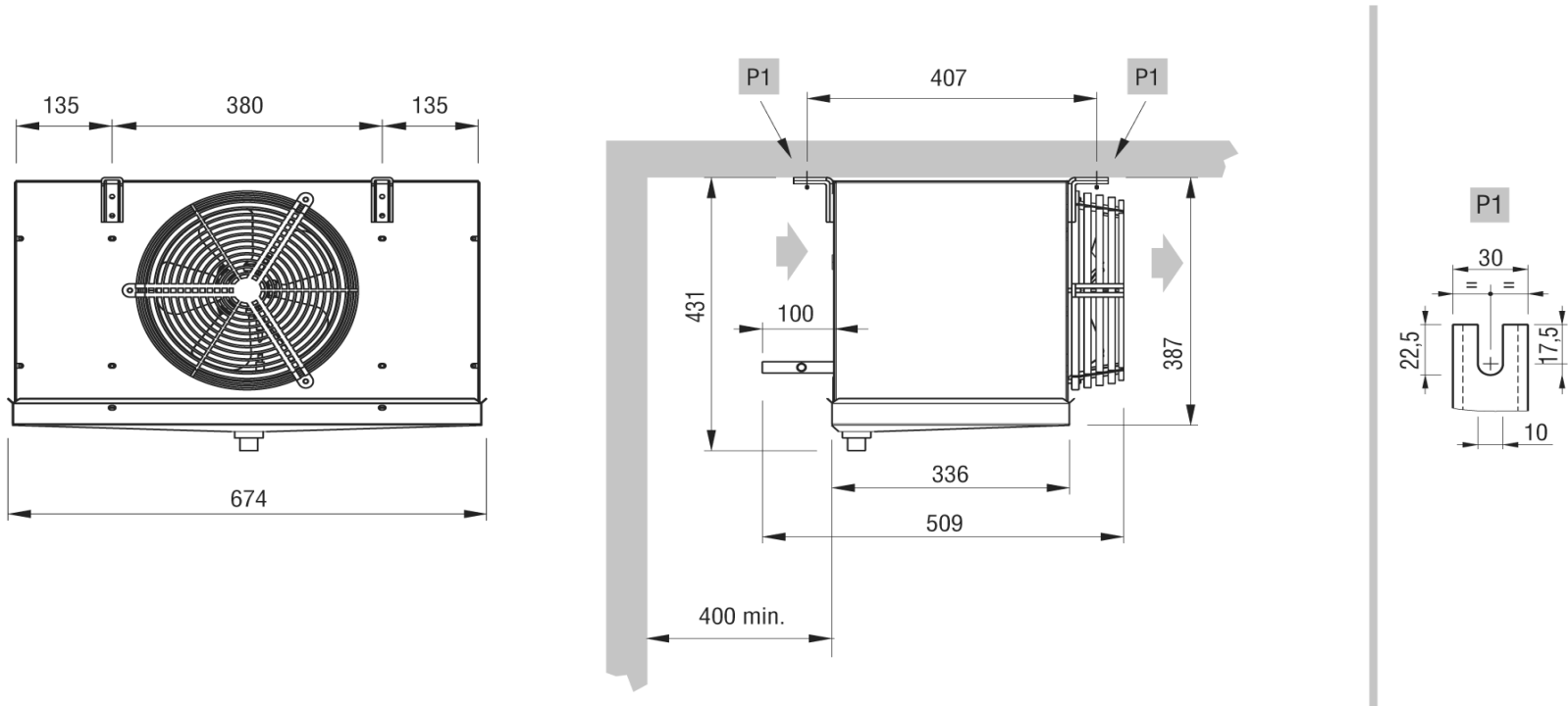


User : Annette Terney

Verification Unit cooler
31-03-2022

Inlet air temperature	[°C]	-4.0	Evaporating temperature	[°C]	-12.0
DT	[Δ°C]	8.0	Refrigerant *		CO2
Minimum number of units in room		0			
Heat exchanger	Aluminium fin		Casing		Standard
Fan motor feed	Standard		Type of fan motor		EC
Defrost	Absent				
Selected model: 1 x CGC 251E6R			EC		
Capacity	[kW]	1.07	Margin	[%]	0.0
DT	[Δ°C]	8.0	Tot. air flow	[m³/h]	753.0



Weight	kg	13.000			
				[bar]	
Internal surface	m²	0.36	External surface	m²	5.17
Inlet connection		12.7 mm	Output connection		12.7 mm
Total circuit capacity	dm³	0.9	Fin spacing	mm	6
Drain connection		1" GAS			
Fan Motors	n.	1	Diameter	mm	250
Air flow	m³/h	753	Air throw	m	9.0
Feed	V	230/1/50	Rotation speed	rpm	1300
Fan Motor	A	0.22	Absorbed power	W	26.0
Tot. Pres.S.Lev. 10 m.	dB(A)	31			



* The safety requirements for the use of refrigerants must comply with the provisions of the EN378 standards and the safety data sheets of each fluid used. The risk assessment for the use of A2L mid-flammable refrigerants shall be conducted by the user based on site requirements

EC fans: It is necessary to set these fans in order to get the required speed

EC

Heat exchanger

Aluminium fin

Casing

Standard

Fan motor feed

Standard

Type of fan motor

EC - Electronically Commutated Motor

Defrost

Absent



* The safety requirements for the use of refrigerants must comply with the provisions of the EN378 standards and the safety data sheets of each fluid used. The risk assessment for the use of A2L mid-flammable refrigerants shall be conducted by the user based on site requirements

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