



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: ECR228

GENERAL DATA		
Compressor power	cc	2x 14,28
Compressor type		Hermetic
Refrigerant charge		R290
Defrost system		Hot gas

ELECTRICAL DATA		
Voltage	V/ph/Hz	230/1/50
Max power input	W	1602
Max operating current	A	9,30

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	91
Gross Weight	kg	123
Packing		Wooden crate

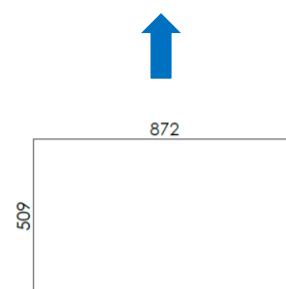
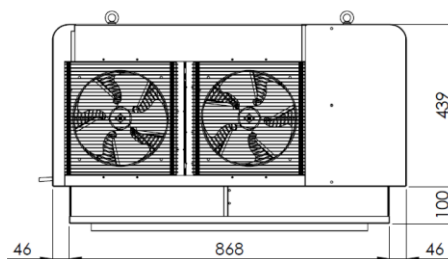
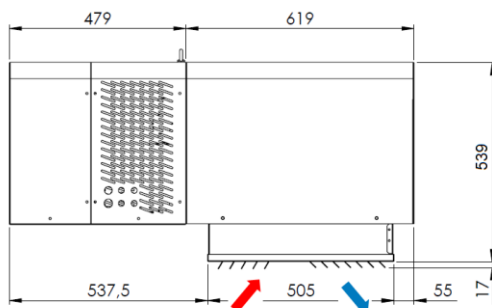
Cooling capacity

Ext. Temp.	Room Temp.		*
25°C	+5 °C	W	2898
		m³	34,0
	0 °C	W	2544
		m³	26,2
	-5 °C	W	2152
		m³	18,5
32 °C	+5 °C	W	2646
		m³	29,1
	0 °C	W	2356
		m³	22,3
	-5 °C	W	2016
		m³	16,9
43 °C	+5 °C	W	2382
		m³	23,5
	0 °C	W	2058
		m³	17,6
	-5 °C	W	1736
		m³	14,3

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

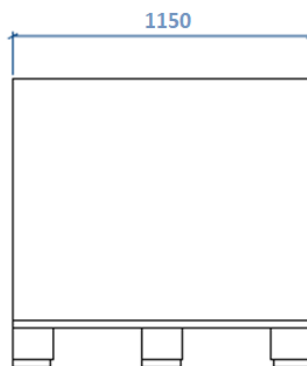
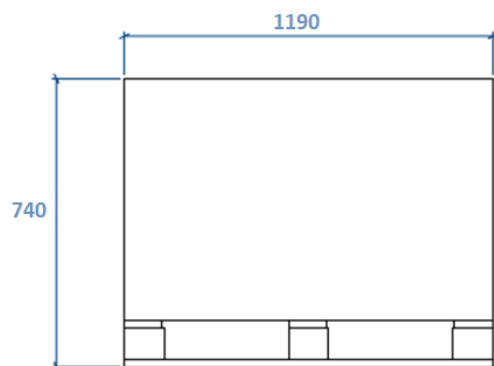


Installation



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