

**HEAT PUMP -  
: B85Hx50/1P**

SWEPE DThermX  
: 15/07/2025

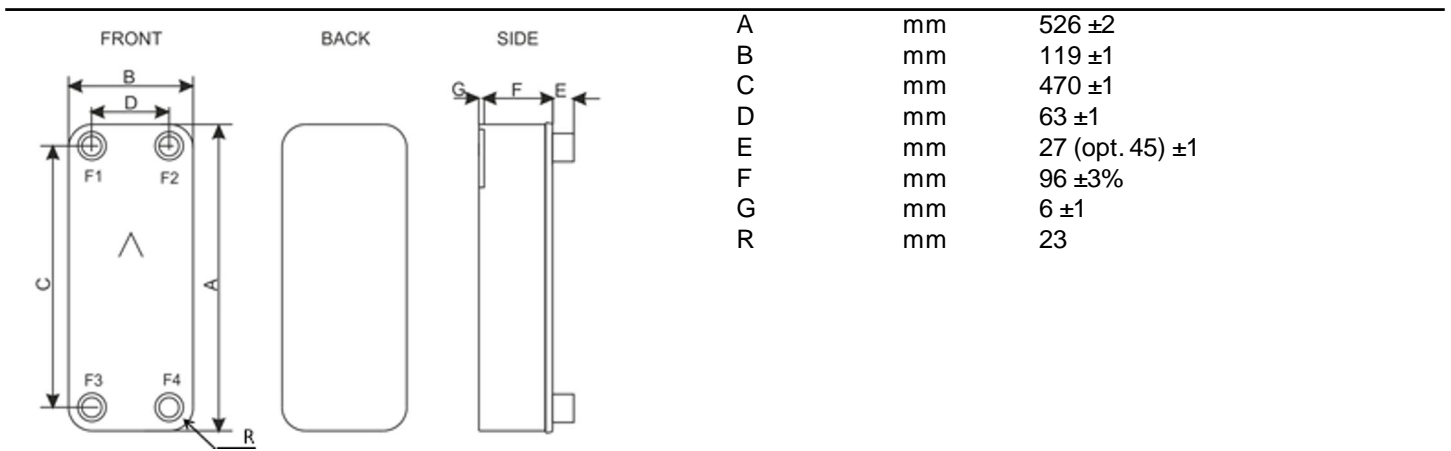
SSP : B85-NHP

		1	2
		R32	Propylene Glycol - Water (30.0 mass%)
		<b>33.50</b>	
		<b>1.000</b>	
		<b>0.000</b>	
		<b>80.0</b>	<b>45.0</b>
(poca)	°C	<b>56.0</b>	
		<b>4.0</b>	
		52.0	<b>55.0</b>
		0.1385	0.8516
		0.1385	
( C H)	kPa	<b>1.28 (50.00)</b>	<b>14.2 (50.00)</b>
		<b>1</b>	<b>2</b>
		2.88	
		11.6	
		6.1	
Overall heat transfer coefficient	W/m <sup>2</sup> ,°C	1920	
-	kPa	1.28	14.2
( B / )	kPa	-0.0731/0.0200	0.463
( )	kPa	3600	
		24	25
			50
			3
			0.014
( / )	m <sup>2</sup> ,°C/kW	33.0/33.0	33.0/33.0
		8.23 - 18.4	
		10.5 - 21.0	
B	m/s	1.55	487.8
		0.297	0.982
			0.180
			0.0240
			0.3
/	°C	47.2/58.1	47.0/57.8
*			
		<b>1</b>	<b>2</b>
		56.0	50.0
		0.0761	1.24
		801.0	1014
		2.733	3.934
		0.1024	0.4690
		0.0139	
		104.2	
		1.920	
		0.01479	
		189.9	
		3440	7950
• Bub Enthalpy	kJ/kg	314.1	



		1	2
• Dew Enthalpy	kJ/kg	499.1	
• Inlet Enthalpy	kJ/kg	622.2	
• Outlet Enthalpy	kJ/kg	303.7	
<hr/>			
( )*	kg	8.92	
( )	dm <sup>3</sup>	2.26	
( )	kg	0.52	
( )	dm <sup>3</sup>	2.35	
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 <sub>2</sub> e	45.9
USA - Tulsa	kg CO <sub>2</sub> e	48.2
Slovakia - Košice	kg CO <sub>2</sub> e	52.2
Malaysia - Kuala Lumpur	kg CO <sub>2</sub> e	72.8
China - Suzhou	kg CO <sub>2</sub> e	124.8

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