

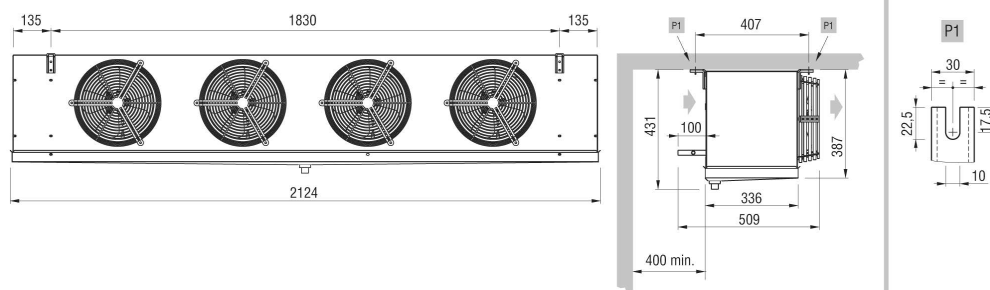


User Gustav Hellsten

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 254G6 |               | EC                            |          |          |
| Capacity                        | [ kW ]        | 4.93          | Margin                        | [ % ]    | 0.0      |
| DT [Dew]                        | [ Δ°C ]       | 6.1           | Tot. air flow                 | [ m³/h ] | 3390.0   |



|                        |       |          |                    |       |       |
|------------------------|-------|----------|--------------------|-------|-------|
| Weight                 | kg    | 35.500   | PED Category       |       | Cat I |
|                        |       |          | Design pressure PS | [bar] | 30    |
| Internal surface       | m²    | 2.20     | External surface   | m²    | 19.88 |
| Inlet connection       |       | 12 mm    | Output connection  |       | 12 mm |
| Total circuit capacity | dm³   | 3.2      | Fin spacing        | mm    | 6     |
| Drain connection       |       | 1" GAS   |                    |       |       |
| Fan Motors             | n.    | 4        | Diameter           | mm    | 250   |
| Air flow               | m³/h  | 3390     | Air throw          | m     | 14.0  |
| Feed                   | V     | 230/1/50 | Rotation speed     | rpm   | 1300  |
| Fan Motor              | A     | 0.76     | Absorbed power     | W     | 120   |
| Tot. Pres.S.Lev. 10 m. | dB(A) | 37       |                    |       |       |



\* 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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