

**HEAT PUMP -
: B85Hx40/1P**

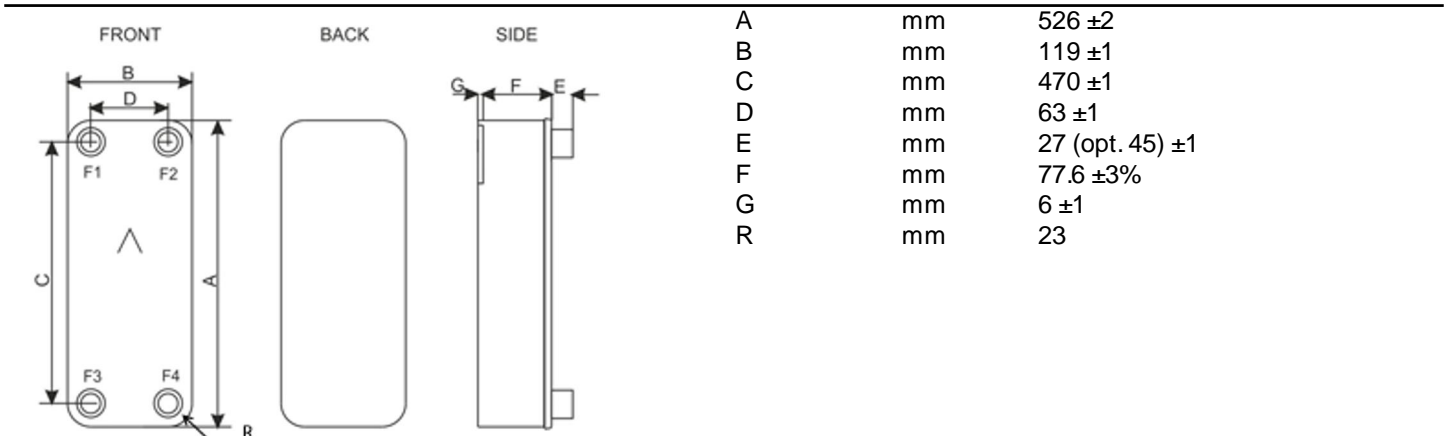
SWEP DThermX
: 15/07/2025

SSP : B85-NHP

		1	2
		R32	Propylene Glycol - Water (30.0 mass%)
		26.00	
		1.000	
		0.000	
		80.0	45.0
(poca)	°C	56.0	
		3.0	
		53.0	55.0
		0.1086	0.6610
		0.1086	
(C H)	kPa	1.26 (50.00)	13.2 (50.00)
		1	2
		2.28	
		11.4	
		6.1	
Overall heat transfer coefficient	W/m ² ,°C	1870	
-	kPa	1.26	13.2
(B /)	kPa	-0.0452/0.0122	0.279
()	kPa	3600	
		19	20
		40	
		5	
		0.024	
(/)	m ² ,°C/kW	33.0/33.0	33.0/33.0
		7.29 - 16.3	
		9.29 - 18.6	
B	m/s	1.22	473.2
		0.294	0.762
			0.175
			0.0227
-	K		0.3
/	°C	47.5/58.2	47.3/57.9
*			
		1	2
		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	7780
• Bub Enthalpy	kJ/kg	314.1	



		1	2
• Dew Enthalpy	kJ/kg	499.1	
• Inlet Enthalpy	kJ/kg	622.2	
• Outlet Enthalpy	kJ/kg	306.2	
		1	2
() *	kg	7.56	
()	dm ³	1.79	
()	kg	0.41	
()	dm ³	1.88	
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	77.6 ±3%
G	mm	6 ±1
R	mm	23

SWEP.

	Unit	Value
Sweden - Landskrona	kg CO ₂ e	38.9
USA - Tulsa	kg CO ₂ e	40.8
Slovakia - Košice	kg CO ₂ e	44.2
Malaysia - Kuala Lumpur	kg CO ₂ e	61.6
China - Suzhou	kg CO ₂ e	105.7

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