

## Unit Cooler: CCEH303L5-AP.CR.AL-E.CB

|                            |                   |                         |          |
|----------------------------|-------------------|-------------------------|----------|
| <b>Capacity calculated</b> | 5.65 Kw           | Refrigerant (1)         | R449A    |
| Capacity request           | 5.65 Kw           | Evaporation temp. (Dew) | -27.0 °C |
| Margin                     | 0.0 %             | Superheating            | 5 K      |
| Air Flow                   | 4040 m3/h         | Condensing temp.        | 35.0 °C  |
| Air temperature IN / HR    | -20.0 / 85 °C / % | Subcooler               | 5 K      |
| Air temperature OUT / HR   | -23.4 / 94 °C / % | Frost thickness         | - mm     |
| Altitude                   | 0 m               |                         |          |

### Fan motor data (AC)

|                           |                            |                                |                |
|---------------------------|----------------------------|--------------------------------|----------------|
| Fan number                | 3 N°                       | Total power                    | 210 Watt       |
| Diameter                  | 300 mm                     | Total current                  | 0.90 A         |
| Voltage-Phase-Frequency   | 230 - 1 - 50/60 Volt/N°/Hz | Noise pressure level/Dist. (2) | 45/10 dB(A)/mt |
| Operating percentage      | 100 %                      | Noise power level              | 76 dB(A)       |
| Fan rotation speed / MAX  | 1400 rpm                   | Air throw (approximate) (3)    | 10 mt          |
| Power x 1 Fan / MAX       | 70 Watt                    | Available static pressure      | - Pa           |
| Current x 1 Fan (4) / MAX | 0.30 A                     | Energy efficiency class        | A+             |

### Technical data

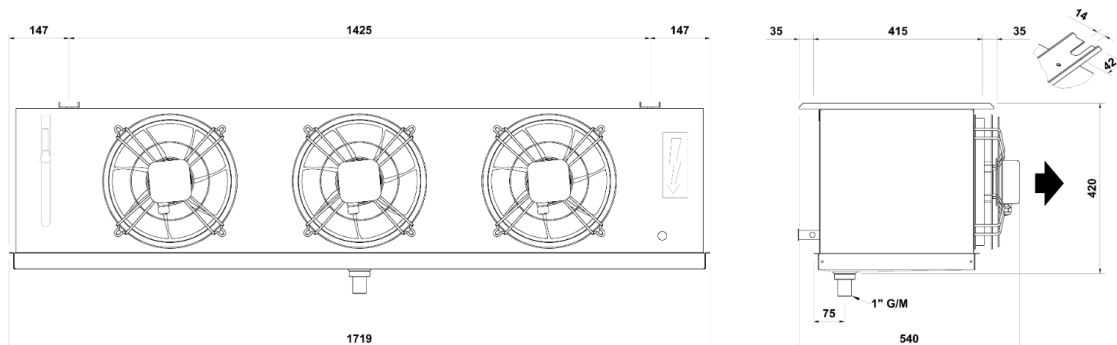
|                               |                      |                        |                  |
|-------------------------------|----------------------|------------------------|------------------|
| Casing                        | Aluminium Prepainted | Tube material          | Cross-fin Copper |
| Surface                       | 23 m2                | Fins material          | Aluminium        |
| Volume                        | 6 dm3                | Headers dimensions In  | 16 (5) mm        |
| Fin spacing                   | 8.0 mm               | Headers dimensions Out | 22 (5) mm        |
| Net weight / Gross weight (5) | 44/62 Kg             | Packaging dimensions   | 660/1795/H605 mm |
| Max. operating pressure       | 30 bar               | PED classification (6) | Art.4, Par.3     |

### Option

**E;** Electric defrost (3.88 kW)

**CB;** Wiring on terminal box

### Dimensional Drawing



- 1) Fluid group according to pressure equipment directive 2014/68/EU
- 2) According to the enveloping surface method defined in EN 13487; tolerance = +2 dB(A).
- 3) Distance at which an air velocity of 0.25 m/s can still be measured isothermally in an ideal space. The achievable penetration depth of their flow in the cold room depends on the spatial geometry and other factors.
- 4) The current consumption can differ in dependence of the air temperature and of the variations of system voltage according to the VDE guidance.
- 5) Dimensions and weights are not valid for all possible options! They may differ for units with accessories or special units.
- 6) Final classification according to pressure equipment directive 2014/68/EU during order processing.
- 7) Safety regarding refrigerants use is regulated by EN378 and EN60335-2 standards and by safety data sheet of the fluid used. A2L flammable gases require a risk assessment by user, taking into account the characteristics of the system.
- 8) When ordering, it is necessary to indicate use of flammable refrigerants. The company reserves the right to modify the product and/or validate the order.