



Changes for the Better

AIR CONDITIONERS



SLIM PACKAGED
Ceiling Suspended

R32

Mr. SLIM

Product Line-Up

Product Line-up

Btu/hr		13,000	18,000	24,000	30,000	36,000	42,000	48,000	Remote controller
CEILING SUSPENDED	PCY	PCY-SM18KA2	PCY-SM24KA2	PCY-SM30KA2	PCY-SM36KA2	PCY-SM42KA2	PCY-SM48KA2	 (Included)  (Optional)	
OUTDOOR UNITS (INVERTER)		SUY-SM18VA2	SUY-SM24VA2	SUY-SM30VA2	SUY-SA30VA2	PUY-SM42V/YKA2	PUY-SM48V/YKA2		
	  								
CEILING SUSPENDED	PC-M SERIES	PC-M13KAK	PC-M18KAK	PC-M24KAK	PC-M30KAK	PC-M36KAK	PC-M42KAK	PC-M48KAK	 (Included)  (Optional)
OUTDOOR UNITS (NON- INVERTER)		PU-M13VAK	PU-M18VAK2	PU-M24VAK2	PU-M30VAK2	PU-M36V/YAK2	PU-M42YAK2	PU-M48YAK2	
	  								

Note: Up to 24,000 Btu/hr entitled for 2 years general warranty and 5 years compressor warranty.
Above 24,000 Btu/hr to 48,000 Btu/hr is entitled for 1 year general warranty and 5 years compressor warranty.

Specification

Ceiling Suspended (PCY-SM) Standard Inverter

Specifications subject to change without notice.

Indoor unit			PCY-SM18KA-PA	PCY-SM24KA-PA	PCY-SM30KA-PA	PCY-SM36KA-PA	PCY-SM36KA-PA	PCY-SM42KA-PA	PCY-SM48KA-PA	PCY-SM48KA-PA		
Outdoor unit			SUY-SM18VA-PA	SUY-SM24VA-PA	SUY-SM30VA-PA	SUY-SM36VA-PA	PUY-SM36YKA-PA	PUY-SM42VKA-PA	PUY-SM42YKA-PA	PUY-SM48VKA-PA	PUY-SM48YKA-PA	
Cooling capacity (Min-Max)			kW	5.3 (2.8-5.3)	7.1 (2.9-7.1)	8.8 (3.8-8.8)	10.6 (4.0-10.6)		12.6 (6.1 -12.6)		14.1 (7.0 -14.1)	
Cooling capacity			BTU/h	18,000	24,000	30,000	36,000		43,000		48,000	
Total input			kW	1.55	2.19	2.50	3.35		4.58		5.75	
EER			W/W	3.42	3.24	3.52	3.16		2.75		2.45	
CSPF			W/W	5.43	5.25	5.57	5.62		5.01		4.62	
Indoor unit	Power supply		1ph 220-240V 50Hz									
	External finish		Munsell 6.4Y 8.9/0.4									
	Airflow (low-med2-med1-high)		CMM	16-17-18-20	16-18-20-22	24-26-28-30	27-29-32-34					
			CFM	565-600-635-705	565-635-705-775	850-920-990-1060	955-1025-1130-1200					
	Operation control and thermostat		Remote control and Built-in									
	Noise level (low-med2-med1-high)		dB (A)	34-36-38-40	34-36-40-42	39-41-43-45	42-44-46-48					
	Unit drain pipe (outer diameter)		mm	26								
	Dimensions		W	mm		1280		1600				
			D	mm		680		680				
			H	mm		230		230				
Weight (panel)		kg	32		37		40					
Outdoor unit	Power supply		1ph 220-240V 50Hz				3ph 380-415V 50Hz		1ph 220-240V 50Hz	3ph 380-415V 50Hz	1ph 220-240V 50Hz	3ph 380-415V 50Hz
	External finish		Munsell 3.0Y 7.8/1.1									
	Refrigerant (R32) control		Linear expansion valve									
	Airflow		CMM	36.4	48.9	66.6		75			89	
			CFM	2184	2934	3996		2648			3143	
	Noise level		dB (A)	47	52	54	52		53		56	
	Dimensions		W	mm		800		840		1050		
			D	mm		285		330				
			H	mm		550	714	880		981		
	Weight		kg	32	38	47		67	65	67	74	75
	Max. height difference		m	20		30						
	Max. piping length		m	35		50						
	Piping size (outer diameter)		mm	6.35/12.7	9.52/15.88							
	Liquid/Gas											
	Chargeless piping length		m	7				10				
Guaranteed Operating Range			Upper limit (DB)		18~52							

*Rating conditions Cooling - Indoor: 27°C(80°F)DB, 19°C(66°F)WB, Outdoor: 35°C(95°F)DB
*Refrigerant piping length (one-way): 7.5m(25ft)
*Total input based on the indicated voltage (indoor/outdoor): 1ph 230V 50Hz, 3ph 400V 50Hz
*CSPF (Cooling Seasonal Performance Factor) is based on ISO 16358-1.

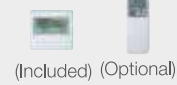
Product Feature

CEILING SUSPENDED

PCY SERIES (INVERTER)
PCY-SM18/24/30/36/42/48KA

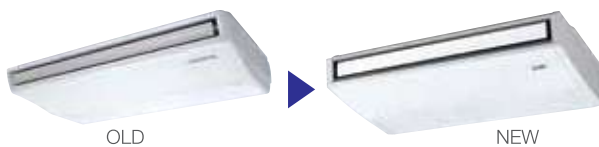
CEILING SUSPENDED

PC-M SERIES (NON-INVERTER)
PC-M13/18/24/30/36/42KAK



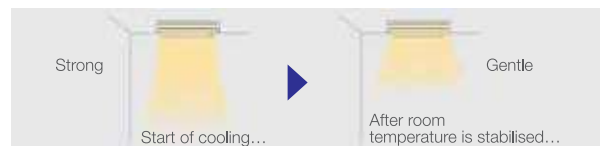
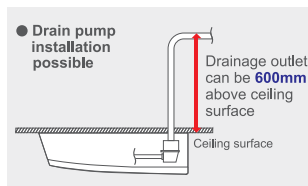
Stylish indoor unit design

a stylish square-like design is adopted for the indoor units of all models. As a result, the units blend in better with the ceiling.



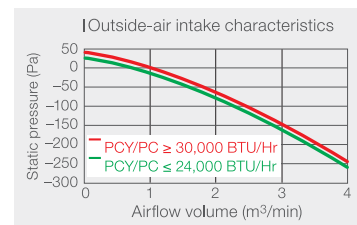
Optional drain pump for full-capacity models

The pumping height of the optional drain pump has been increased from 400mm to 600mm, expanding flexibility in choosing unit location during installation work.



Fresh
outside-air
intake

Units are equipped with a knock-out hole that enables the induction of fresh outside-air.



Flockless vanes

With the adoption of flockless vanes, dirt and other impurities can be cleaned off easily with mild household detergent.

Specification

Ceiling Suspended (PC-M) **Non-Inverter**

Model			PC-M13KAK PU-M13VAK	PC-M18KAK PU-M18VAK2	PC-M24KAK PU-M24VAK2	PC-M30KAK PU-M30VAK2	PC-M36KAK PU-M36VAK2	PU-M36YAK2	PC-M42KAK PU-M42YAK2	PC-M48KAK PU-M48YAK2	
Cooling capacity		kW	3.81	5.10	6.60	8.80	10.60		10.60	14.10	
Cooling capacity		BTU/h	13,000	17,400	22,500	30,000	36,100		36,100	48,100	
Total input		kW	1.10	1.55	2.00	2.70	3.31		3.31	5.40	
EER		W/W	3.46	3.29	3.30	3.26	3.20		3.20	2.61	
CSPF		kWh/kWh	3.68	3.49	3.50	3.46	3.40		3.40	2.77	
Indoor unit	Model name		PC-M13KAK-PA	PC-M18KAK-PA	PC-M24KAK-PA	PC-M30KAK-PA	PC-M36KAK-PA	PC-M36KAK-PA	PC-M42KAK-PA	PC-M48KAK-PA	
	Power supply		1ph 220-240V 50Hz								
	External finish		Munsell 6.4Y 8.9/0.4								
	Airflow (low-med2-med1-high)		CMM	13-14-15-16	16-17-18-20	16-18-20-22	24-26-28-30	27-29-32-34			
			CFM	459-494-530-565	565-600-636-706	565-636-706-777	848-918-989-1059	953-1024-1130-1201			
	External static pressure		Pa	0 (direct blow)							
	Operation control and thermostat		Remote control and Built-in								
	Noise level (low-med2-med1-high)		dB (A)	37-39-41-43	34-36-38-40	34-36-40-42	39-41-43-45	42-44-46-48			
	Unit drain pipe		mm	26							
	Dimensions		W	960	1280		1600				
D			680								
H			230								
Weight		kg	25	32		37	40				
Outdoor unit	Model name		PU-M13VAK-PA	PU-M18VAK2-PA	PU-M24VAK2-PA	PU-M30VAK2-PA	PU-M36VAK2-PA	PU-M36YAK2-PA	PU-M42YAK2-PA	PU-M48YAK2-PA	
	Power supply		1ph 220-240V 50Hz							3ph 380-415V 50Hz	
	External finish		Munsell 3.0Y 7.8/1.1								
	Refrigerant (R32) control		Capillary Tube								
	Airflow		CMM (CFM)	31.7 (1119)	32 (1130)	59 (2084)	50 (1765)	92 (3249)			
	Noise level		dB (A)	50	53	56	55	54	56		
	Dimensions		W	718	840		1050				
			D	255	330		330				
			H	525	880		981				
	Weight		kg	31.5	34	51	63	81	82	84	86
	Max. height difference		m	10	20		30				
	Max. piping length		m	20	35		50				
Pipe size (outer diameter)		mm	Liquid: 6.35 , Gas: 12.7		Liquid: 6.35 ,Gas: 15.88		Liquid: 9.52 , Gas: 15.88				
Chargeless piping length		m	7.5				10.0				
Guaranteed Operating Range		Upper limit (DB)	46				46				
		Lower limit (DB)	21				21				

Features Summary

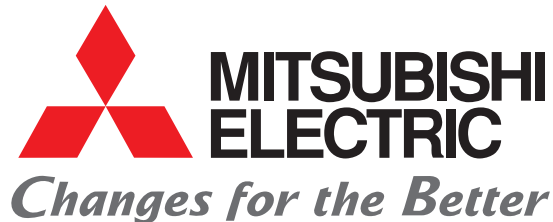
Series	Comfort									Installation & Maintenance							Others		Remote Controller					
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Other Air Conditioning Systems

RAC - Wall Mounted, Outdoor Unit	CPAC - Ceiling-Concealed	VRF System
		

Disclaimer: Specification subject to change without prior notice.

* Some features are only available on certain models. Kindly refer to product specification for further information. * All the image used are for illustration purpose only. * Specification and designs are subject to change without notice.



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Mitsubishi Electric Consumer Products and Mitsubishi Electric Shizuoka Works acquired ISO 9001 certification under Series 9000 of the International Standard Organization (ISO) based on a review of Quality Warranties for the production of air conditioning equipment. The plant also acquired environmental management system standard ISO 14001 certification.

Authorised Dealer: