



Ceiling-mounted monobloc units



GENERAL DESCRIPTION

Pre-charged units

Equipped with hermetic reciprocating compressor and refrigerant charge R290 (A3 – GWP 3)

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 automatic system 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: ECK220

GENERAL DATA		
Compressor power	cc	37,88
Compressor type		Hermetic
Refrigerant charge		R290
Defrost system		Hot gas

ELECTRICAL DATA		
Voltage	V/ph/Hz	400/3/50
Max power input	W	1652
Max operating current	A	4,06

CONDENSER		
Fan	n. x Ø	2 x 254mm
Air flow rate	m³/h	1600
EVAPORATOR		
Fan	n. x Ø	2 x 254mm
Air flow rate	m³/h	1300
Air thrown	m	6

WEIGHT and DIMENSIONS		
Dimensions	Ref.	Fig. 2
Net Weight	kg	105
Gross Weight	kg	145
Packing		Wooden crate

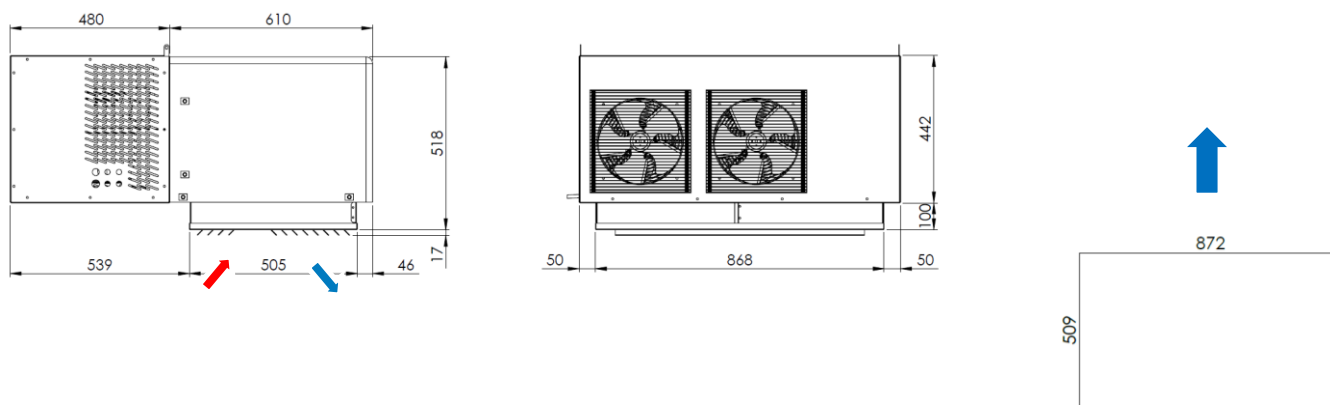
Cooling capacity

Ext. Temp.	Room Temp.		*
25 °C	-18 °C	W	1553
		m³	13,9
	-20 °C	W	1471
		m³	13,2
	-25 °C	W	1231
		m³	8,6
32 °C	-18 °C	W	1447
		m³	10,6
	-20 °C	W	1355
		m³	10,1
	-25 °C	W	1129
		m³	7,5
43 °C	-18 °C	W	1248
		m³	8,5
	-20 °C	W	1170
		m³	7,5
	-25 °C	W	978
		m³	5,8

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

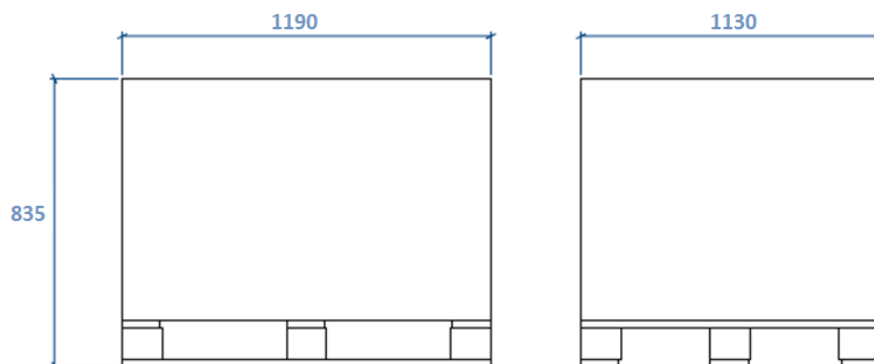


Installation



MOUNTING

Shipment information



Additional Options

- Water-cooled condenser (with pressure valve)
- Cataphoresis protection on evaporator coil
- Special voltage (please contact our Engineering department)
- RS485 serial interface