.5	7.0
		kg/s	1.727
		0.1403	
		0.03529	
		0.1050	
(C H)		kPa	
		10.6 (50.00)	46.2 (50.00)
		1	2
		m ²	3.48
		kW/m ²	9.5
		K	4.8
Overall heat transfer coefficient		W/m ² ,°C	1970
		kPa	10.6
- (B / *)		kPa	46.2
- ()		kPa	1.87
- ()		kPa	0.000 - 0.000
		kPa	936
		29	30
			60
		%	7
		m ² ,°C/kW	0.032
(/)		mm	33.0/33.0
		mm	8.91 - 14.1
		mm	17.2 - 38.5
			219.5
		m/s	1.95
		6.86	0.299
		m/s	1.09
		kPa	0.0778
		K	0.3
/ . -		°C	5.9/11.0
* / . -			6.0/11.1

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

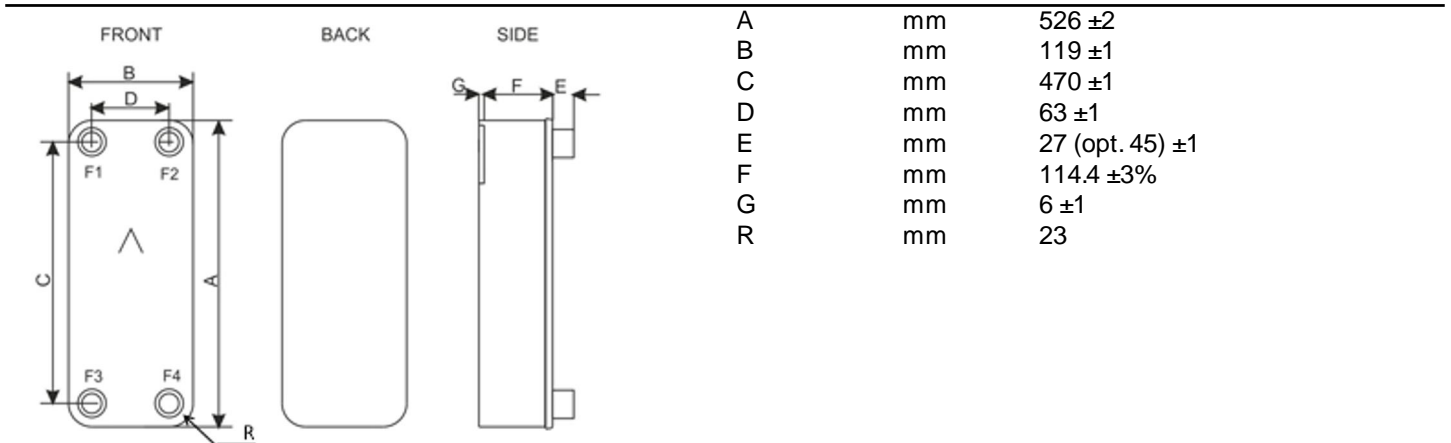
		1	2
		°C	4.7
		cP	9.4
		0.142	4.64
		kg/m ³	1034
		1037	1034
		kJ/kg,°C	3.822
		1.811	3.822
		W/m,°C	0.4337
		0.1417	0.4337
		cP	0.0117
		0.0117	



	1	2
•	kg/m ³	24.05
•	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	7770
		6540

	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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