

: B8THx20/1P

: 04/07/2025

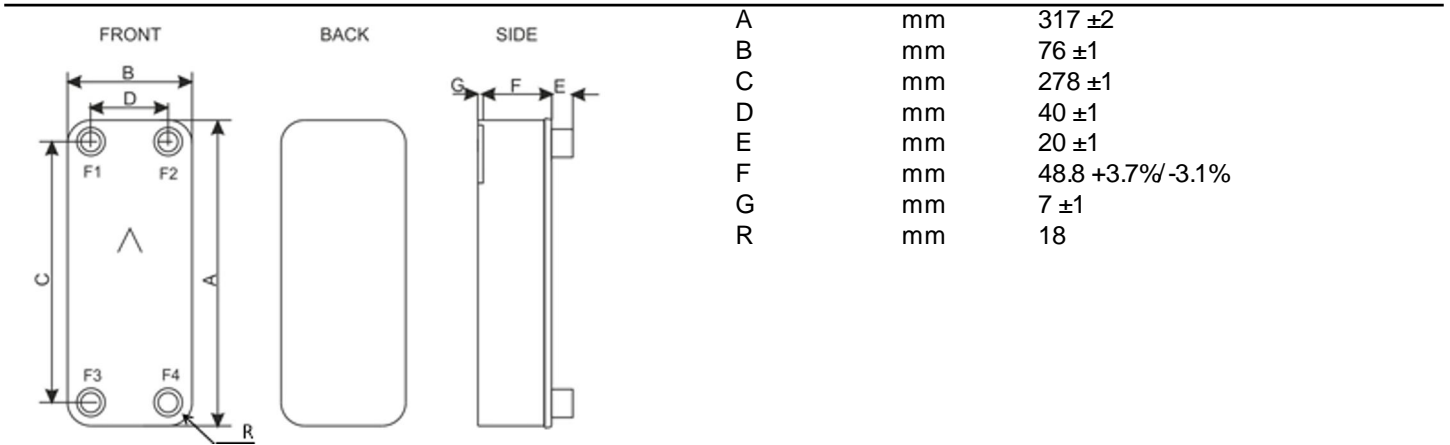
SSP : B8T

		1	2
		R410A	Propylene Glycol - Water (30.0 mass%)
		2.400	
		kW	
		°C	
		43.00	
		0.304	
		1.000	
		°C	
(poca)		3.5	12.0
		°C	
		3.5	
		K	
		5.0	
		°C	
		8.5	7.0
		kg/s	0.1256
		0.01543	
		kg/s	
		4.687e-3	
		kg/s	
		0.01074	
(C H)		kPa	
		2.60 (50.00)	3.38 (50.00)
		1	2
		m ²	0.414
		kW/m ²	5.80
		K	6.4
Overall heat transfer coefficient		W/m ² ,°C	906
		kPa	3.38
- (B /)		2.60	0.125
- ()		-0.0111/0.0806	
()		0.000 - 0.000	
()		888	
		9	10
			20
			6
		%	0.058
		m ² ,°C/kW	
(/)		17.5/17.5	17.5/17.5
		mm	
		2.80 - 4.43	
		mm	
		4.94 - 11.0	
			74.06
		m/s	0.505
		1.99	0.0832
		m/s	0.0103
		0.364	
		kPa	
			0.3
		K	
/		°C	
-		4.7/11.1	4.8/11.1
*			
		1	2
		°C	9.4
		3.5	4.65
		cP	1034
		0.159	3.822
		kg/m ³	0.4337
		1157	
		kJ/kg,°C	
		1.551	
		W/m,°C	
		0.1118	
		cP	
		0.0124	
		kg/m ³	
		32.23	
		kJ/kg,°C	
		0.9595	
		W/m,°C	
		0.01104	



	1	2
•		
• Bub Enthalpy	kJ/kg	216.6
• Dew Enthalpy	kJ/kg	205.2
• Inlet Enthalpy	kJ/kg	421.7
• Inlet Enthalpy	kJ/kg	271.0
• Outlet Enthalpy	kJ/kg	429.5
	W/m ² ,°C	7660
		3090
	1	2
()*	kg	2.35
()	dm ³	0.35
()	dm ³	0.39
F1/P1	mm	16
F2/P2	mm	16
F3/P3	mm	16
F4/P4	mm	16

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SWEP.

	Unit	Value
Sweden - Landskrona	kg CO ₂ e	12.1 - 12.1
USA - Tulsa	kg CO ₂ e	12.7 - 12.7
Slovakia - Košice	kg CO ₂ e	13.8 - 13.8
Malaysia - Kuala Lumpur	kg CO ₂ e	19.2 - 19.2
China - Suzhou	kg CO ₂ e	32.9 - 32.9

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