

: B85Hx70/1P

SSP : B85

		1	2
		R290 (Propane)	Propylene Glycol - Water (30.0 mass%)
		28.00	
	kW		
	°C	43.00	
		0.284	
		1.000	
	°C	5.0	12.0
	°C	4.5	
	K	5.0	
	°C	9.5	7.0
	kg/s	0.1026	1.465
	kg/s	0.02913	
	kg/s	0.07351	
	kPa	7.86 (50.00)	26.1 (50.00)
		1	2
	m ²	4.08	
	kW/m ²	6.86	
	K	4.7	
	W/m ² ,°C	1460	
	kPa	7.86	26.1
	kPa	-0.0967/0.771	1.35
	kPa	0.000 - 0.000	
	kPa	544	
		34	35
			70
			3
			0.023
	%		
	m ² ,°C/kW		
	mm	33.0/33.0	33.0/33.0
	mm	11.4 - 18.1	
	mm	21.0 - 46.9	
			159.4
	m/s	10.2	1.66
	m/s	1.37	0.217
	kPa		0.0434
	K		0.2
	°C	6.0/11.1	6.1/11.1

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

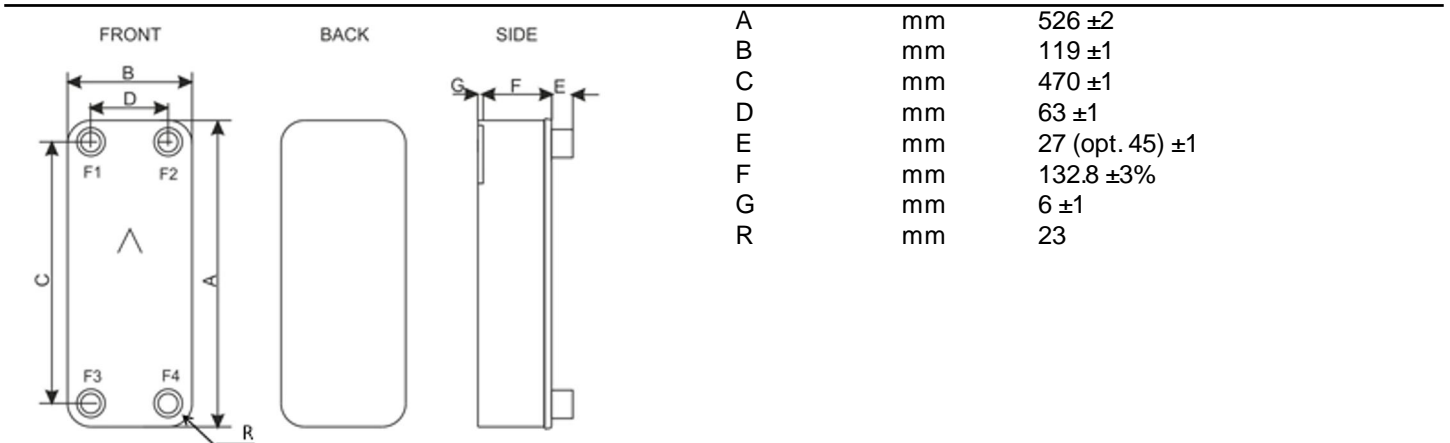
		1	2
	°C	4.8	9.4
	cP	0.120	4.65
	kg/m ³	522.0	1034
	kJ/kg,°C	2.530	3.822
	W/m,°C	0.1035	0.4337
	cP	7.55e-3	



	1	2
•	kg/m ³	11.91
•	kJ/kg,°C	1.781
•	W/m,°C	0.01629
•	kJ/kg	368.0
• Bub Enthalpy	kJ/kg	211.3
• Dew Enthalpy	kJ/kg	579.8
• Inlet Enthalpy	kJ/kg	315.9
• Outlet Enthalpy	kJ/kg	592.4
	W/m ² ,°C	5210
		5290

	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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