

: B185Hx100/1P

SSP : B185H

		1	2
		R744 (Carbon Dioxide) (90.0 bar)	Propylene Glycol - Water (30.0 mass%)
		120.0	
		95.0	25.0
		30.0	45.0
		0.5251	1.542
(C H)	kPa	2.51 (50.00)	7.72 (50.00)
		3.33	1.02
		1	2
		7.42	
		16.2	
		19.5	
Overall heat transfer coefficient		1390	
* (/)		2.51	7.72
		0.402	0.286
		33.0/33.0	50.0/50.0
		49	50
		100	
		6	
		0.043	
		4123	166.5
(/)		1.37/1.37	0.768/0.768
		0.159	0.102
		4.65e-3	0.0164
		37.2	36.6
		1.3	
		27.6/53.1	27.3/51.9

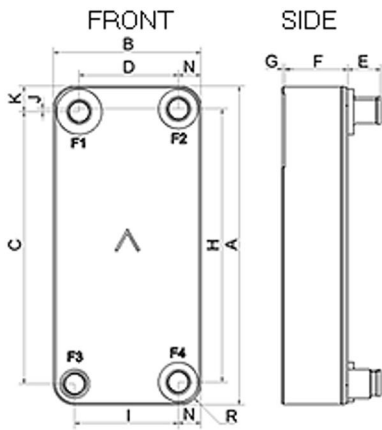
! For a desuperheater installation it is recommended to have the gas enter in the top of the BPHE, either in F1 or F2. The reason is to easily remove possible condensate from the BPHE

		1	2
		44.2	34.5
		0.0214	1.84
		227.5	1023
		2.224	3.892
		0.03285	0.4583
		2360	4980
		1	2
()*		54.99	
()*		63.42	
()		5.42	
()		5.84	
F1/P1	mm	33	
F2/P2	mm	50	



		1	2
	F3/P3	mm	33
	F4/P4	mm	50

*



A	mm	425.2 ±2
B	mm	203.2 ±1
C	mm	354 ±1
D	mm	126 ±1
E	mm	45 ±1
F	mm	218 ±3%
G	mm	0 ±1
H	mm	342 ±1
J	mm	6
K	mm	35.6
N	mm	41.6
R	mm	41.6

*

SWEP.

	Unit	Value
Sweden - Landskrona	kg CO ₂ e	283.2
USA - Tulsa	kg CO ₂ e	297.0
Slovakia - Košice	kg CO ₂ e	322.0
Malaysia - Kuala Lumpur	kg CO ₂ e	448.4
China - Suzhou	kg CO ₂ e	769.2

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