

JC-NE series – Commercial cubic type CO₂ evaporating units



- ❄️ High-efficiency batteries.
- ❄️ Electronic expansion valve and suction siphon.
- ❄️ 100 % factory tested and adjusted units for the highest performance.

Commercial cubic type CO₂ evaporating unit, with built-in control valves, for high, positive and negative temperature cold rooms, built in galvanised steel structure and aluminium bodywork with polyester paint.

Features

- ▶ 230V 50Hz power supply. Available in 60 Hz. Other voltages by request.
- ▶ High efficiency air cooling coil, made of copper tubes and aluminium fins, 6 mm fin pitch.
- ▶ Electronic expansion valve.
- ▶ High-flow axial motor fans.
- ▶ Cooling connections to be soldered, with suction line siphon integrated in the unit.
- ▶ Flexible drainage resistor (only for negative temperature models).

Options

- ▶ Resistance electric defrost.
- ▶ Hot CO₂ defrosting (consult us).
- ▶ Electric defrosting by means of heating elements. Control panel with electrical protection and electronic control unit for controlling the expansion valve driver, fans and defrosting, and light alarm.
- ▶ Humidification / dehumidification / heating kit.
- ▶ Anti-corrosion coil coating.

Electric control panel (optional)

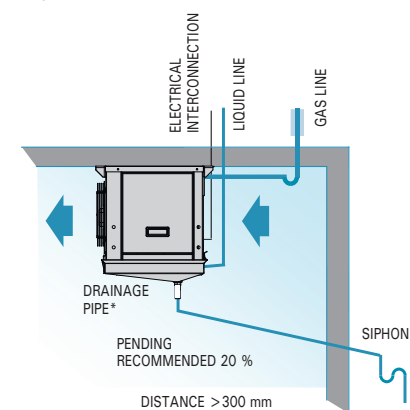
All units can be combined with an advanced multi-function controller, consisting of an electronic board integrated in the control panel and digital control unit.



Installation recommendations

Maximum vertical distance between units of 15 m if the condensing unit is located higher than the evaporating unit, and of 6 m otherwise.

* Minimum drain pipe inclination of 20 % for negative temperature models.

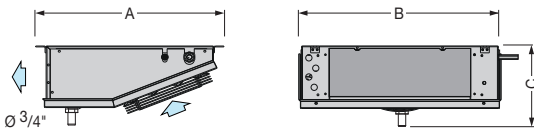


230V 50Hz | Positive temperature | Negative temperature | R-744

Refrigerant	Application	Series / Model	Cooling capacity according to cold room temperature (W) ⁽¹⁾			Coil			Fans				Electrical defrost		Liq-Gas Cooling Connection	Weight (kg)	
			SC2	SC3	SC4	Fin spacing (mm)	Area (m ²)	Vol. (litres)	Air flow (m ³ /h)	Nx Ø (mm)	Power (W)	I max. (A)	Range (m)	W			A
			0 °C 85 % RH DT1 = 8 K	-18 °C 95 % RH DT1 = 7 K	-25 °C 95 % RH DT1 = 6 K												
R-744	Positive / Negative	MJC-NE-1 225 BJC-NE-1 225	2 650	2 050	1 670	6	8.4	2.7	1 600	2x Ø 254	140	1.0	4	2x 700	6.1	1/4"-1/4" 3/16"-1/4"	42
		MJC-NE-2 225 BJC-NE-2 225	3 130	2 410	1 970	6	11.5	3.7	1 750	2x Ø 254	140	1.0	4	2x 800	7.0	1/4"-1/4"	48
		MJC-NE-2 325 BJC-NE-2 325	3 870	2 970	2 420	6	11.5	3.7	2 400	3x Ø 254	210	1.4	6	3x 800	10.4	1/4"-3/8"	52
		MJC-NE-3 425 BJC-NE-3 425	4 990	3 840	3 140	6	18.3	5.0	3 000	4x Ø 254	280	1.9	6	4x 800	13.9	1/4"-3/8"	65

Dimensions

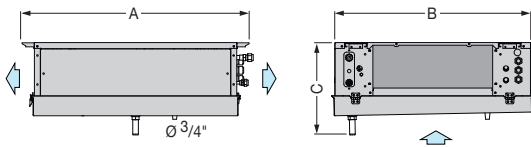
JB-NE series



Dimensions (mm)	A	B	C
0 series	417	549	185
1 series	460	643	235
2 series	460	993	235
3 series	538	1 691	235
4 series	590	2 064	285

All dimensions see page 55.

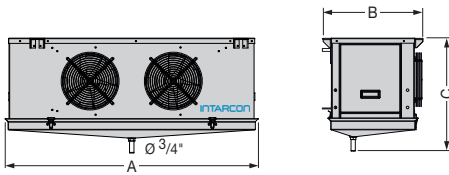
JD-NE series



Dimensions (mm)	A	B	C
1 series	852	736	310
2 series	852	1 086	310
3 series	852	1 786	310
4 series	942	2 186	360
5 series	942	2 186	360

All dimensions see page 57.

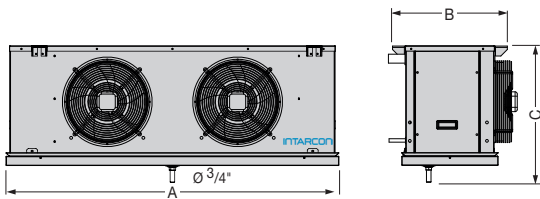
JC-NE series



Dimensions (mm)	A	B	C
12 series	1 200	530	547
22 series	1 500	530	547
23 series	1 500	530	547
34 series	1 900	530	547

All dimensions see page 61.

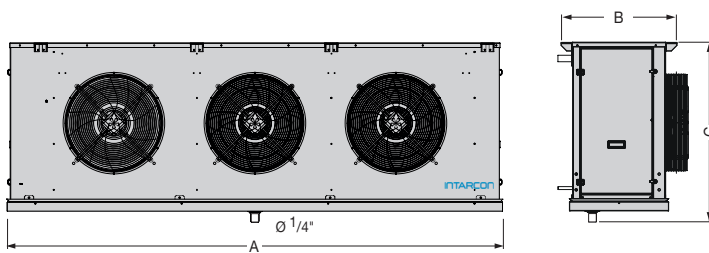
KC-NE series



Dimensions (mm)	A	B	C
0 series	880	530	581
1 series	1 230	530	581
2 series	1 530	530	581
3 series	1 930	530	581
4 series	2 430	530	581

All dimensions see page 63.

KH-NE series



Dimensions (mm)	A	B	C
11 series	1 180	625	730
21 series	1 180	625	980
12 series	1 930	625	730
22 series	1 930	625	982
13 series	2 680	625	730
23 series	2 680	625	982
14 series	3 430	625	730
24 series	3 430	625	982

All dimensions see page 67.