

## : B8THx20/1P

: 04/07/2025

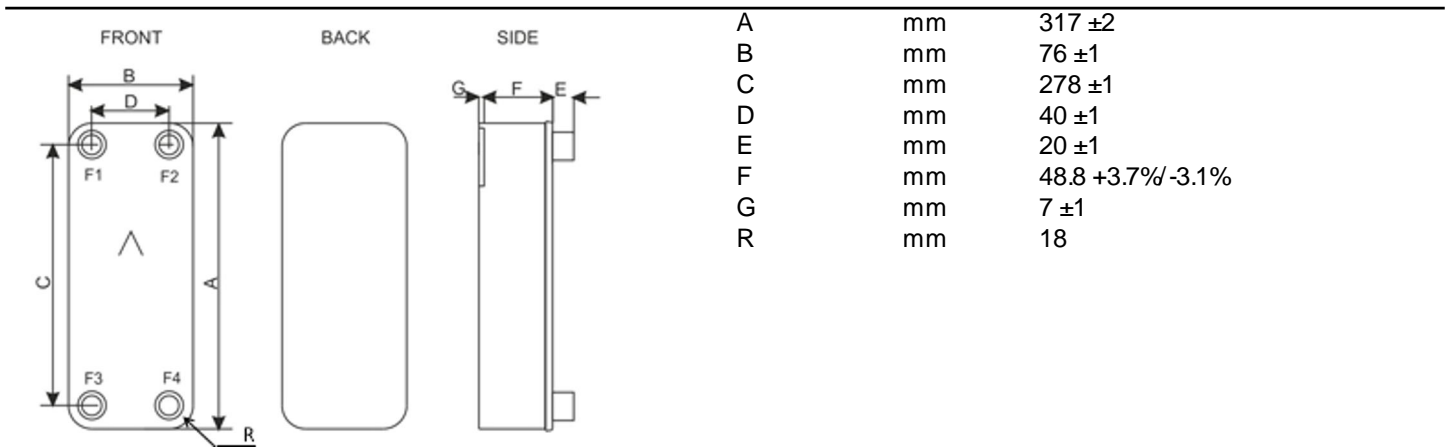
SSP : B8T

		1	2
		R600a (iso-Butane)	Propylene Glycol - Water (30.0 mass%)
		<b>1.800</b>	
	kW		
	°C	<b>43.00</b>	
		0.273	
		<b>1.000</b>	
	°C	3.9	<b>12.0</b>
(poca)	°C	<b>3.5</b>	
	K	<b>5.0</b>	
	°C	8.5	<b>7.0</b>
	kg/s	6.835e-3	0.09419
•	kg/s	1.868e-3	
	kg/s	4.968e-3	
( C H)	kPa	2.61 ( <b>50.00</b> )	2.19 ( <b>50.00</b> )
		<b>1</b>	<b>2</b>
	m <sup>2</sup>	0.414	
	kW/m <sup>2</sup>	4.35	
	K	6.1	
Overall heat transfer coefficient	W/m <sup>2</sup> ,°C	714	
-	kPa	2.61	2.19
( B / )	kPa	-0.0125/0.106	0.0702
( )	kPa	0.000 - 0.000	
( )	kPa	178	
		9	10
	%	20	
		0	
	m <sup>2</sup> ,°C/kW	0.016	
( / )	mm	17.5/17.5	17.5/17.5
	mm	4.47 - 7.07	
	mm	8.50 - 19.0	
			55.54
-	m/s	5.93	0.379
	m/s	1.09	0.0624
	kPa		6.73e-3
/	K		0.2
*	°C	5.3/11.1	5.4/11.1
		<b>1</b>	<b>2</b>
•	°C	3.7	9.4
•	cP	0.191	4.65
•	kg/m <sup>3</sup>	576.3	1034
•	kJ/kg,°C	2.302	3.822
•	W/m,°C	0.09720	0.4337
•	cP	6.95e-3	
•	kg/m <sup>3</sup>	4.819	
•	kJ/kg,°C	1.643	
•	W/m,°C	0.01466	



	1	2
•		
• Bub Enthalpy	kJ/kg	350.8
• Dew Enthalpy	kJ/kg	208.1
• Inlet Enthalpy	kJ/kg	559.0
• Outlet Enthalpy	kJ/kg	304.0
	kJ/kg	570.5
	W/m <sup>2</sup> ,°C	3230
		2570
	1	2
( )*	kg	2.35
( )	dm <sup>3</sup>	0.35
( )	dm <sup>3</sup>	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 <sub>2</sub> e	12.1 - 12.1
USA - Tulsa	kg CO <sub>2</sub> e	12.7 - 12.7
Slovakia - Košice	kg CO <sub>2</sub> e	13.8 - 13.8
Malaysia - Kuala Lumpur	kg CO <sub>2</sub> e	19.2 - 19.2
China - Suzhou	kg CO <sub>2</sub> e	32.9 - 32.9

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