

**HEAT PUMP -**  
**: B85Hx70/1P**

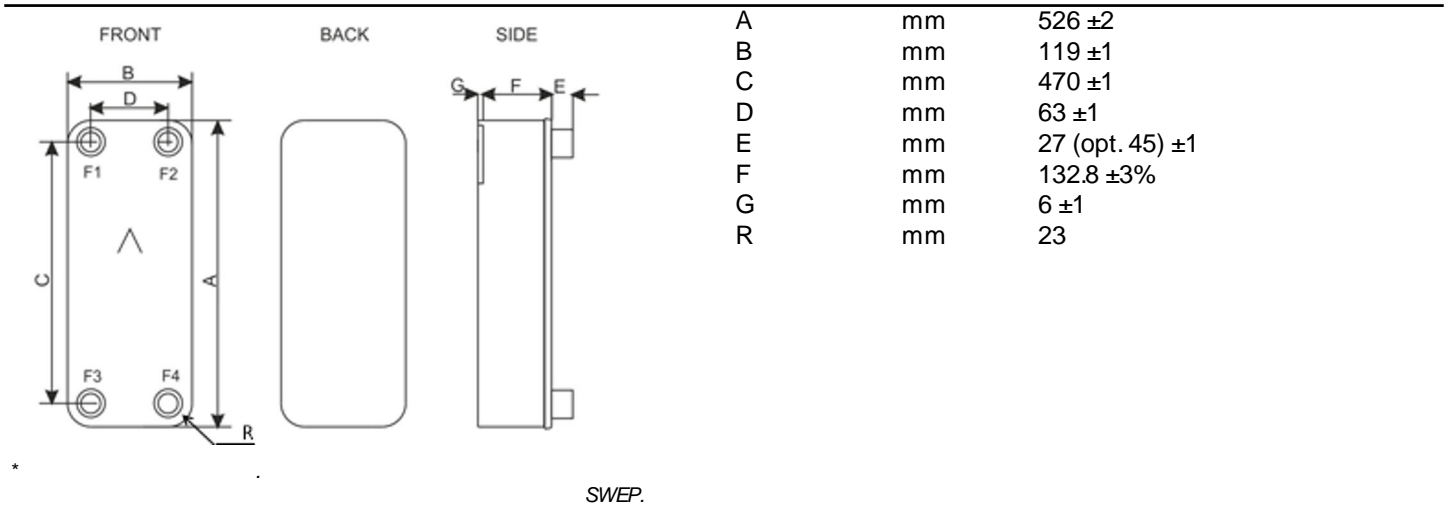
SWEP DThermX  
: 15/07/2025

SSP : B85-NHP

		1	2
		R32	Propylene Glycol - Water (30.0 mass%)
		<b>47.00</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>
		0.1943	1.195
		0.1943	
( C H)	kPa	1.19 <b>(50.00)</b>	14.7 <b>(50.00)</b>
		<b>1</b>	<b>2</b>
		4.08	
		11.5	
		6.1	
Overall heat transfer coefficient	W/m <sup>2</sup> ,°C	1900	
-	kPa	1.19	14.7
( B / )	kPa	-0.142/0.0395	0.914
( )	kPa	3600	
		34	35
		70	
		4	
		0.018	
		33.0/33.0	33.0/33.0
		9.75 - 21.8	
		12.4 - 24.9	
B	m/s	2.18	488.8
			1.38
		0.294	0.181
			0.0241
			0.3
		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	
		3440	7960
• 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	11.66
( )	dm <sup>3</sup>	3.2
( )	kg	0.74
( )	dm <sup>3</sup>	3.29
F1/P1	mm	33
F2/P2	mm	33
F3/P3	mm	33
F4/P4	mm	33



SWEP.

	Unit	Value
Sweden - Landskrona	kg CO <sub>2</sub> e	60.0
USA - Tulsa	kg CO <sub>2</sub> e	63.0
Slovakia - Košice	kg CO <sub>2</sub> e	68.3
Malaysia - Kuala Lumpur	kg CO <sub>2</sub> e	95.1
China - Suzhou	kg CO <sub>2</sub> e	163.1

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