

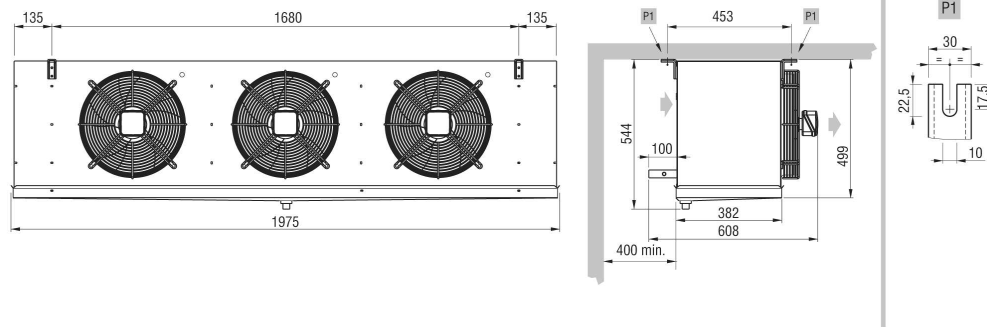


User Gustav Hellsten

2.1.0

Verification Unit cooler
15-12-2020

Inlet air temperature	[°C]	4.0	Evaporating temperature [Mid]	[°C]	-4.0
DT [Dew]	[Δ°C]	6.1	Refrigerant *		R449A
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 GCE 353A6		EC		
Capacity	[kW]	14.21	Margin	[%]	0.0
DT [Dew]	[Δ°C]	6.1	Tot. air flow	[m³/h]	7290.0



Weight	kg	60.500	PED Category		Cat I
Internal surface	m²	5.37	Design pressure PS	[bar]	30
Inlet connection		22 mm	External surface	m²	47.40
Total circuit capacity	dm³	7.9	Output connection		22 mm
Drain connection		1" GAS	Fin spacing	mm	6
Fan Motors	n.	3	Diameter	mm	350
Air flow	m³/h	7290	Air throw	m	18.0
Feed	V	230/1/50	Rotation speed	rpm	1450
Fan Motor	A	2.61	Absorbed power	W	450
Tot. Pres.S.Lev. 10 m.	dB(A)	50			



* 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



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EC**Heat exchanger**

Aluminium fin

Casing

Standard

Fan motor feed

Standard

Type of fan motor

EC - Electronically Commutated Motor

Defrost

Absent



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