

**HEAT PUMP -
: B85Hx30/1P**

SWEP DThermX
: 15/07/2025

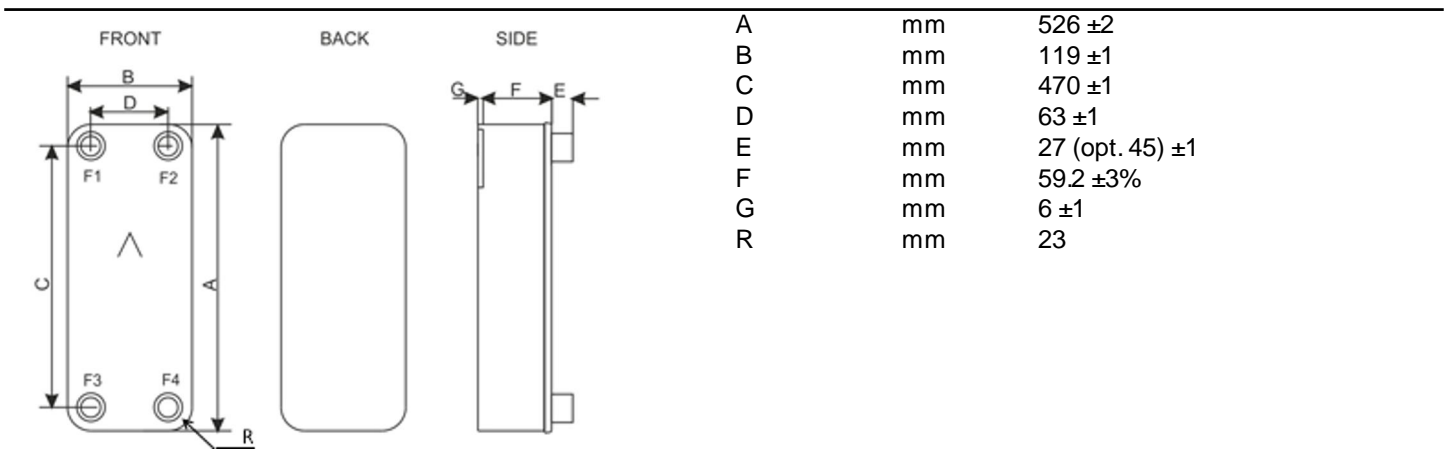
SSP : B85-NHP

		1	2
		R410A	Propylene Glycol - Water (30.0 mass%)
		25.00	
		1.000	
		0.000	
		80.0	45.0
(poca)	°C	56.0	
		3.0	
		52.9	55.0
		0.1518	0.6356
		0.1518	
(C H)	kPa	3.50 (50.00)	20.7 (50.00)
		1	2
		1.68	
		14.9	
		6.7	
Overall heat transfer coefficient	W/m ² ,°C	2210	
-	kPa	3.50	20.7
(B /)	kPa	-0.0601/0.0221	0.258
()	kPa	3500	
		14	15
		30	
		7	
		0.029	
(/)	m ² ,°C/kW		
		33.0/33.0	33.0/33.0
		7.09 - 15.8	
		10.6 - 21.2	
			606.7
B	m/s	1.15	0.733
		0.377	0.224
			0.0359
		0.6	
/	°C	47.3/60.8	47.1/60.2
		1	2
		55.9	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	
		4010	9170
• 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	
		1	2
() *	kg	6.19	
()	dm ³	1.32	
()	kg	0.41	
()	dm ³	1.41	
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	31.9
USA - Tulsa	kg CO ₂ e	33.4
Slovakia - Košice	kg CO ₂ e	36.2
Malaysia - Kuala Lumpur	kg CO ₂ e	50.5
China - Suzhou	kg CO ₂ e	86.6

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