

door intarblock



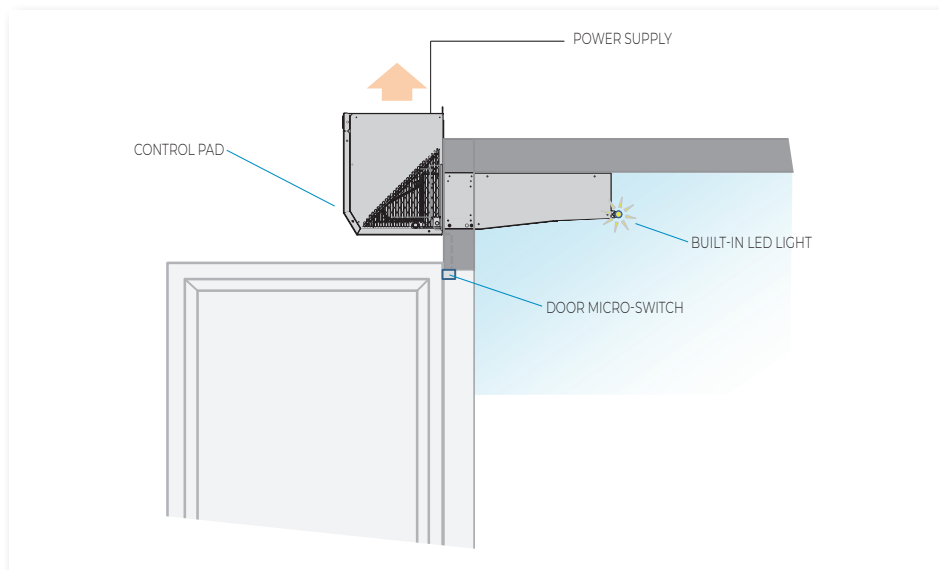
R-290 self-contained slim monoblock units for small cold rooms for refrigeration and freezing, for assembly in the door panel of the cold room.

FEATURES

R-290 refrigerant charge.	■
Hermetic reciprocating compressor.	■
High and low pressure switch.	■
Thermostatic expansion valve.	■
MCB protection.	■
Hot gas defrost.	■
Stainless steel drain pan.	■
Evaporation of condensed water.	■
Cold room LED light and door micro-switch.	■
Multifunction electronic control.	■
Evaporator coil epoxy anti-corrosion treatment.	□
Condenser coil polyurethane anti-corrosion treatment.	□

■ As standard □ Optional

INSTALLATION SCHEME



Installation example



Built-in cold room LED light

High efficiency cold room LED light, built-in in the unit that is automatically activated when the cold room door is opened.

Electronic control

XW60LH, electronic control, as standard on our door intarblock units, is an advanced small size controller, which includes the following functions:



- ▶ Temperature control with maximum and minimum temperature value recording.
- ▶ Quick cooling function Jet Cool.
- ▶ Night operation mode.
- ▶ Energy Saving function.
- ▶ 4 output relays for: compressor, fan, defrost and light.
- ▶ 3 temperature NTC probes for cold room, defrost and condensation.

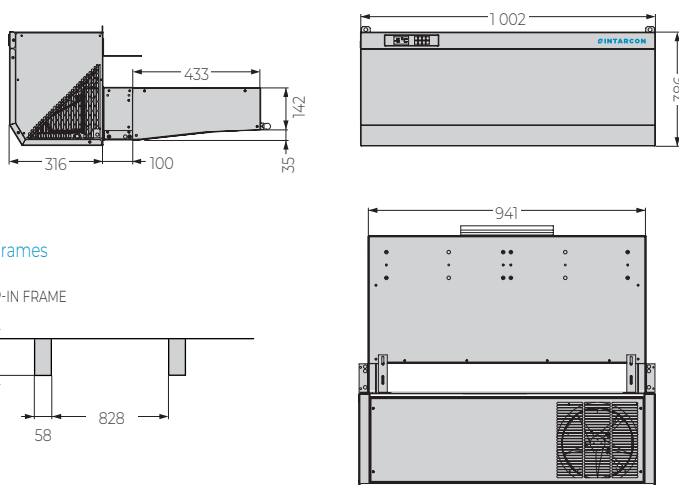
230V I+N ~ 50Hz | Positive temperature | Hermetic compressor | R-290

Refrigerant	Series / Model	Power supply	Compressor (HP)	Cooling capacity / Cold room volume, according to cold room temperature ⁽¹⁾						Input power (W)	Max. current (A)	Evap. air flow (m³/h)	Refrig. charge (g) ⁽²⁾	Weight (kg)	SPL dB(A) ⁽³⁾	Price (€)
				0 °C		5 °C		10 °C								
				W	m³	W	m³	W	m³							
R-290	MCP-ND-0009A	230V I+N ~ 50Hz	1/3	640	6	810	8	945	13	340	3,1	275	<100	61	29	
	MCP-ND-1012A	230V I+N ~ 50Hz	1/2	969	9	1 235	15	1 430	27	520	4,3	550	<100	67	29	
	MCP-ND-1017A	230V I+N ~ 50Hz	3/4	1 209	14	1 530	20	1 765	35	720	4,5	550	<100	67	31	

230V I+N ~ 50Hz | Negative temperature | Hermetic compressor | R-290

Refrigerant	Series / Model	Power supply	Compressor (HP)	Cooling capacity / Cold room volume, according to cold room temperature ⁽¹⁾						Input power (W)	Max. current (A)	Evap. air flow (m³/h)	Refrig. charge (g) ⁽²⁾	Weight (kg)	SPL dB(A) ⁽³⁾	Price (€)
				-25 °C		-20 °C		-15 °C								
				W	m³	W	m³	W	m³							
R-290	BCP-ND-0014A	230V I+N ~ 50Hz	3/4	420	1	464	2,5	590	5	300	3,3	275	<100	62	29	
	BCP-ND-1017A	230V I+N ~ 50Hz	3/4	575	2	639	6	825	9	340	4,3	550	<170	67	29	
	BCP-ND-1028A	230V I+N ~ 50Hz	1 1/4	750	4	833	9	1 070	15	640	6,0	550	<150	74	31	

DIMENSIONS



Mounting frames

DROP-IN FRAME

Dimensions in mm.

⁽¹⁾ Nominal performances refer to operation with cold room temperatures of 0 °C (PT) and -20 °C (NT), ambient temperature of 35 °C. Estimated cold room volume according to conditions of the calculation bases (page 12).

⁽²⁾ A3 refrigerant charge below 500 g, simplified compliance with EN378.

⁽³⁾ Condenser sound pressure level, with directivity 1, measured at 10 m from the unit (non-binding value calculated from sound power).

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REFRIGERATION CALCULATION SOFTWARE

