

: B85Hx40/1P

: 15/07/2025

SSP : B85

		1	2
		R32	Propylene Glycol - Water (30.0 mass%)
		22.00	
	kW		
	°C	43.00	
		0.252	
		1.000	
	°C	4.8	12.0
	°C	4.5	
	K	5.0	
	°C	9.5	7.0
	kg/s	0.09353	1.151
	kg/s	0.02353	
	kg/s	0.07000	
	kPa	10.5 (50.00)	45.2 (50.00)
		1	2
	m ²	2.28	
	kW/m ²	9.6	
	K	4.8	
	W/m ² ,°C	2010	
	kPa	10.5	45.2
	kPa	-0.0375/0.309	0.829
	kPa	0.000 - 0.000	
	kPa	936	
		19	20
			40
	%	6	
	m ² ,°C/kW	0.029	
	mm	33.0/33.0	33.0/33.0
	mm	7.28 - 11.5	
	mm	14.1 - 31.5	
			219.5
	m/s	4.57	1.30
	m/s	1.10	0.299
	kPa		0.0778
	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.

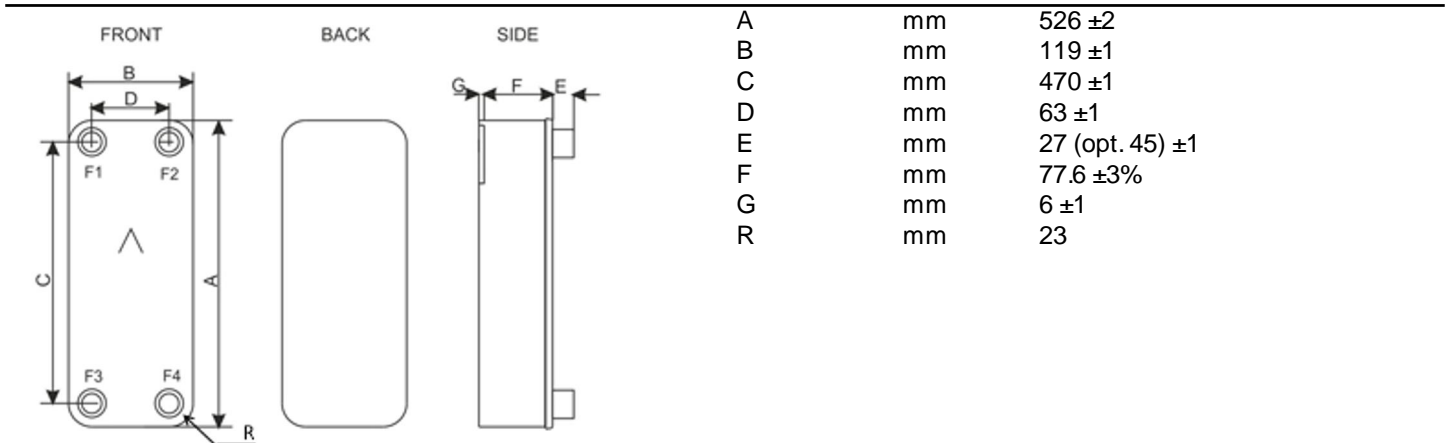
		1	2
	°C	4.7	9.4
	cP	0.142	4.64
	kg/m ³	1038	1034
	kJ/kg,°C	1.811	3.822
	W/m,°C	0.1417	0.4337
	cP	0.0117	



	1	2
•	kg/m ³	24.04
•	kJ/kg,°C	1.021
•	W/m,°C	0.01121
•	kJ/kg	307.2
• 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	7860
		6540

	1	2
()*	kg	7.56
()	dm ³	1.79
()	dm ³	1.88
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	38.9
USA - Tulsa	kg CO ₂ e	40.8
Slovakia - Košice	kg CO ₂ e	44.2
Malaysia - Kuala Lumpur	kg CO ₂ e	61.6
China - Suzhou	kg CO ₂ e	105.7

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