



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: ACB220ES

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	118
Packing		Wooden crate

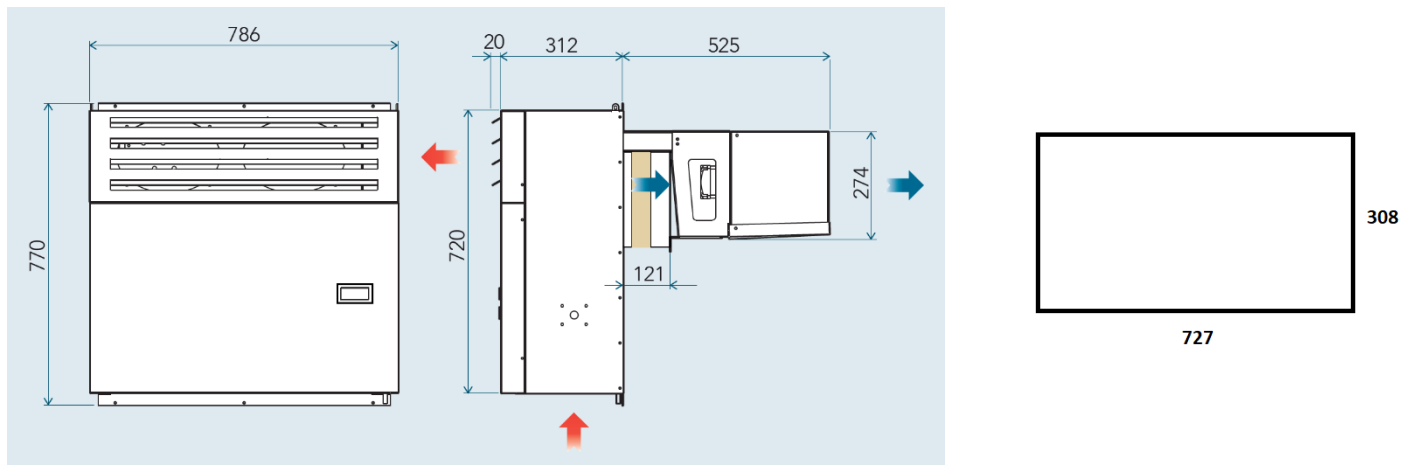
Cooling capacity

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

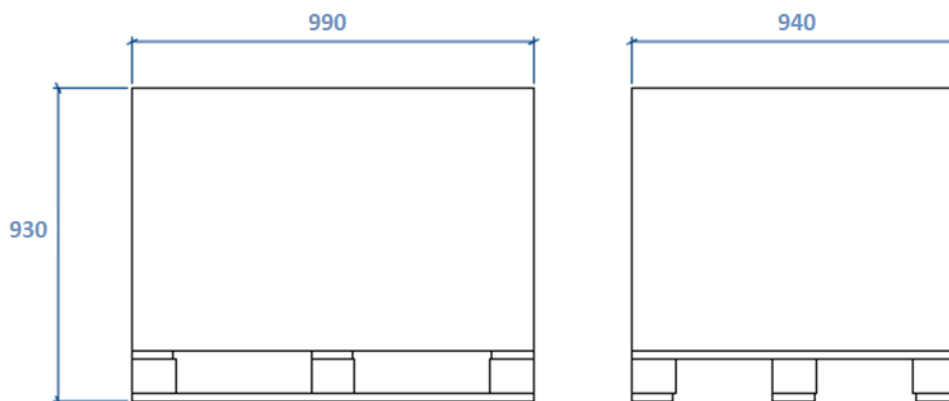
*Suggested m3 Volume for cold rooms with 100mm wall thickness and insulated floor



Installation



Shipment information



Additional Options

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