



## Wall-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

Straddle mounted installation, additional option with panel kit to be installed through the wall. Equipped with the drain heater and automatic system to remove condensate water)

#### “Plug and play” solution

Equipped with the electronic controller (with RS485 serial output), 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: ACB220

| GENERAL DATA       |    |          |
|--------------------|----|----------|
| Displacement       | cc | 54,30    |
| Compressor type    |    | Hermetic |
| Refrigerant charge |    | R455A    |
| Defrost system     |    | Hot gas  |

| ELECTRICAL DATA       |         |          |
|-----------------------|---------|----------|
| Voltage               | V/ph/Hz | 400/3/50 |
| Max power input       | W       | 2074     |
| Max operating current | A       | 4,64     |

| CONDENSER     |        |           |
|---------------|--------|-----------|
| Fan           | n. x Ø | 2 x 254mm |
| Air flow rate | m³/h   | 1600      |
| EVAPORATOR    |        |           |
| Fan           | n. x Ø | 2 x 200mm |
| Air flow rate | m³/h   | 820       |
| Air thrown    | m      | 5         |

| WEIGHT and DIMENSIONS |      |            |
|-----------------------|------|------------|
| Dimensions            | Ref. | Fig. 2     |
| Net Weight            | kg   | 83         |
| Gross Weight          | kg   | 95         |
| Packing               |      | Carton box |

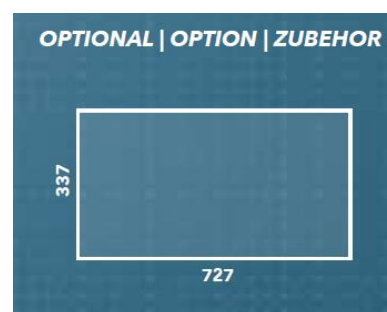
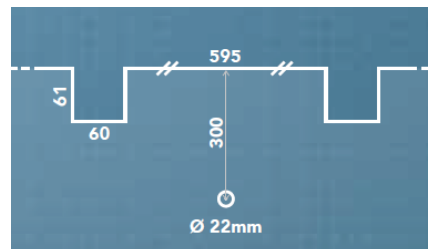
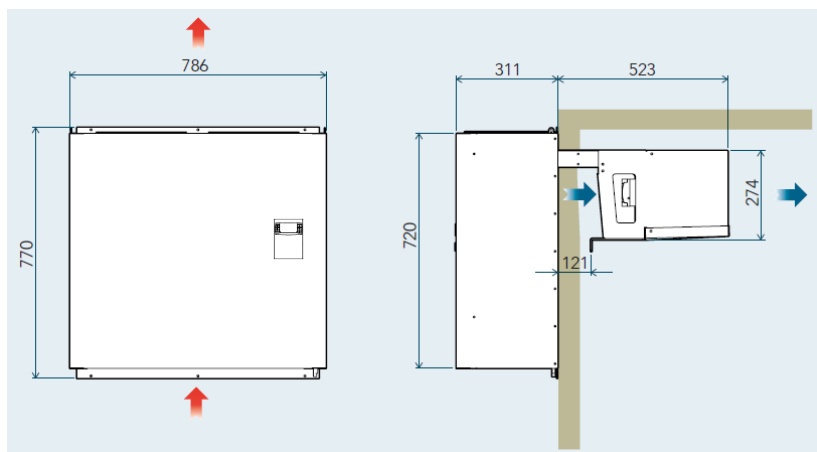
## Cooling capacity

| Ext. Temp. | Room Temp. |    | *    |
|------------|------------|----|------|
| 25 °C      | -18 °C     | W  | 1610 |
|            |            | m³ | 14,2 |
|            | -20 °C     | W  | 1470 |
|            |            | m³ | 13,2 |
|            | -25 °C     | W  | 1250 |
|            |            | m³ | 8,7  |
| 32 °C      | -18 °C     | W  | 1427 |
|            |            | m³ | 10,7 |
|            | -20 °C     | W  | 1310 |
|            |            | m³ | 10,0 |
|            | -25 °C     | W  | 1106 |
|            |            | m³ | 7,4  |
| 43 °C      | -18 °C     | W  | 1230 |
|            |            | m³ | 8,5  |
|            | -20 °C     | W  | 1116 |
|            |            | m³ | 7,4  |
|            | -25 °C     | W  | 894  |
|            |            | m³ | 4,5  |

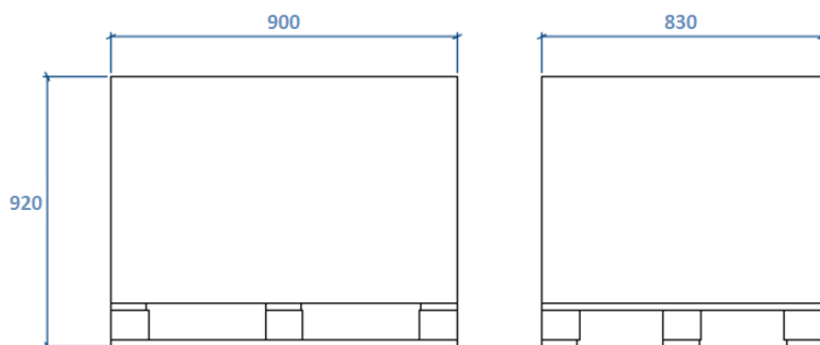
\*Suggested m3 Volume for cold rooms with 100mm wall thickness and insulated floor



## Installation



## Shipment information



## Additional Options

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