

# PKA Series

## HIGH WALL SYSTEM



Mr. SLIM



The large capacity PKA Series is both elegant and compact. With greater placement options and high airflow, PKA Series units are ideal for light commercial use (i.e. offices, stores, and server rooms).

### PKA-M71KAL

Heating Capacity: 8.0 kW | Cooling Capacity: 7.1 kW

### PKA-M100KAL

Heating Capacity: 11.2 kW | Cooling Capacity: 10.0 kW

## Key Features

R32

### Next-Generation R32 Technology

PKA High Wall Systems feature the latest in super-efficient and more environmentally friendly R32 refrigerant. Furthermore, zero ozone depleting R32 is easier to reuse and recycle.



### Quick Clean Grille

The intake grille can easily slide out completely, allowing simple cleaning without any special tools; making it easy to clean in minutes by washing in water.



### Auto-Vane Shutter

The vane closes automatically when the unit is not running, creating a sleek flat finish that is aesthetically pleasing.



### Suitable for Server Room Applications

The PKA Series provides an economical split system solution for high sensible applications due to their larger coil size. As a result they are ideal for applications such as server rooms and laboratories where there is a need for sensible cooling.



### Drain Pump Option

Installation of a drain pump enables a drain outlet as high as 800mm above the base of the indoor unit. Drain water can be discharged easily even if the surface where the wall-mounted unit does not have direct access outside; increasing the degree of freedom for installation.



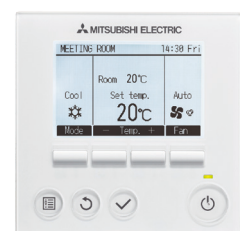
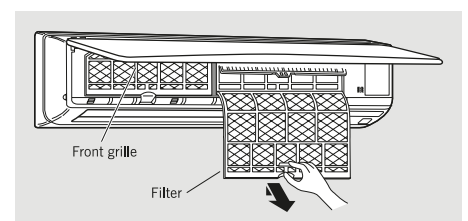
### Wired Remote Controller Available (Optional)

A separately sold wired remote controller and terminal block are available to suit various installation sites. When connecting a wired remote controller the MAC-334IF-E interface is not required.



### Optional Wi-Fi Control: Elevate Comfort, Maximise Efficiency

Upgrade your system with optional Wi-Fi Control. Make real-time adjustments on-the-go, no matter where you are via remote access. Optimise energy efficiency with smart scheduling and customisable zone/room control.



OPTIONAL  
**Wi-Fi**  
CONTROL

# Specifications: PKA High Wall Series

REFRIGERANT		R32			
INDOOR UNIT		PKA-M71KAL		PKA-M100KAL	
OUTDOOR UNIT		PUZ-ZM71VHA		PUZ-ZM100VKA	
Function		Cooling	Heating	Cooling	Heating
Capacity (min.–max.)	(kW)	7.1 (3.3-8.1)	8.0 (3.5-10.2)	10.0 (4.9-11.4)	11.2 (4.5-14.0)
Power Input	(kW)	1.86	2.12	2.81	3.10
Rated EER/COP		3.81	3.77	3.55	3.61
Rated AEER/ACOP		3.61	3.60	3.43	3.49
Power Supply		V: Single-phase, 50Hz, 230V			
Airflow	m³/min	18-20-22		20-23-26	
	L/S	300-333-367		333-383-433	
Sound Pressure Level		(dB)		39-42-45	
Dimensions (indoor)	Height	(mm)		365	
	Width	(mm)		1,170	
	Depth	(mm)		295	
Weight (indoor)		(kg)		21	

## Outdoor Unit Specifications

OUTDOOR UNIT		PUZ-ZM71VHA		PUZ-ZM100VKA	
External Finish		Munsell 3.0Y 7.8 / 1.1			
Power Supply		Single-phase, 50Hz, 230V			
Compressor Output	(kW)	1.30		2.5	
Airflow (Cooling/Heating)	m³/min(L/S)	55 (915)		110 (1831)	
Sound Pressure Level (Cooling/Heating)	(dB)*2	47 / 51		49 / 51	
Sound Power Level	(dB)	67		69 / 69	
Dimensions (H x W x D)	(mm)	943x950x330		1338x1050x330	
Weight	(kg)	70		111	
Piping Length (Chargeless/ Max.)	(m)	30 / 50		30 / 75	
Protection Device		-		Discharge thermo, HP switch	
Breaker Size	(A)	25		32	

## Amount of Required Refrigerant (R32:kg)

PIPING LENGTH	FACTORY CHARGED (kg)	ADDITIONAL CHARGE (kg)			
	30m	40m	50m	60m	75m
PUZ-ZM71	2.80	0.40	0.80	-	-
PUZ-ZM100	4.00	0.40	0.80	1.20	1.80

## Refrigerant Piping

CAPACITY	BETWEEN INDOOR AND OUTDOOR UNITS		PIPE SIZE OD (mm – in.)	THICKNESS (mm)
	MAX. HEIGHT DIFFERENCE (m)	MAX. PIPING LENGTH (m)		
PUZ-ZM71	30	50	Liquid: Ø 9.52 – 3/8"	t 0.8
			Gas: Ø 15.88 – 5/8"	t 1.0
PUZ-ZM100	30	75	Liquid: Ø 9.52 – 3/8"	t 0.8
			Gas: Ø 15.88 – 5/8"	t 1.0

\*2 Sound pressure measurements were conducted in an anechoic chamber. The actual noise level depends on the distance from the unit and the acoustic environment.

For more information please visit our website  
or call our Customer Service Team.

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