

**HEAT PUMP -  
: B85Hx80/1P**

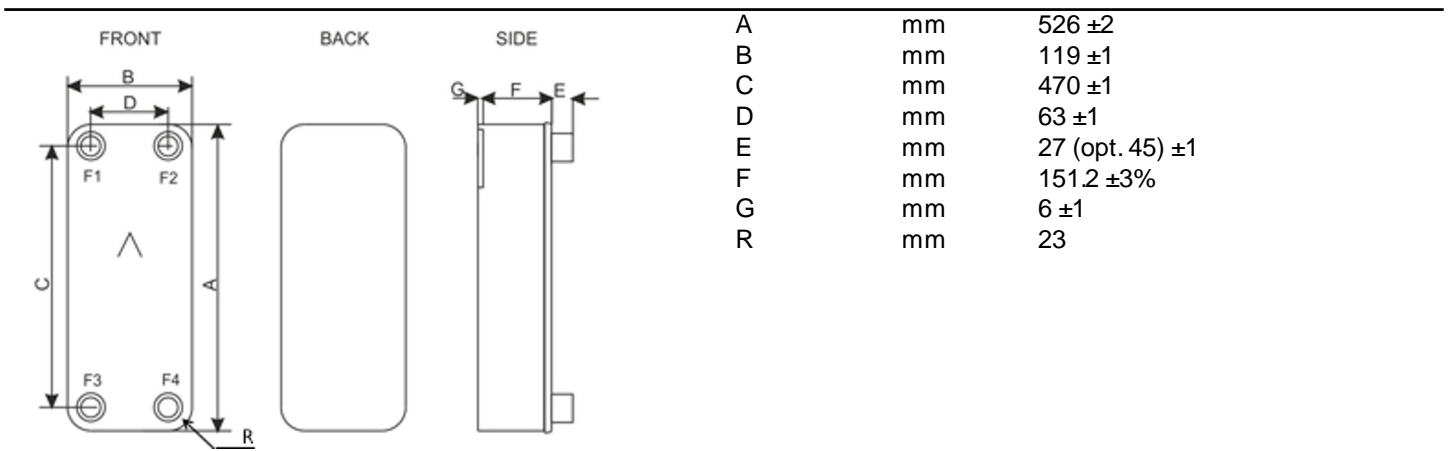
SWEP DThermX  
: 15/07/2025

SSP : B85-NHP

		1	2
		R32	Propylene Glycol - Water (30.0 mass%)
		<b>53.00</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>
		0.2191	1.347
		0.2191	
( C H)	kPa	1.09 ( <b>50.00</b> )	14.6 ( <b>50.00</b> )
		<b>1</b>	<b>2</b>
		4.68	
		11.3	
		6.1	
Overall heat transfer coefficient	W/m <sup>2</sup> ,°C	1870	
-	kPa	1.09	14.6
( B / )	kPa	-0.179/0.0504	1.16
( )	kPa	3600	
		39	40
			80
			5
			0.025
( / )	m <sup>2</sup> ,°C/kW		
		33.0/33.0	33.0/33.0
		10.4 - 23.1	
		13.2 - 26.4	
B	m/s	2.46	482.3
			1.55
		0.289	0.178
			0.0235
			0.3
/	K		
*	°C	47.1/58.1	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	
		3430	7890
• 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
	1	2
( ) *	kg	13.02
( )	dm <sup>3</sup>	3.67
( )	kg	0.85
( )	dm <sup>3</sup>	3.76
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	151.2 ±3%
G	mm	6 ±1
R	mm	23

\* SWEP.

	Unit	Value
Sweden - Landskrona	kg CO <sub>2</sub> e	67.1
USA - Tulsa	kg CO <sub>2</sub> e	70.3
Slovakia - Košice	kg CO <sub>2</sub> e	76.3
Malaysia - Kuala Lumpur	kg CO <sub>2</sub> e	106.2
China - Suzhou	kg CO <sub>2</sub> e	182.2

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