Scelte SELECTION SOFTWARE

ECO™ heat transfer coolers

MODINE

User : Richard Molnar

Unit Cooler
2026. 10. 08.

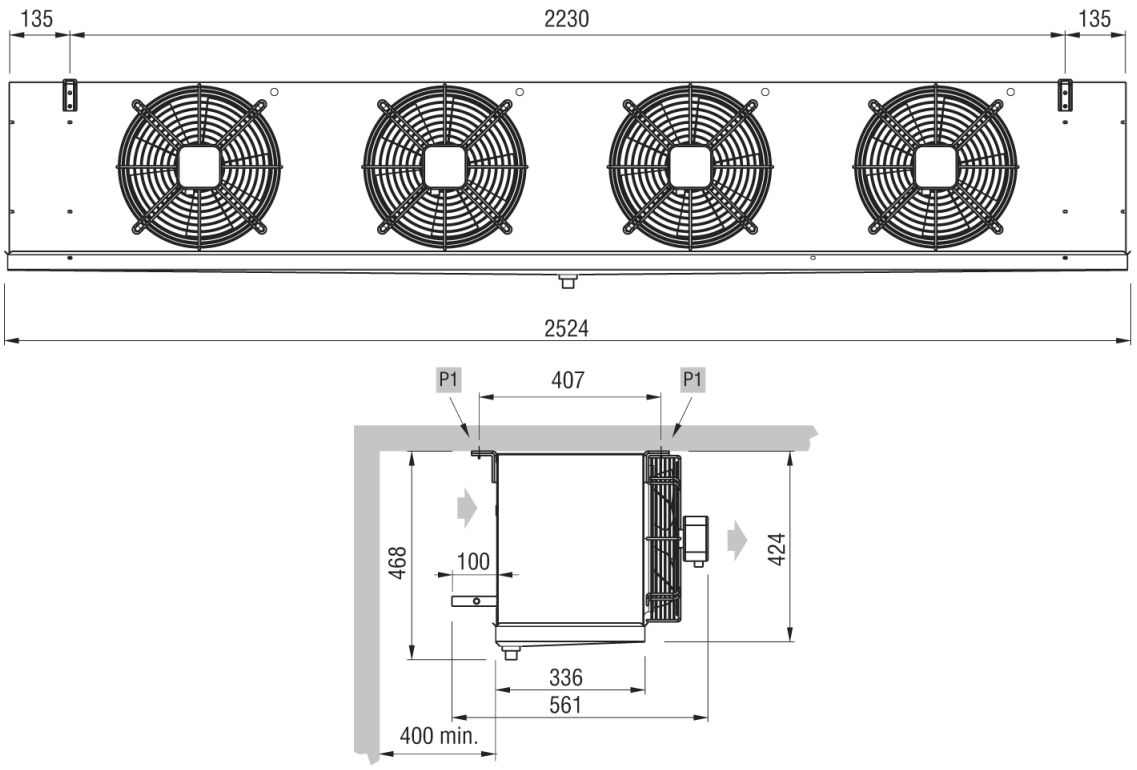
Inlet Air Temperature	[°C]	-18.00	Evaporating temperature	[°C]	-25.00
DT	[K]	7.00	Refrigerant		R404A
Minimum number of units in room		0	Altitude	[m]	0.0

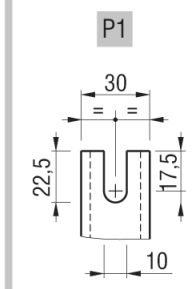
Heat exchanger	Aluminium fin	Casing	Standard
Fan motor feed	Standard	Type of fan motor	AC motors
Defrost	Electric defrosting		

Selected model:* 1 x GCE 314F6 ED

Capacity	[kW]	8.76	Margin	[%]	0.0
DT	[K]	7.0	Tot. air flow	[m³/h]	6380.0
Tot. Pres.S.Lev.	[dB(A) @[m]]	51 (5m)			

* Provide an appropriate defrosting system and number of defrost cycles





Weight	kg	58.500	PED Category		Cat I
			Design Pressure PS	[bar]	30
Internal surface	m²	5.00	External surface	m²	45.20
Inlet connection		16 mm	Output connection		28 mm
Total circuit capacity	dm³	7.3	Fin spacing	mm	6
Drain connection		1" GAS			
Defrost	ED		Electric defrosting	W	6300
Fan Motors	n.	4	Diameter	mm	315
Air flow	m³/h	6380	Air throw	m	19.0
Feed	V	230/1/50-60	Rotation speed	rpm	1350
Fan Motor	A	2.08	Absorbed power	W	440
Pres.S.Lev. 5 m.	dB(A)	51			

* 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
We shall not be liable for the performance and the quality of sold products, if fitted or connected fan motor speed regulation or control systems are different from the ones proposed or installed by us.

ED

Heat exchanger

Aluminium fin

Casing

Standard

Fan motor feed

Standard

Type of fan motor

AC motors

Defrost

ED - Electric defrosting

* 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
We shall not be liable for the performance and the quality of sold products, if fitted or connected fan motor speed regulation or control systems are different from the ones proposed or installed by us.