

: B185Hx120/1P

: 08/07/2025

SSP : B185H

		1	2
		R744 (Carbon Dioxide) (90.0 bar)	Propylene Glycol - Water (30.0 mass%)
		153.0	
		95.0	25.0
		30.0	45.0
		0.6695	1.965
(C H)		3.01 (50.00)	8.71 (50.00)
		3.33	1.02
		1	2
		8.93	
		17.1	
		19.5	
Overall heat transfer coefficient		1470	
- *		3.01	8.71
-		0.657	0.465
(/)		33.0/33.0	50.0/50.0
		59	60
		120	
		4	
		0.028	
		4366	176.9
(/)		1.74/1.74	0.979/0.979
		0.168	0.108
		5.19e-3	0.0182
		37.2	36.6
		1.3	
		27.6/53.2	27.4/51.8

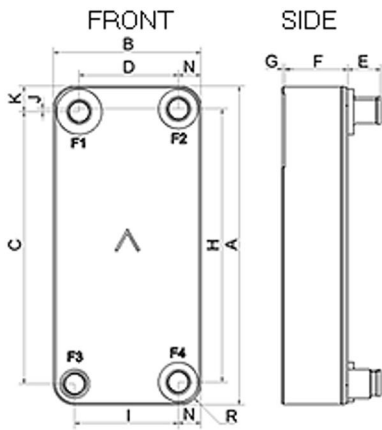
! For a desuperheater installation it is recommended to have the gas enter in the top of the BPHE, either in F1 or F2. The reason is to easily remove possible condensate from the BPHE

		1	2
		44.2	34.5
		0.0214	1.84
		227.5	1023
		2.224	3.892
		0.03285	0.4583
		2460	5170
		1	2
()*		63.72	
()*		73.85	
()		6.53	
()		7.01	
F1/P1		33	
F2/P2		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	258 ±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	328.1
USA - Tulsa	kg CO ₂ e	344.1
Slovakia - Košice	kg CO ₂ e	373.1
Malaysia - Kuala Lumpur	kg CO ₂ e	519.6
China - Suzhou	kg CO ₂ e	891.3

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