

R-290 slim-type evaporating units



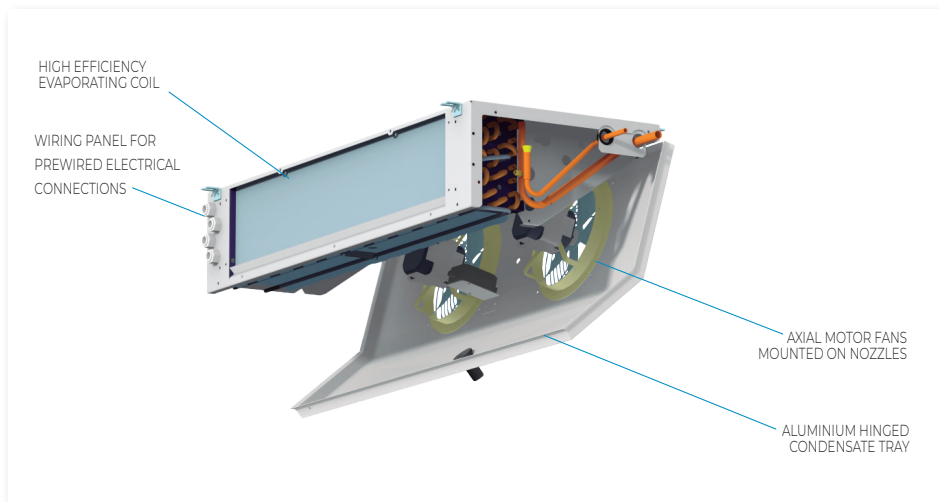
R-290 slim-type evaporating units, built in aluminium structure and casing with polyester paint, for small cold rooms.

FEATURES

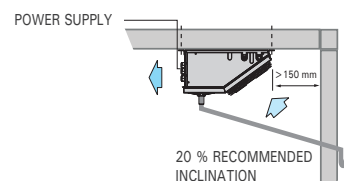
High-flow axial motor fans.	■
Air-cooled high efficiency coils, built in copper pipes and aluminium fins, with 6 mm fin spacing.	■
Ready-to-solder cooling connections, with built-in suction trap.	■
Hot gas defrosting.	□
Aluminium hinged condensate tray.	■
Anti-regulating drain pipe heater (only for negative temperature models).	■
EC electronic fans.	□
Anti-corrosion coil coating.	□

■ As standard □ Optional

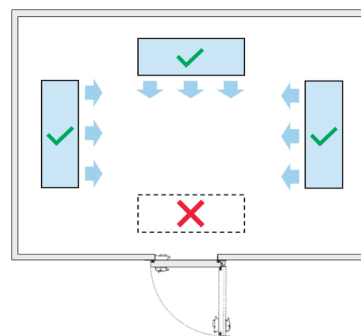
COOLING DETAIL



Installation recommendations



Place the unit at the end of the cold room, and avoid placing it above the door. It is preferable to place the unit so the air flows lengthwise along the cold room and crosswise to the entrance door.



230V 50Hz | [Positive temperature](#) | [Negative temperature](#) | [R-290](#)

Refrigerant	Application	Series / Model	Cooling capacity (W) ^①				Coil			Fans				Liq-Gas cooling connection	Weight (kg)	Price (€)	
			Evaporation temperature				Fin spacing (mm)	Area (m ²)	Vol. (litro)	Air flow (m ³ /h)	Nx Ø (mm)	Power (W)	I max. (A)				Air range (m)
			SC1 10 °C 85 % HR DTI = 10 K	SC2 0 °C 85 % HR DTI = 8 K	SC3 -18 °C 95 % HR DTI = 7 K	SC4 -25 °C 95 % HR DTI = 6 K											
R-290	Positive / Negative	MJB-ND-0117A BJB-ND-0117A	780	520	370	300	6	2.1	0.34	330	1x ø 172	62	0.3	3	3/16"-3/8"	11	
		MJB-ND-1120A BJB-ND-1120A	1290	850	630	490	6	3.58	0.57	500	1x ø 200	70	0.3	4	3/16"-3/8"	12	
		MJB-ND-2220A BJB-ND-2220A	2410	1580	1150	920	6	6.37	1.01	950	2x ø 200	140	0.5	4	1/4"-1/2"	18	
		MJB-ND-3325A BJB-ND-3325A	4010	2630	1950	1530	6	11.94	1.9	1450	3x ø 254	210	1.4	6	1/4"-5/8"	33	

DIMENSIONS

0 series

1 series

2 series

3 series

Dimensions in mm.

^① Cooling capacity at room temperature and relative humidity, calculated from dry cooling capacity according to EN 328 standard, applying the following empirical factors:

Conditions	Reference	Rate
10 °C 85 % HR	EN 328	1.35
0 °C 85 % HR	EN 328	1.15
-18 °C 95 % HR	EN 328	1.05
-25 °C 95 % HR	EN 328	1.00

To take into account the slip in R-290, the average evaporating temperature has been considered.

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