

**HEAT PUMP -  
: B85Hx40/1P**

SWEP DThermX  
: 15/07/2025

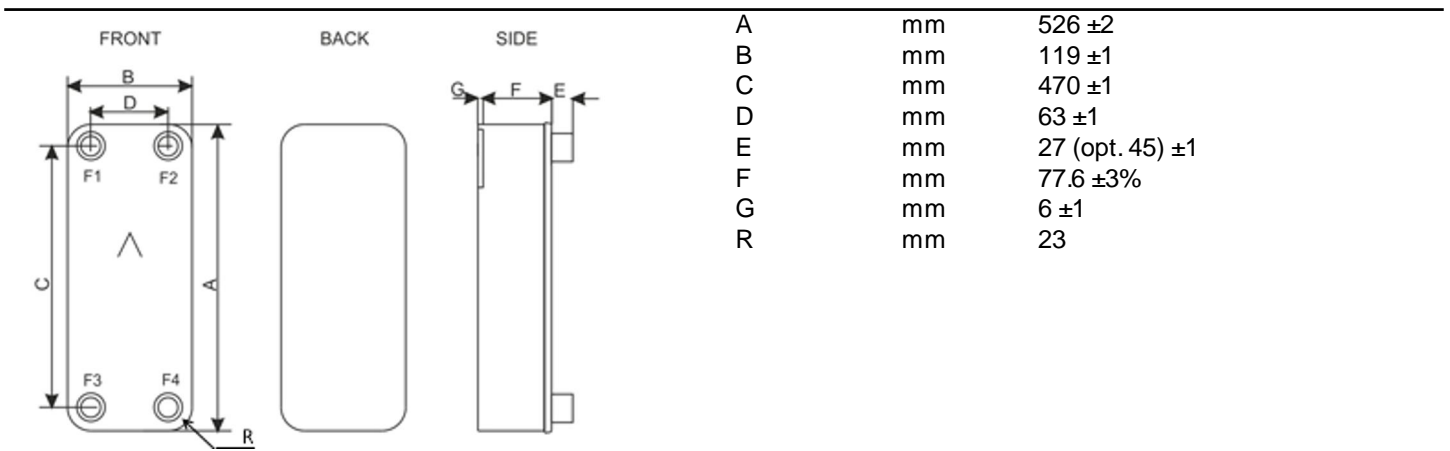
SSP : B85-NHP

		1	2
		R410A	Propylene Glycol - Water (30.0 mass%)
		<b>36.80</b>	
		<b>1.000</b>	
		<b>0.000</b>	
		<b>80.0</b>	<b>45.0</b>
(poca)	°C	<b>56.0</b>	
		<b>3.0</b>	
		52.9	<b>55.0</b>
		0.2234	0.9355
		0.2234	
( C H)	kPa	4.28 ( <b>50.00</b> )	25.1 ( <b>50.00</b> )
		<b>1</b>	<b>2</b>
		2.28	
		16.1	
		6.7	
Overall heat transfer coefficient	W/m <sup>2</sup> ,°C	2390	
-	kPa	4.28	25.1
( B / )	kPa	-0.129/0.0481	0.558
( )	kPa	3500	
		19	20
			40
			4
			0.016
( / )	m <sup>2</sup> ,°C/kW	33.0/33.0	33.0/33.0
		8.60 - 19.2	
		12.9 - 25.7	
B	m/s	1.69	669.8
			1.08
		0.409	0.247
			0.0431
			0.7
/	K		
*	°C	47.3/60.9	47.1/60.2
		<b>1</b>	<b>2</b>
		55.9	50.0
		0.0731	1.24
		861.0	1014
		2.671	3.934
		0.07555	0.4690
		0.0148	
		153.9	
		1.937	
		0.01436	
		120.3	
		4170	9800
• Bub Enthalpy	kJ/kg	297.8	



		1	2
• Dew Enthalpy	kJ/kg	418.1	
• Inlet Enthalpy	kJ/kg	498.8	
• Outlet Enthalpy	kJ/kg	290.1	
<hr/>			
( ) *	kg	7.56	
( )	dm <sup>3</sup>	1.79	
( )	kg	0.56	
( )	dm <sup>3</sup>	1.88	
F1/P1	mm	33	
F2/P2	mm	33	
F3/P3	mm	33	
F4/P4	mm	33	

\*



A	mm	526 ±2
B	mm	119 ±1
C	mm	470 ±1
D	mm	63 ±1
E	mm	27 (opt. 45) ±1
F	mm	77.6 ±3%
G	mm	6 ±1
R	mm	23

\*

SWEP.

	Unit	Value
Sweden - Landskrona	kg CO <sub>2</sub> e	38.9
USA - Tulsa	kg CO <sub>2</sub> e	40.8
Slovakia - Košice	kg CO <sub>2</sub> e	44.2
Malaysia - Kuala Lumpur	kg CO <sub>2</sub> e	61.6
China - Suzhou	kg CO <sub>2</sub> e	105.7

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