

**HEAT PUMP -
: B85Hx60/1P**

SWEP DThermX
: 15/07/2025

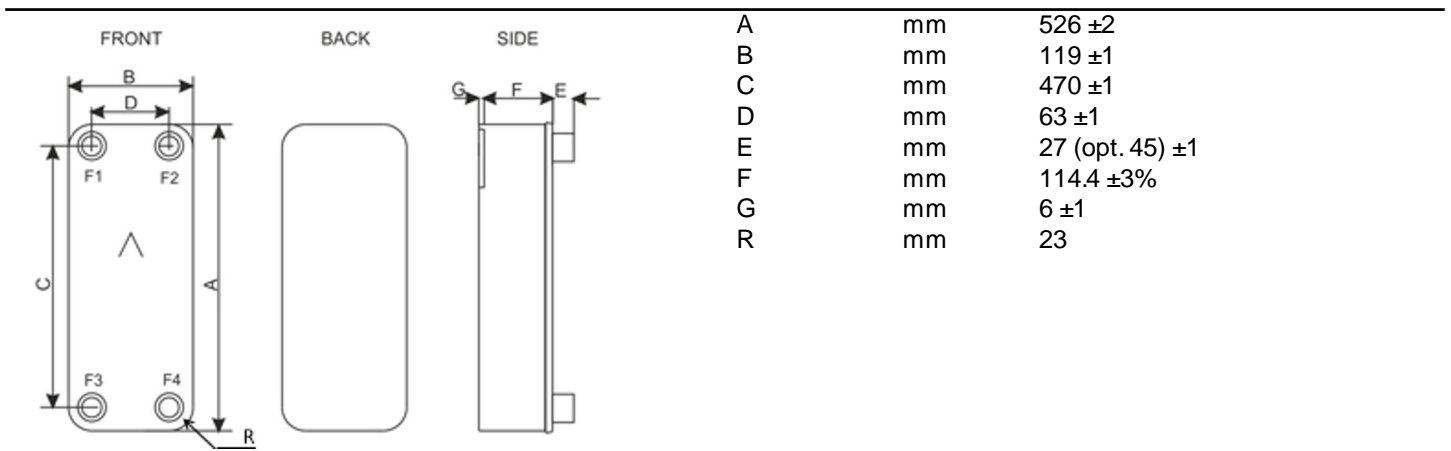
SSP : B85-NHP

		1	2
		R410A	Propylene Glycol - Water (30.0 mass%)
		53.00	
		1.000	
		0.000	
		80.0	45.0
(poca)	°C	56.0	
		4.0	
		51.9	55.0
		0.3172	1.347
		0.3172	
(C H)	kPa	3.48 (50.00)	23.9 (50.00)
		1	2
		3.48	
		15.2	
		6.7	
Overall heat transfer coefficient	W/m ² ,°C	2280	
-	kPa	3.48	23.9
(B /)	kPa	-0.257/0.0976	1.16
()	kPa	3500	
		29	30
			60
			5
			0.019
(/)	m ² ,°C/kW		
		33.0/33.0	33.0/33.0
		10.2 - 22.9	
		15.3 - 30.6	
B	m/s	2.41	643.1
			1.55
		0.380	0.238
			0.0400
-	kPa		
/	K		0.6
*	°C	47.0/60.7	46.8/60.0
		1	2
		56.0	50.0
		0.0731	1.24
		861.0	1014
		2.671	3.934
		0.07555	0.4690
		0.0148	
		154.0	
		1.937	
		0.01436	
		120.3	
		4030	9540
• Bub Enthalpy	kJ/kg	297.8	



	1	2
• Dew Enthalpy	kJ/kg	418.1
• Inlet Enthalpy	kJ/kg	498.8
• Outlet Enthalpy	kJ/kg	287.7
	1	2
() *	kg	10.29
()	dm ³	2.73
()	kg	0.88
()	dm ³	2.82
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 ₂ e	53.0
USA - Tulsa	kg CO ₂ e	55.6
Slovakia - Košice	kg CO ₂ e	60.3
Malaysia - Kuala Lumpur	kg CO ₂ e	83.9
China - Suzhou	kg CO ₂ e	143.9

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