



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 the pipe 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: CMR100

GENERAL DATA		
Compressor power	cc	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	1410
Max operating current	A	6,53

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	65
Gross Weight	kg	86
Packing		Wooden crate

Cooling capacity

Ext. Temp.	Room Temp.		*
25°C	+5 °C	W	2201
		m³	21,9
	0 °C	W	1855
		m³	18,4
	-5 °C	W	1565
		m³	13,0
32 °C	+5 °C	W	1953
		m³	17,8
	0 °C	W	1629
		m³	14,9
	-5 °C	W	1381
		m³	10,8
43 °C	+5 °C	W	1660
		m³	13,5
	0 °C	W	1357
		m³	9,0
	-5 °C	W	1173
		m³	7,0

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



- Water-cooled condenser (with pressure valve)
- WI-FI connection to a remote monitoring system
- Cataphoresis protection on evaporator coil
- Special voltage (please contact our Engineering department)
- RS485 serial interface