

## : B8THx30/1P

: 04/07/2025

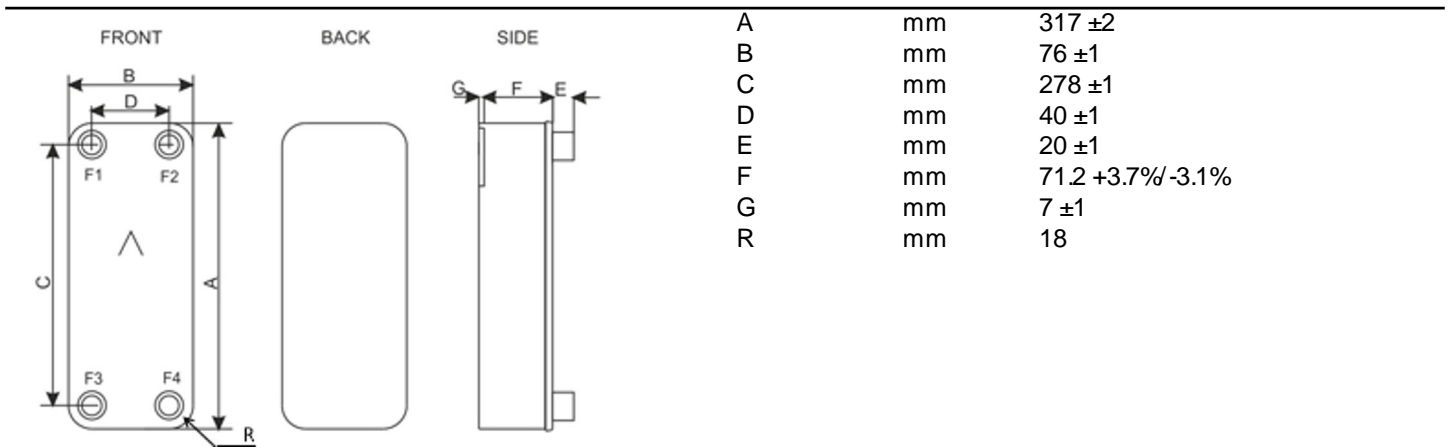
SSP : B8T

		1	2
		R600a (iso-Butane)	Propylene Glycol - Water (30.0 mass%)
		<b>3.000</b>	
	kW		
	°C	<b>43.00</b>	
		0.273	
		<b>1.000</b>	
	°C	4.0	<b>12.0</b>
(poca)	°C	<b>3.5</b>	
	K	<b>5.0</b>	
	°C	8.5	<b>7.0</b>
	kg/s	0.01139	0.1570
•	kg/s	3.113e-3	
	kg/s	8.280e-3	
( C H)	kPa	2.98 ( <b>50.00</b> )	2.65 ( <b>50.00</b> )
		1	2
	m <sup>2</sup>	0.644	
	kW/m <sup>2</sup>	4.66	
	K	6.0	
Overall heat transfer coefficient	W/m <sup>2</sup> ,°C	771	
-	kPa	2.98	2.65
( B / )	kPa	-0.0327/0.303	0.196
( )	kPa	0.000 - 0.000	
( )	kPa	178	
		14	15
		30	
	%	0	
	m <sup>2</sup> ,°C/kW	-0.023	
( / )	mm	17.5/17.5	17.5/17.5
	mm	5.76 - 9.11	
	mm	11.0 - 24.5	
	m/s	9.89	61.71
-	m/s	1.16	0.631
	kPa		0.0693
	K		7.79e-3
/	°C	5.4/11.1	0.2
*			5.5/11.2
		1	2
	°C	3.7	9.4
•	cP	0.190	4.65
•	kg/m <sup>3</sup>	576.2	1034
•	kJ/kg,°C	2.302	3.822
•	W/m,°C	0.09718	0.4337
•	cP	6.96e-3	
•	kg/m <sup>3</sup>	4.827	
•	kJ/kg,°C	1.643	
•	W/m,°C	0.01466	



	1	2
•		
• Bub Enthalpy	kJ/kg	350.7
• 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	3300
		2760
	1	2
( )*	kg	3.1
( )	dm <sup>3</sup>	0.55
( )	dm <sup>3</sup>	0.58
F1/P1	mm	16
F2/P2	mm	16
F3/P3	mm	16
F4/P4	mm	16

\*



\*

SWEP.

	Unit	Value
Sweden - Landskrona	kg CO <sub>2</sub> e	16.0 - 16.0
USA - Tulsa	kg CO <sub>2</sub> e	16.7 - 16.8
Slovakia - Košice	kg CO <sub>2</sub> e	18.1 - 18.2
Malaysia - Kuala Lumpur	kg CO <sub>2</sub> e	25.3 - 25.3
China - Suzhou	kg CO <sub>2</sub> e	43.3 - 43.4

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