



Wall-mounted monobloc units



General description

Pre-charged units

Equipped with hermetic reciprocating compressor and refrigerant charge R455A (A2L – GWP 148)

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

Straddle mounted installation, additional option with panel kit to be installed through the wall. Equipped with the drain heater and automatic system to remove condensate water)

“Plug and play” solution

Equipped with the electronic controller (with RS485 serial output), 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: ACN100

GENERAL DATA		
Displacement	cc	24,20
Compressor type		Hermetic
Refrigerant charge		R455A
Defrost system		Hot gas

ELECTRICAL DATA		
Voltage	V/ph/Hz	230/1/50
Max power input	W	1369
Max operating current	A	7,18

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	73
Gross Weight	kg	85
Packing		Carton box

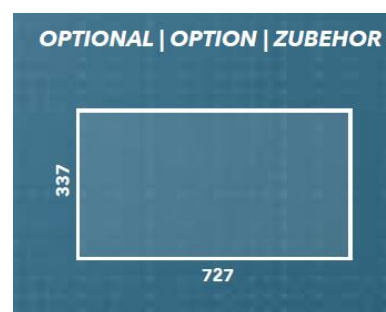
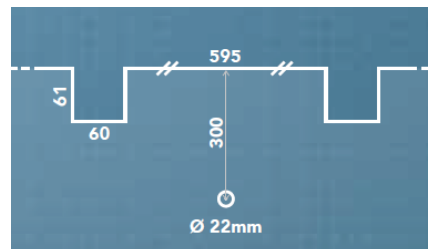
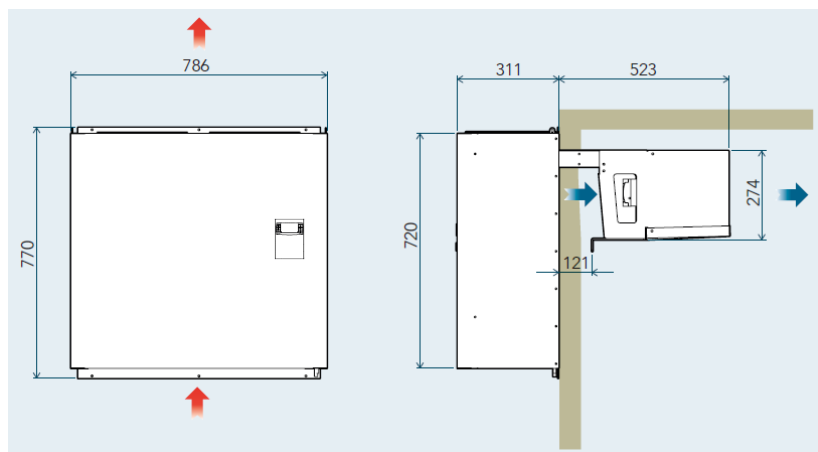
Cooling capacity

Ext. Temp.	Room Temp.		*
25°C	+5 °C	W	2232
		m³	21,9
	0 °C	W	1925
		m³	18,9
	-5 °C	W	1595
		m³	13,1
32 °C	+5 °C	W	2085
		m³	18,0
	0 °C	W	1726
		m³	15,1
	-5 °C	W	1406
		m³	11,0
43 °C	+5 °C	W	1850
		m³	16,1
	0 °C	W	1430
		m³	12,3
	-5 °C	W	1250
		m³	8,1

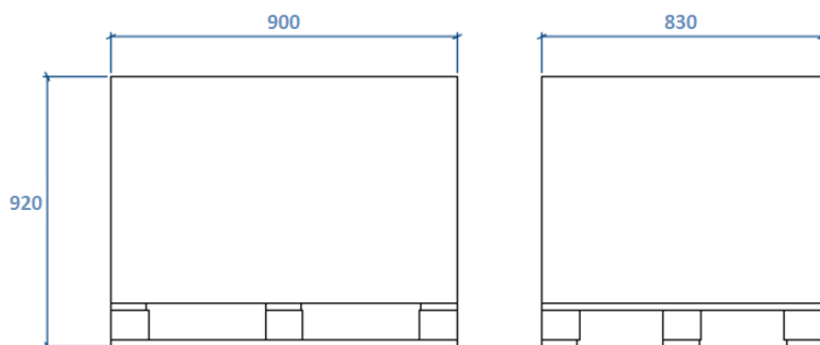
*Suggested m3 Volume for cold rooms with 80mm wall thickness and insulated floor



Installation



Shipment information



Additional Options

- Crankcase heater (up to -10°C ext.temp)
- Water-cooled condenser (with pressure valve)
- Panel kit (through the wall installation)
- WI-FI connection to a remote monitoring system
- Cataphoresis protection on condenser and evaporator coils
- Special voltage (please contact our Engineering department)