

SERIE MA

**Multizone  
DC Inverter  
NUEVA SERIE**

FRÍO Y CALOR



**PRESTACIONES  
GENERALES**

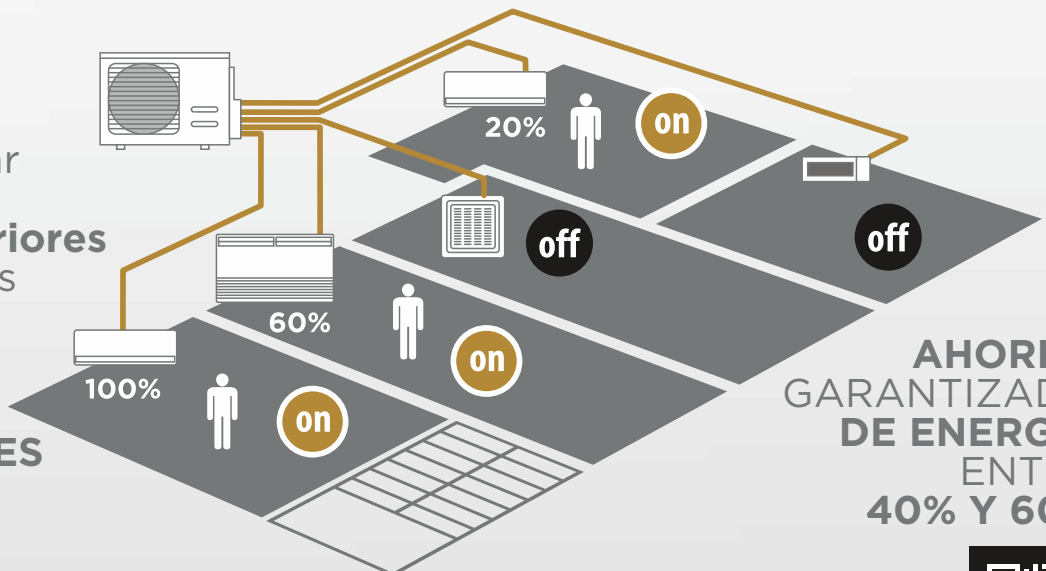
- Alta eficiencia energética  
Hasta SEER 22.0
- Fácil instalación y mantenimiento
- Alta calidad del aire
- Control de temperatura lineal y preciso
- Permite distribución de tubería de hasta 80m
- Operación silenciosa
- Dimensiones reducidas
- Control Remoto
- Unidades Ducto Media ESP
- NOM-003-SFCI-2014



**CAPACIDADES  
HASTA  
4TR**

Permite conectar  
**hasta  
5 unidades interiores**  
de diversos tipos

**87  
COMBINACIONES**  
de capacidades  
en unidades interiores



**AHORRO  
GARANTIZADO  
DE ENERGÍA  
ENTRE  
40% Y 60%**



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## UNIDADES EXTERIORES

Out Model		PMR-18R4-MA	PMR-27R4-MA	PMR-36R4-MA	PMR-48R4-MA	
Max IDU connected		2	2 - 3	2 - 4	2 - 5	
Power supply	Ph-V-Hz	208-230V~60Hz, 1Ph				
Cooling	Capacity	Btu/h	18000	27000	36000	
	Capacity Range	Btu/h	4810~21940	7880~33510	8090~41470	
	Total Input	W	415~2035	670~3060	880~4160	
	SEER		22.5	22.5	22.5	
Heating	Capacity	Btu/h	19000	28000	36000	
	Capacity Range	Btu/h	2950~24480	6010~36180	4050~41950	
	Total Input	W	370~1980	715~3170	960~3795	
MINIMUM CIRCUIT AMPACITY	A	18.0	25.0	30.0	35.0	
MAX.FUSE	A	25.0	35.0	45.0	50.0	
Outdoor air flow	m <sup>3</sup> /h	2362	3619	3619	7646	
Outdoor noise level	dB(A)	62.4	63.4	62.3	64	
Outdoor unit	Dimension(W*D*H)	mm	845x363x702	946x410x810	952x415x1333	
	Packing (W*D*H)	mm	965x395x755	1090x500x875	1095x495x1480	
	Net/Gross weight	Kg	48/52	68/73	71/76	101.5/115.7
Refrigerant type	oz	<b>R410A/70.5</b>	<b>R410A/98.8</b>	<b>R410A/105.8</b>	<b>R410A/162.3</b>	
Additional charge for each ft	oz	0.161	0.161	0.161	0.32	
Design pressure	PSIG	550/340	550/340	550/340	550/340	
Refrigerant piping	Liquid side/ Gas side	mm(inch)	2 X (1/4"/3/8")	3 X (1/4"/3/8")	(4x1/4"/3x3/8"+1x1/2")	
	Max. length for all rooms	m	30	45	60	
	Max. length for one indoor unit	m	20	25	30	
	Max. height difference between indoor and outdoor unit	OU higher than IU	m	10	10	10
		OU lower than IU	m	15	15	15
	Max. height difference between indoor units	m	10	10	10	
Qty/per 20' /40' /40'HQ	outdoor unit	102/216/216	44/96/144	44/96/144	22/46/46	

## HI WALL UNIDADES INTERIORES

Model		PME-09R4-MA	PME-12R4-MA	PME-18R4-MA	PME-24R4-MA
Nominal Capacity	Btu/H	9000	12000	18000	24000
Power supply	Ph-V-Hz	208-230V~60Hz, 1Ph			
Cooling	Capacity	Btu/h	9000	12000	18000
	Capacity Range	Btu/h	3600-9900	4800-13200	7200-19800
	SEER		22	21.5	21.5
Indoor air flow (Hi/Mi/Lo)	m <sup>3</sup> /h	450/348/240	520/360/250	950/620/520	1050/800/550
Indoor noise level (Hi/Mi/Lo)	dB(A)	39/-/24.5	39/-/25	45.5/-/34.5	50/-/35.5
Indoor unit	Dimension(W*D*H)	mm	802x189x297	802x189x297	1080x226x335
	Packing (W*D*H)	mm	875x285x375	875x285x375	1155x415x315
	Net/Gross weight	Kg	8.2/10	8.2/10	13.2/16.8
Refrigerant piping	Liquid side/ Gas side	inch	(1/4"/3/8")	(1/4"/1/2")	(3/8"/5/8")
Thermostat type		Remote Control			
Operation temperature	Indoor(cooling/ heating)	°C	17~32/0~30	17~32/0~30	17~32/0~30
Qty/per 20' /40' /40'HQ	set	320/660/750	320/660/750	190/400/448	190/400/448

## CASSETTE TYPE UNIDADES INTERIORES

(NO DISPONIBLE EN MÉXICO)

Indoor Model		PMC-09R4-MA	PMC-12R4-MA	PMC-18R4-MA	PMC-24R4-MA
Power supply	V-ph-Hz	208-230V~ 60Hz, 1Ph			
Cooling	Capacity	Btu/h	9000	12000	18000
	Capacity Range	Btu/h	3600-9900	4800-13200	7200-19800
	SEER		22	21.5	21.5
Heating	Capacity	Btu/h	10000	12000	18000
	Capacity Range	Btu/h	4000-11000	4800-13200	7200-19800
Minimum circuit ampacity	A	1.2	1.3	1.9	2.5
Max.fuse	A	15	15	15	15
Indoor air flow (Hi)	m <sup>3</sup> /h	600/520/460	574/490/422	956/825/746	1400/1250/1000
Indoor noise level (sound pressure)	dB(A)	40/37/35	43/39/36	44/39/36	52/50/47
Indoor unit	Dimension (WxDxH)(body)	mm	570x570x260	840x840x205	
	Packing (WxDxH)(body)	mm	655x655x290	900x900x217	
	Dimension (WxDxH)(panel)	mm	647x647x50	47x647x50	647x647x50
	Packing (WxDxH)(panel)	mm	715x715x123	1035x1035x90	
	Net/Gross weight(body)	kg	14.5/17.3	16/18.6	16.1/18.7
	Net/Gross weight(panel)	kg	2.5/4.5		5/8
Drainage water pipe diameter	mm	OdΦ25		OdΦ32	
Refrig. piping	Liquid side/Gas side mm(in)	(1/4"/3/8")	(1/4"/1/2")	(1/4"/1/2")	(3/8"/5/8")
Controller		Remote control			
Operation temperature	°C	17~30	17~30	17~30	17~30
Qty/per 20' /40' /40'HQ		234/488/566		148/312/342	

## DUCT TYPE UNIDADES INTERIORES

Indoor Model		PMD-09R4-MA	PMD-12R4-MA	PMD-18R4-MA	PMD-24R4-MA
Power supply	V-ph-Hz	208-230~1-60			
Cooling	Capacity	Btu/h	9000	12000	18000
	Capacity Range	Btu/h	6300-11700	8400-15600	12600-23400
	SEER		22		
Heating	Capacity	Btu/h	10000	12000	18000
	Capacity Range	Btu/h	7000-13000	8400-15600	12600-23400
Minimum circuit ampacity	A	1.2	1.3	1.9	2.5
Max.fuse	A	15	15	15	15
Indoor air flow (Hi/Med/Lo) (No duct)	m <sup>3</sup> /h	570/493/408	629/544/442	884/731/612	1394/1054/884
ESP	Range	Pa	0-40		0-60
Indoor noise level (Hi/Med/Lo)	dB(A)	39/37/33	44/37/31	41/39/37	50/46/45
Indoor unit	Dimension (WxDxH)	mm	700x635x210	700x635x210	920x635x210
	Packing (WxDxH)	mm	915x655x290	915x655x290	1135x655x290
	Net/Gross weight	kg	18.1/22.8	19.1/23.4	23/27.5
Drainage water pipe diameter	mm			OdΦ25	
Refrig. piping	Liquid side/ Gas side mm	(1/4"/3/8")	(1/4"/1/2")	(1/4"/1/2")	(3/8"/5/8")
Controller		Wired control			
Operation temperature	°C	17~30	17~30	17~30	17~30
Qty/per 20' /40' /40'HQ	Indoor unit	173/340/380	134/270/310	108/216/252	

### Remarks:

- The above design and specifications are subject to change without prior notice for product improvement.
- The values given in the table for the noise level reflect the levels in hemi-anechoic rooms.