



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: ECK255

GENERAL DATA		
Compressor power	cc	2x 27,80
Compressor type		Hermetic
Refrigerant charge		R290
Defrost system		Hot gas

ELECTRICAL DATA		
Voltage	V/ph/Hz	230/1/50
Max power input	W	2392
Max operating current	A	12,36

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

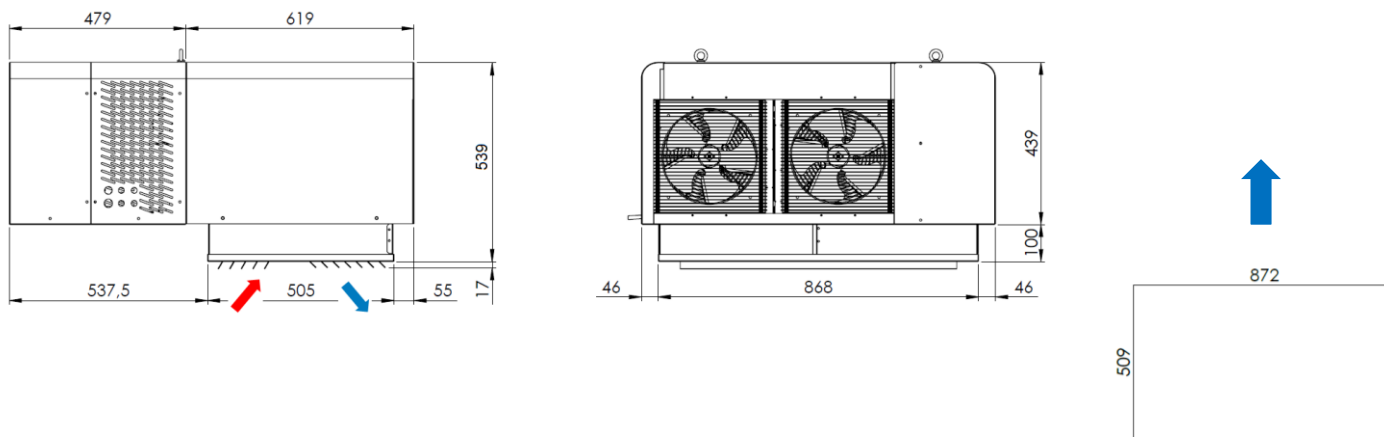
WEIGHT and DIMENSIONS		
Dimensions	Ref.	Fig. 2
Net Weight	kg	105
Gross Weight	kg	137
Packing		Wooden crate

Cooling capacity

Ext. Temp.	Room Temp.		*
25 °C	-18 °C	W	2344
		m³	30,1
	-20 °C	W	2214
		m³	27,3
	-25 °C	W	1894
		m³	17,7
32 °C	-18 °C	W	2190
		m³	24,9
	-20 °C	W	2062
		m³	23,4
	-25 °C	W	1748
		m³	13,7
43 °C	-18 °C	W	1916
		m³	19,1
	-20 °C	W	1804
		m³	14,5
	-25 °C	W	1518
		m³	9,9

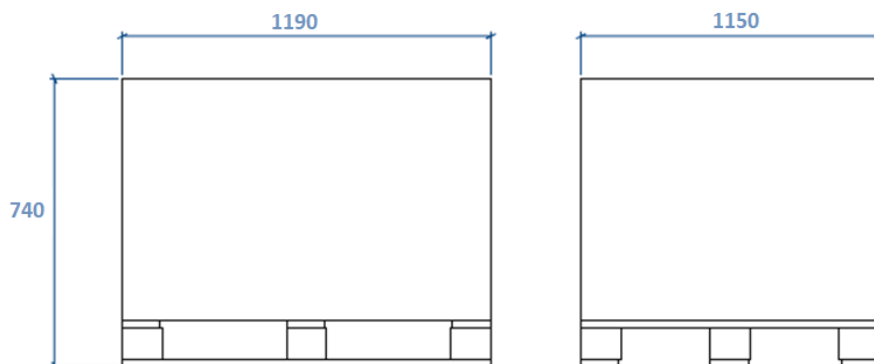
*Suggested m3 Volume for cold rooms with 100mm wall thickness and insulated floor

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