



Unit Cooler: LTE205S4-AL.CR.AL-E

| | | | |
|----------------------------|------------------|-------------------------|---------|
| Capacity calculated | 3.81 Kw | Refrigerant (1) | R449A |
| Capacity request | 3.81 Kw | Evaporation temp. (Dew) | -8.0 °C |
| Margin | 0.0 % | Superheating | 5 K |
| Air Flow | 1160 m3/h | Condensing temp. | 35.0 °C |
| Air temperature IN / HR | 2.0 / 85 °C / % | Subcooler | 5 K |
| Air temperature OUT / HR | -4.4 / 94 °C / % | Frost thickness | - mm |
| Altitude | 0 m | | |

Fan motor data (AC)

| | | | |
|--------------------------|----------------------------|--------------------------------|----------------|
| Fan number | 2 N° | Total power | 130 Watt |
| Diameter | 250 mm | Total current | 0.90 A |
| Voltage-Phase-Frequency | 230 - 1 - 50/60 Volt/N°/Hz | Noise pressure level/Dist. (2) | 36/10 dB(A)/mt |
| Operating percentage | 100 % | Noise power level | 67 dB(A) |
| Fan rotation speed / MAX | 1300 rpm | Air throw (approximate) (3) | 5 mt |
| Power x 1 Fan / MAX | 65 Watt | Available static pressure | - Pa |
| Current x 1 Fan (4)/ MAX | 0.45 A | Energy efficiency class | C |

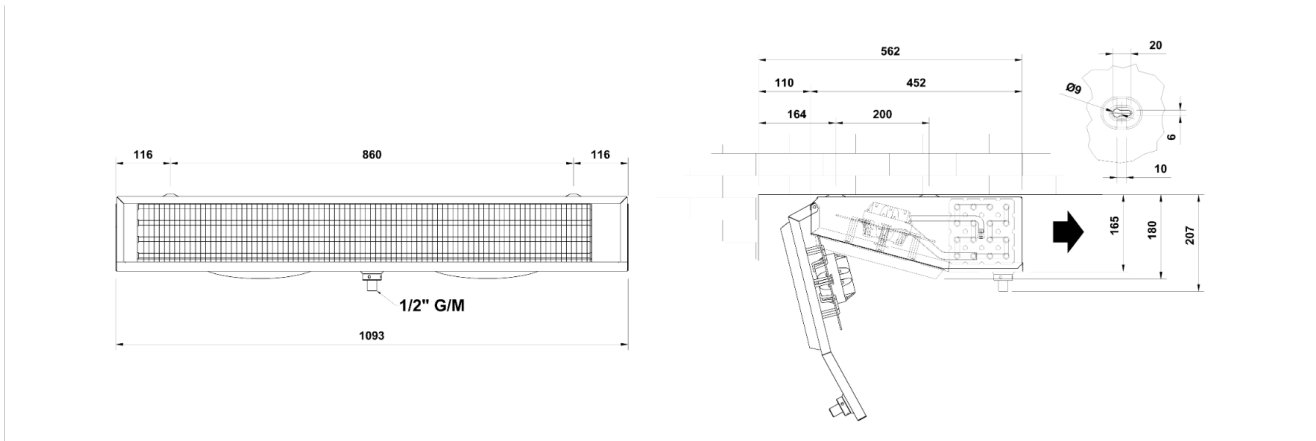
Technical data

| | | | |
|-------------------------------|-----------|------------------------|------------------|
| Casing | Aluminium | Tube material | Cross-fin Copper |
| Surface | 10 m2 | Fins material | Aluminium |
| Volume | 1 dm3 | Headers dimensions In | 10 (1) mm |
| Fin spacing | 4.0 mm | Headers dimensions Out | 10 (1) mm |
| Net weight / Gross weight (5) | 12/14 Kg | Packaging dimensions | 475/197/H1115 mm |
| Max. operating pressure | 30 bar | PED classification (6) | Art.4, Par.3 |

Option

E; Electric defrost (0.74 kW)

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.