



## Outdoor 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) and compressor crankcase heater.

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

Including 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: ACN151ES

| GENERAL DATA       |    |          |
|--------------------|----|----------|
| Displacement       | cc | 34,45    |
| Compressor type    |    | Hermetic |
| Refrigerant charge |    | R455A    |
| Defrost system     |    | Hot gas  |

| ELECTRICAL DATA       |         |          |
|-----------------------|---------|----------|
| Voltage               | V/ph/Hz | 400/3/50 |
| Max power input       | W       | 2032     |
| Max operating current | A       | 4,47     |

| CONDENSER     |        |           |
|---------------|--------|-----------|
| Fan           | n. x Ø | 1 x 300mm |
| Air flow rate | m³/h   | 1700      |
| EVAPORATOR    |        |           |
| Fan           | n. x Ø | 1 x 300mm |
| Air flow rate | m³/h   | 1600      |
| Air thrown    | m      | 7,5       |

| WEIGHT and DIMENSIONS |      |              |
|-----------------------|------|--------------|
| Dimensions            | Ref. | Fig. 3       |
| Net Weight            | kg   | 83           |
| Gross Weight          | kg   | 125          |
| Packing               |      | Wooden crate |

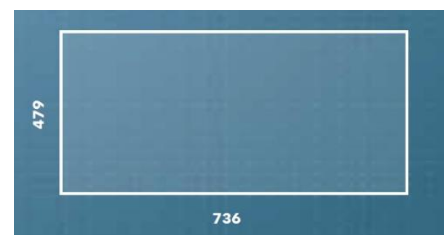
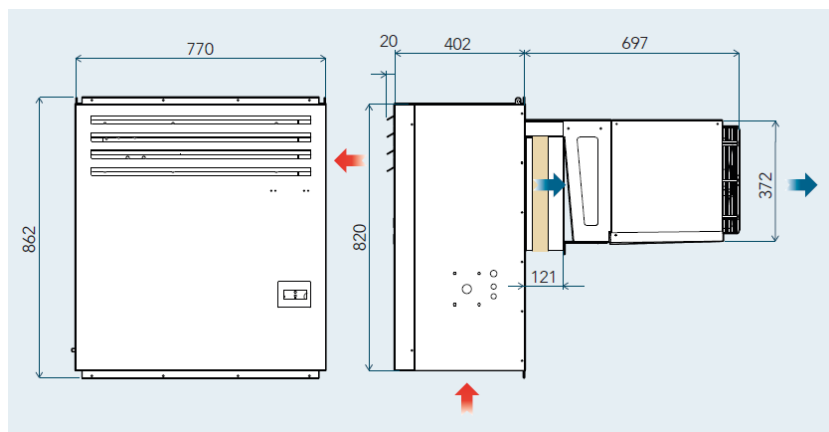
## Cooling capacity

| Ext. Temp. | Room Temp. |    | *    |
|------------|------------|----|------|
| 25°C       | +5 °C      | W  | 3270 |
|            |            | m³ | 38,4 |
|            | 0 °C       | W  | 2820 |
|            |            | m³ | 30,4 |
|            | -5 °C      | W  | 2365 |
|            |            | m³ | 23,6 |
| 32 °C      | +5 °C      | W  | 2970 |
|            |            | m³ | 32,9 |
|            | 0 °C       | W  | 2578 |
|            |            | m³ | 26,8 |
|            | -5 °C      | W  | 2235 |
|            |            | m³ | 21,9 |
| 43 °C      | +5 °C      | W  | 2483 |
|            |            | m³ | 24,3 |
|            | 0 °C       | W  | 2130 |
|            |            | m³ | 20,0 |
|            | -5 °C      | W  | 1780 |
|            |            | m³ | 14,6 |

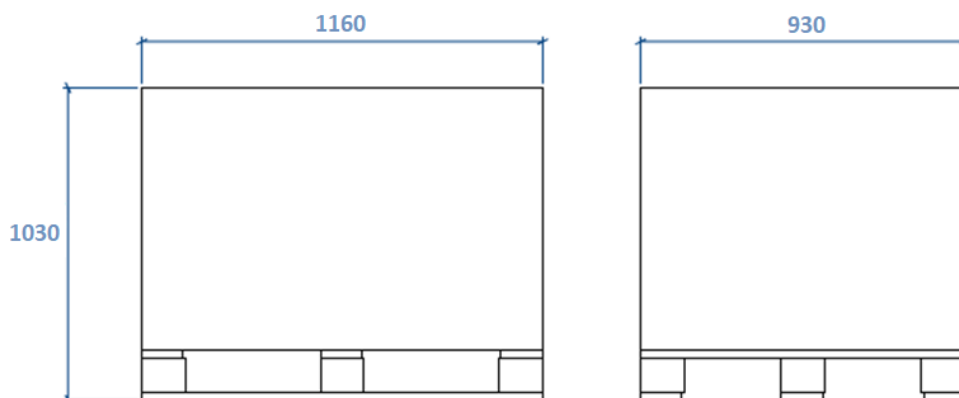
\*Suggested m3 Volume for cold rooms with 80mm wall thickness and insulated floor



## Installation



## Shipment information



## Additional Options

- WI-FI connection to a remote monitoring system
- Cataphoresis protection on condenser and evaporator coils
- Special voltage (please contact our Engineering department)