



## Ceiling-mounted monobloc units



### GENERAL DESCRIPTION

#### Pre-charged units

Equipped with hermetic reciprocating compressor and refrigerant charge R455A (A2L – GWP 148)

#### Wide application range

Developed to work at wide external temperatures range (min temp +10°C , max temp +43°C). Equipped with condenser fan/s pressure switch (fixed set). Set point from +5°C to -5°C for MT units and set point from -18°C to -25°C for LT units.

#### Easy installation

Installation through a hole on the roof of the cold room.

Equipped with the drain heater and the pipe to remove condensate water.

#### “Plug and play” solution

Equipped with the electronic card and the remote keyboard, a pre-arranged door switch cable, a pre-arranged room light cable, a pre-arranged door heater cable (for LT units only)



## TECHNICAL DATA

### Model: CMB210

| GENERAL DATA       |    |          |
|--------------------|----|----------|
| Compressor power   | cc | 34,50    |
| Compressor type    |    | Hermetic |
| Refrigerant charge |    | R455A    |
| Defrost system     |    | Hot gas  |

| ELECTRICAL DATA       |         |          |
|-----------------------|---------|----------|
| Voltage               | V/ph/Hz | 230/1/50 |
| Max power input       | W       | 1539     |
| Max operating current | A       | 8,05     |

| CONDENSER     |                   |           |
|---------------|-------------------|-----------|
| Fan           | n. x Ø            | 2 x 254mm |
| Air flow rate | m <sup>3</sup> /h | 1600      |
| EVAPORATOR    |                   |           |
| Fan           | n. x Ø            | 2 x 200mm |
| Air flow rate | m <sup>3</sup> /h | 820       |
| Air thrown    | m                 | 5         |

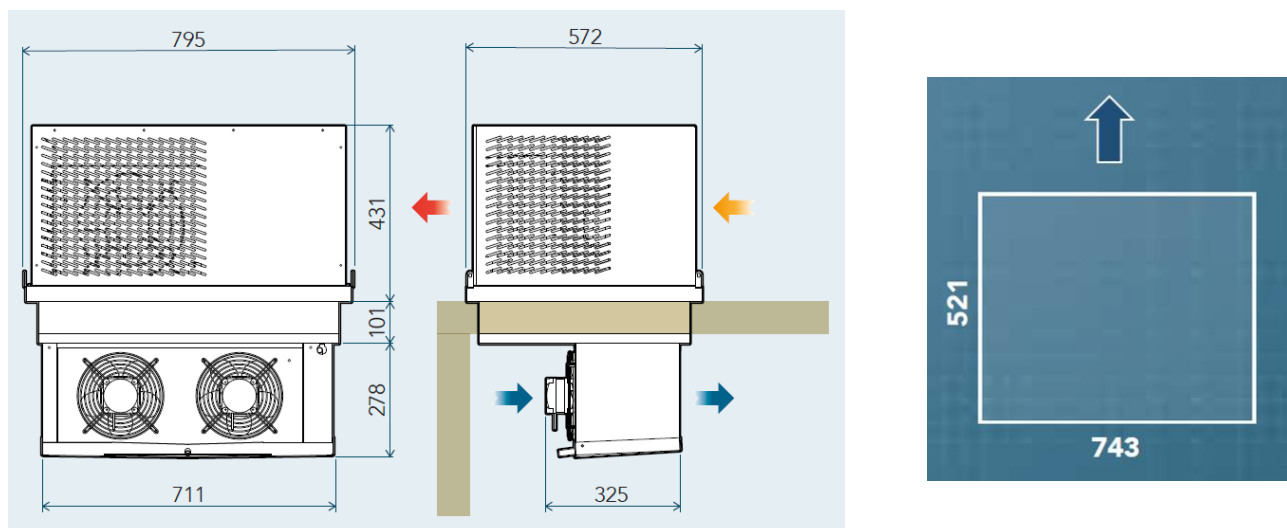
| WEIGHT and DIMENSIONS |      |              |
|-----------------------|------|--------------|
| Dimensions            | Ref. | Fig. 2       |
| Net Weight            | kg   | 73           |
| Gross Weight          | kg   | 94           |
| Packing               |      | Wooden crate |

### Cooling capacity

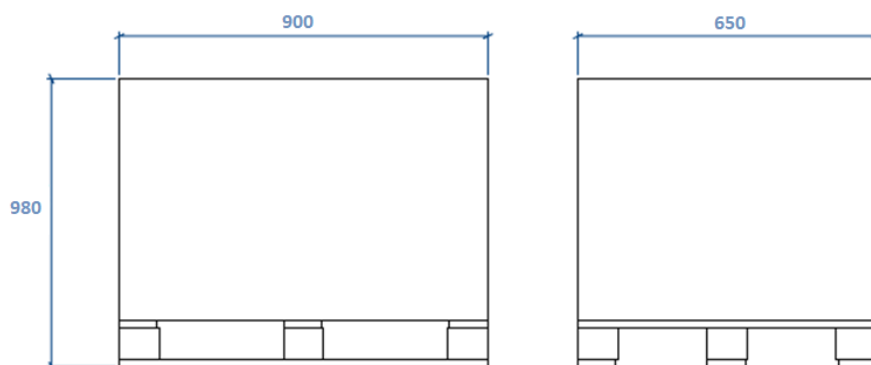
| Ext. Temp. | Room Temp. |                | *    |
|------------|------------|----------------|------|
| 25°C       | -18 °C     | W              | 1230 |
|            |            | m <sup>3</sup> | 12,6 |
|            | -20 °C     | W              | 1170 |
|            |            | m <sup>3</sup> | 11,7 |
|            | -25 °C     | W              | 978  |
|            |            | m <sup>3</sup> | 7,3  |
| 32 °C      | -18 °C     | W              | 1150 |
|            |            | m <sup>3</sup> | 9,1  |
|            | -20 °C     | W              | 1070 |
|            |            | m <sup>3</sup> | 8,3  |
|            | -25 °C     | W              | 900  |
|            |            | m <sup>3</sup> | 5,9  |
| 43 °C      | -18 °C     | W              | 983  |
|            |            | m <sup>3</sup> | 6,2  |
|            | -20 °C     | W              | 873  |
|            |            | m <sup>3</sup> | 4,8  |
|            | -25 °C     | W              | 716  |
|            |            | m <sup>3</sup> | 3,4  |

\*Suggested m3 Volume for cold rooms with 100mm wall thickness and insulated floor

## Installation



## Shipment information



## Additional Options

- Crankcase heater (up to -10°C ext.temp)
- Water-cooled condenser (with pressure valve)
- WI-FI connection to a remote monitoring system
- Cataphoresis protection on condenser and evaporator coils
- Special voltage (please contact our Engineering department)
- RS485 serial interface