

## 2 Specifications

### 2 - 1 Specifications

Technical specifications				MPC1107YA11X	MPC1110YA11X	BPC1112YA11X	MPC2112YA11X	BPC2224YA11X
Power input	Max.	W		900	985	1,100	1,555	2,125
Dimensions	Unit	Height	mm		470			665
		Width	mm		655			925
		Depth	mm		780			1,100
	Packed unit	Height	mm		705			970
		Width	mm		770			990
		Depth	mm		885			1,205
Weight	Unit	kg		56			85	110
	Packed unit	kg		77			125	154
Compressor	Type			Hermetic reciprocating (ON/OFF controlled)				
Condenser	Air flow	m <sup>3</sup> /h		600 (1)			1,800 (1)	
Defrost				Hot gas				
Evaporator	Air flow	m <sup>3</sup> /h		550 (1)			900 (1)	
	Air throw	m		2 (2)				
Operation range	Cold room	Min. temperature	°C	-5				
		Max. temperature	°C	10				
	Ambient	Min. temperature	°C	5				
		Max. temperature	°C	45				
Refrigerant	Type			R-290				
	GWP			0.02				
	Charge	kg		0.14		0.15		0.11
PED	Category			Category I				
Characteristics of the hole where to accommodate the units (through the wall installation)	Height	mm		550			750	
	Width	mm		340				
	Thickness (of ceiling)	m		from 100 to 200				
Operating sound pressure at condenser	Max.	dB(A)		45 (3)			51 (3)	
N° of circuits				1				2

Technical specifications				MPC3220YA11X	MPC3224YA11X	BPC4336YA11X	MPC4336YA11X	BPC4345YA11X	
Power input	Max.	W		2,270	2,920	3,335		4,440	
Dimensions	Unit	Height	mm	665			775		
		Width	mm	1,050					
		Depth	mm	1,100			1,450		
	Packed unit	Height	mm	970			1,080		
		Width	mm	1,110			1,115		
		Depth	mm	1,210			1,555		
Weight	Unit	kg		120			180		
	Packed unit	kg		164			236		
Compressor	Type			Hermetic reciprocating (ON/OFF controlled)					
Condenser	Air flow	m <sup>3</sup> /h		1,800 (1)			2,500 (1)		
Defrost				Hot gas					
Evaporator	Air flow	m <sup>3</sup> /h		1,600 (1)			2,000 (1)		
	Air throw	m		2 (2)			3 (2)		
Operation range	Cold room	Min. temperature	°C	-25		-5		-5	
		Max. temperature	°C	-15		10		10	
	Ambient	Min. temperature	°C	5					
		Max. temperature	°C	45					
Refrigerant	Type			R-290					
	GWP			0.02					
	Charge	kg		0.14		0.15			
PED	Category			Category I					
Characteristics of the hole where to accommodate the units (through the wall installation)	Height	mm		750			1,004		
	Width	mm		460					
	Thickness (of ceiling)	mm		from 100 to 200					
Operating sound pressure at condenser	Max.	dB(A)		51 (3)					
N° of circuits				2				3	

Electrical specifications				MPC1107YA11X	MPC1110YA11X	BPC1112YA11X	MPC2112YA11X	BPC2224YA11X
Power supply	Voltage	V		230				
	Phase			1N~				
	Frequency	Hz		50				
	Maximum fuse amps (MFA)	A		10				
	Max. current amps (MCA)	A		4.89	5.35	5.99	8.44	11.54
	Total overcurrent amps (TOCA)	A		23	29	36	48	72
	Voltage range	Max.	V	250				
		Min.	V	207				

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Electrical specifications		MPC1107YA11X	MPC1110YA11X	BPC1112YA11X	MPC2112YA11X	BPC2224YA11X
Rated input	kW	0.58	0.75	0.81	1.28	1.6
Rated input	A	3.76	3.68	4.49	6.18	8.54
IP	Class	IPX0				

Electrical specifications		MPC3220YA11X	MPC3224YA11X	BPC4336YA11X	MPC4336YA11X	BPC4345YA11X	
Power supply	Voltage	V			230		
	Phase				1N~		
	Frequency	Hz			50		
	Maximum fuse amps (MFA)	A			10		
	Max. current amps (MCA)	A	12.34	15.86	18.13	24.13	24.13
	Total overcurrent amps (TOCA)	A	68	96	108	144	126
	Voltage range	Max.	V			250	
Min.		V			207		
Rated input	kW	1.76	2.34	2.58	3.59	3.02	
Rated input	A	8.22	11.34	13.63	17.35	14.95	
IP	Class	IPX0					

(1)According to EN ISO 5801 |

(2)According to CECOMAF GT 6-001 (final velocity = 0,25 m/s) |

(3)According to UNI EN ISO 3746

# 1 Features

## 1 - 1 PC

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- › 1 year warranty
- › CE certified
- › 50 Hz power supply
- › Ambient working temperature: +5°C ÷ +45°C
- › Cold room working temperature: MT +10°C / -5°C | LT -15°C / -25°C
- › MT and LT in separate models
- › Hermetic reciprocating compressor
- › Suitable for **110mm up to 200mm** panels
- › Fin&tube condenser
- › Fin&tube evaporator
- › Filter dryer
- › Thermal expansion valve
- › Condensate evaporation tray with automatic elimination of condensation water
- › Fixed calibration HP switch with automatic reset
- › Hot gas defrost
- › Propane refrigerant charge 150 gr max per circuit
- › Electronic control board
- › Master slave connection
- › Serial output
- › **5m cable for power supply**
- › Predisposition for connection of «Man in cold room» alarm
- › 2m cold room lighting cable (Light bulb holder and bulb as option)
- › 5m microswitch door cable (Microswitch as option)
- › 5m cable for door heater (LT units only)
- › **5m cable for remote control panel**

