

: B18Hx120/1P

SSP : B18H

		1	2
		R744 (Carbon Dioxide) (90.0 bar)	Propylene Glycol - Water (30.0 mass%)
		66.00	
		95.0	25.0
		30.0	45.0
		0.2888	0.8478
(C H)	kPa	1.21 (50.00)	4.24 (50.00)
		3.33	1.02
		1	2
		4.84	
		13.6	
		19.5	
Overall heat transfer coefficient		1170	
* (/)		1.21	4.24
		0.445	1.69
(/)		24.0/24.0	24.0/24.0
		59	60
		120	
		4	
		0.036	
		3300	133.7
(/)		1.42/1.42	1.83/1.83
		0.127	0.0815
		1.75e-3	5.81e-3
		37.1	36.6
		1.1	
/		27.6/53.0	27.4/51.9
*			

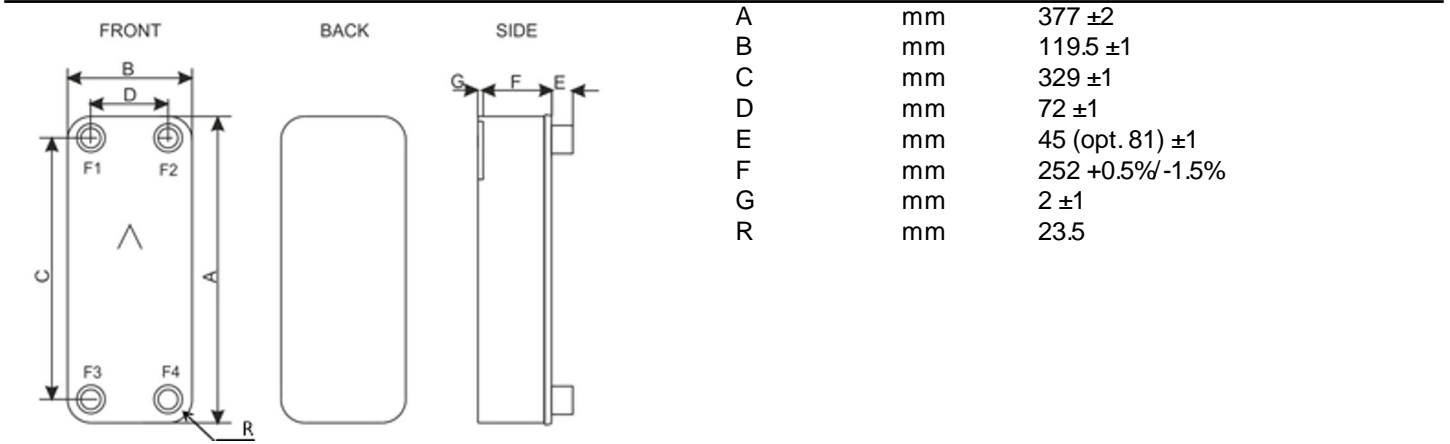
! For a desuperheater installation it is recommended to have the gas enter in the top of the BPHE, either in F1 or F2. The reason is to easily remove possible condensate from the BPHE

		1	2
		44.2	34.5
		0.0214	1.84
		227.5	1023
		2.224	3.892
		0.03285	0.4583
		1930	4100
		1	2
()*		34.1	
()*		39.47	
()		3.6	
()		3.66	
F1/P1	mm	24	
F2/P2	mm	24	



		1	2
	F3/P3	mm	24
	F4/P4	mm	24

*



A	mm	377 ±2
B	mm	119.5 ±1
C	mm	329 ±1
D	mm	72 ±1
E	mm	45 (opt. 81) ±1
F	mm	252 +0.5%/-1.5%
G	mm	2 ±1
R	mm	23.5

*

SWEP.

	Unit	Value
Sweden - Landskrona	kg CO ₂ e	175.6
USA - Tulsa	kg CO ₂ e	184.1
Slovakia - Košice	kg CO ₂ e	199.6
Malaysia - Kuala Lumpur	kg CO ₂ e	278.0
China - Suzhou	kg CO ₂ e	476.9

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