



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: ECR242

GENERAL DATA		
Compressor power	cc	2x 21,02
Compressor type		Hermetic
Refrigerant charge		R290
Defrost system		Hot gas

ELECTRICAL DATA		
Voltage	V/ph/Hz	230/1/50
Max power input	W	2388
Max operating current	A	11,90

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

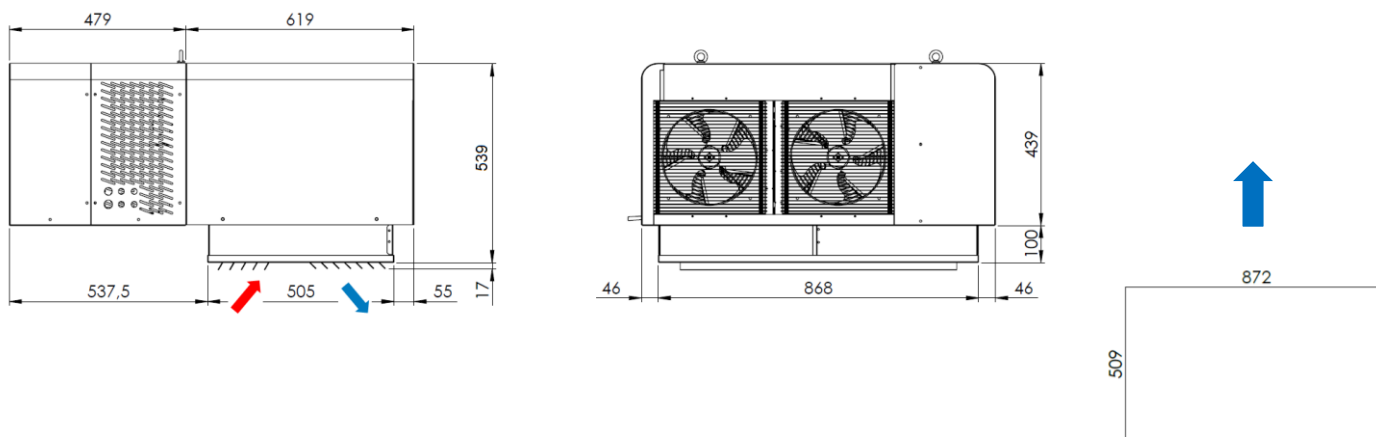
Cooling capacity

Ext. Temp.	Room Temp.		*
25°C	+5 °C	W	3996
		m³	44,7
	0 °C	W	3440
		m³	40,5
	-5 °C	W	2900
		m³	30,3
32 °C	+5 °C	W	3664
		m³	40,6
	0 °C	W	3148
		m³	34,6
	-5 °C	W	2744
		m³	27,6
43 °C	+5 °C	W	3148
		m³	31,8
	0 °C	W	2788
		m³	25,3
	-5 °C	W	2438
		m³	23,9

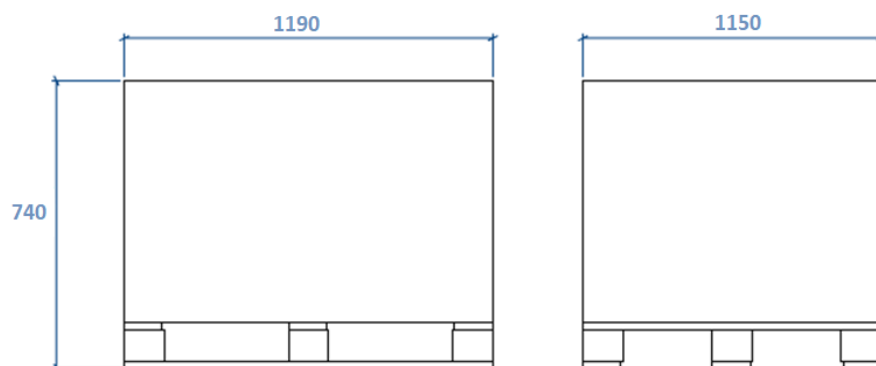
*Suggested m3 Volume for cold rooms with 80mm wall thickness and insulated floor



Installation



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