

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

SWEP DThermX
: 15/07/2025

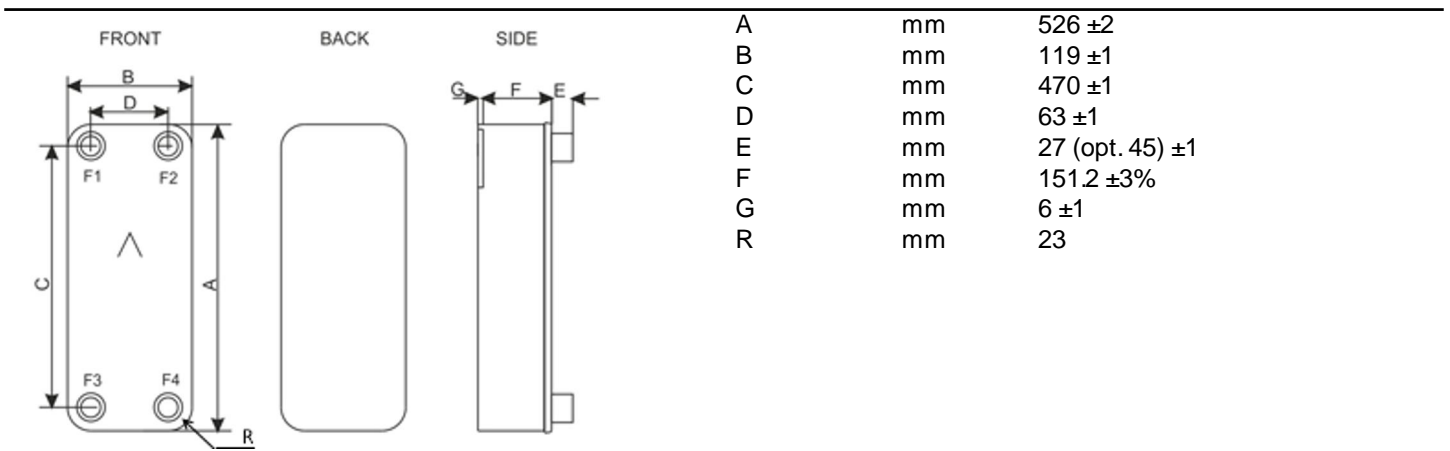
SSP : B85-NHP

		1	2
		R410A	Propylene Glycol - Water (30.0 mass%)
		75.50	
		1.000	
		0.000	
		80.0	45.0
(poca)	°C	56.0	
	K	4.0	
	°C	51.9	55.0
	kg/s	0.4518	1.919
	kg/s	0.4518	
(C H)	kPa	3.90 (50.00)	28.1 (50.00)
		1	2
		4.68	
		16.1	
		6.7	
Overall heat transfer coefficient	W/m ² ,°C	2420	
-	kPa	3.90	28.1
(B /)	kPa	-0.515/0.199	2.36
()	kPa	3500	
		39	40
			80
	%		3
	m ² ,°C/kW		0.011
(/)	mm	33.0/33.0	33.0/33.0
	mm	12.2 - 27.3	
	mm	18.3 - 36.6	
B	m/s	3.43	687.1
	m/s	0.403	2.21
	kPa		0.254
	kPa		0.0451
	K		0.7
/	°C	47.0/60.8	46.8/60.1
*			
		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	
		4140	9980
• 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	
<hr/>			
()*	kg	13.02	
()	dm ³	3.67	
()	kg	1.18	
()	dm ³	3.76	
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	67.1
USA - Tulsa	kg CO ₂ e	70.3
Slovakia - Košice	kg CO ₂ e	76.3
Malaysia - Kuala Lumpur	kg CO ₂ e	106.2
China - Suzhou	kg CO ₂ e	182.2

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