



AirCross 21

AirCross 21 is a compact CBE (Compact Brazed Exchanger) consisting of stainless steel plates brazed together with as standard copper or as an option nickel. AirCross 21 is designed to handle asymmetric flows (one side with lower flow and extremely high heat transfer coefficient and the other side with larger flow and lower pressure drop).

AirCross 21, side A, is in conformance with PED 97/23/EC, Cat. 1, Module A, Fluid Group 1.

Technical Data

Plate material:	ASTM 316 / DIN 1.4401 / SS2347
Connections / Side plates:	ASTM 304 / DIN 1.4301 / SS2333
Brazing material:	Copper or Nickel
Operating pressure at -160 to +205°C:	Version C: 0 - 16 bar / 0 - 230 psi (side A) Version N: 0 - 8 bar / 0 - 145 psi (side A)
Max. surface temperature with simultaneous cooling:	250°C (copper)



AC Modell 21	Dimensions, mm					
	A	B	C	D	E	F
	277	227	122	52	200	4 + n x 3,1 (copper) 4 + n x 3,2 (nickel) +/- 3 mm
	+/- 1,5 mm					+/- 1,5 mm
Prim. heat transfer surface / n, dm ² :						3,5
Volume/n High/Low pressure channels, l:						0,025 / 0,06
Area/n High/Low pressure channels, dm ² :						0,009 / 0,05
Weight kg :						1,4 + n x 0,1
Max n:						140
<i>n = numbers of plates</i>						
<i>2n = 1 high pressure channel + 1 low pressure channel</i>						

	Connections / Length: 22 mm	
	Threaded Outside thread	Welding Inside/Outside diam.
Size	1"	34/40 mm
Code	G-1	W-34

Product specification AirCross 21

AirCross	21	-	n	/	x	/	y	/	z
number of plates	_____								
brazing material	_____								
connections	_____								
top- and bottom plates	_____								

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