



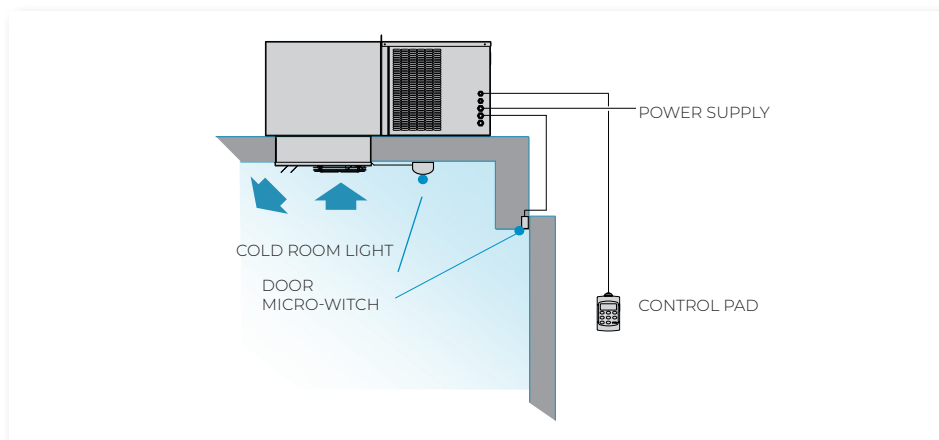
Self-contained slim monoblock units for small cold rooms for refrigeration and freezing, for ceiling panel installation.

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 micro-switch.	
Evaporator case made in sandwich panel, with 50 mm polyurethane insulation, internally covered in steel sheet.	
Multifunction electronic control.	
Evaporator coil epoxy anti-corrosion treatment.	 + 6 %
Condenser coil polyurethane anti-corrosion treatment.	 + 4 %

 As standard  Optional

INSTALLATION SCHEME



Installation example



Electronic control

XW270K electronic control, as standard on our intartop commercial monoblock units, is an advanced small size controller, which includes the following functions:



- ▶ Multi-function remote digital control.
- ▶ Temperature control with maximum and minimum temperature value recording.
- ▶ Quick cooling function Jet Cool.
- ▶ Night operation mode.

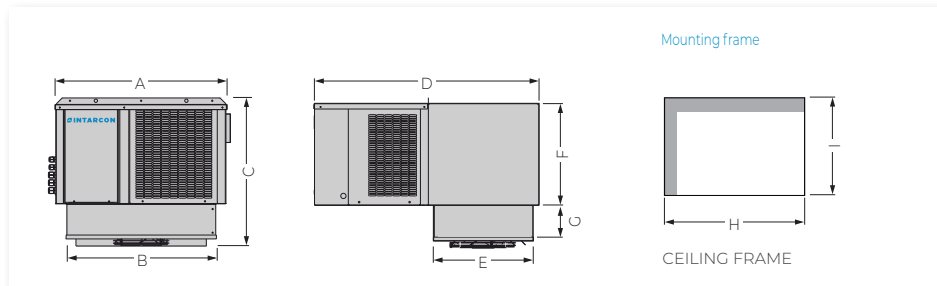
230V 50Hz | Positive temperature | Hermetic compressor | R-290

Refrigerant	Series / Model Axial	Compressor		Cooling capacity / Cold room volume, according to cold room temperature ⁽¹⁾						Input power (W)	Max. current (A)	Evap. air flow (m³/h)	Refrigerant charge per circuit (g) ⁽²⁾	Weight (kg)	SPL dB(A) ⁽³⁾	Price (€)
		HP	Power supply	0 °C		5 °C		10 °C								
				W	m³	W	m³	W	m³							
R-290	MCR-ND-0009A	1/3	230V	670	5	780	7	900	12	390	3.6	300	<100	63	29	2 310
	MCR-ND-1012A	1/2	230V	1 060	9	1 240	15	1 435	27	530	3.4	600	<100	73	29	2 804
	MCR-ND-1017A	3/4	230V	1 370	14	1 585	21	1 815	36	680	4.5	600	<150	73	31	3 127
	MCR-ND-2026A	1	230V	1 850	21	2 200	34	2 577	58	980	5.9	1 150	<150	96	35	4 175
	MCR-ND-2034A	1	230V	2 240	27	2 650	43	2 995	70	1 350	9.0	1 150	<200	96	35	5 251

230V 50Hz | Negative temperature | Hermetic compressor | R-290

Refrigerant	Series / Model	Compressor		Cooling capacity / Cold room volume, according to cold room temperature ⁽¹⁾						Input power (W)	Max. current (A)	Evap. air flow (m³/h)	Refrigerant charge per circuit (g) ⁽²⁾	Weight (kg)	SPL dB(A) ⁽³⁾	Price (€)
		HP	Power supply	-25 °C		-20 °C		-15 °C								
				W	m³	W	m³	W	m³							
R-290	BCR-ND-0014A	3/4	230V	385	1	460	2	550	4	390	3.3	300	<100	65	29	2 721
	BCR-ND-1017A	3/4	230V	540	2	660	5	800	8	490	3.5	600	<100	73	29	3 056
	BCR-ND-1028A	1 1/4	230V	770	4	925	9	1100	15	730	6.0	600	<150	80	31	3 348
	BCR-ND-2034A	3/4	230V	985	7	1 215	14	1 475	25	990	9.3	1150	<200	96	34	4 112

DIMENSIONS



Dimensions (mm)	A	B	C	D	E	F	G	H	I
0 series	600	430	480	790	375	330	100	435	385
1 series	665	582	574	850	379	385	135	590	385
2 series	835	756	677	850	379	469	135	760	385

⁽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 less than 0.5 kg, units exempt from the International Electrotechnical Committee (IEC 60335).

⁽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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