

On/Off Monoblock for Refrigeration

Standard equipment

- 2 years warranty
- 50 Hz power supply
- **CE** certified
- Ambient working temperature: $+5^{\circ}\text{C} \div +45^{\circ}\text{C}$
- Cold room working temperature: MT $+10^{\circ}\text{C} / -5^{\circ}\text{C}$ | LT $-15^{\circ}\text{C} / -25^{\circ}\text{C}$
- MT and LT in separate models
- Hermetic reciprocating compressor
- Suitable for 100mm and 150mm panel
- 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
- Predisposition for connection of "Man in cold room" alarm
- 5m cable for power supply
- 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)



PS

			MPS1107YA11A	MPS1110YA11A	MPS3112YA11A	MPS3220YA11A	BPS3112YA11A	BPS3115YA11A	BPS3224YA11A	BPS3230YA11A
Application			Medium temperature units				Low temperature units			
Dimensions of the unit	Height	mm	771				866			
	Depth	mm	935				1,010			
	Width	mm	400				650			
Weight of the unit	Weight	kg	50		87.6	93	87.6		105.4	
Characteristics of the hole where to accommodate the units (through the wall installation)	Height	mm	335				335			
	Width	mm	375				585			
Characteristics of the holes where to accommodate the units (straddle installation)	a	mm	43				40			
	b	mm	288				470			
	c	mm	43				60			
	d	mm	88				145			
	e	mm					19			
	f	mm					28			
	g	mm	321		320	420		320		420
Refrigerant	Type		R290							
	GWP		3							
N° of circuits			1		2		1		2	
Refrigerant	Charge per circuit	kg	0.15 max/circuit							
Power supply	Voltage/phase/frequency	Vac/ph/Hz	230/1N~/50Hz							
Voltage range (Min/Max)		V	207-250							
Max input power		W	900	920	1,680	2,140	1,310	1,680	2,250	2,985
MCA (Max Current Amps)		A	4.89	4.99	9.12	11.62	7.12	9.12	12.22	16.22
MFA (Max Fuse Amps)		A	10		12	16	10	12	16	20
TOCA (Total overcurrent Amps)		A	23	29	49	68	37	43	72	84
Compressor	Type		Hermetic reciprocating (ON/OFF controlled)							
Air flow rate condenser (1)		m³/h	530		930	1,030	930		1,030	
Air flow rate evaporator (1)		m³/h	590		1,150	1,230	1,150		1,230	
Air throw evaporator (2)		m	5							
PED category			I							
IP category			IPX0							
Defrost			Hot gas							
Condenser operating sound pressure (3)		dBA (10m)	38.5		47.5					
Operation range ambient temperature	Min	°C					5			
	Max	°C					45			
Operation range cold room temperature	Min	°C	-5				-25			
	Max	°C	10				-15			

(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