

# PEA SERIES

The PEA Series is a large capacity ceiling-concealed type indoor units which are visually discreet blending into various environments. The new R32 refrigerant lineup realizes improved energy efficiency with a patented fan called a Turbo In Sirocco fan. A wider option of external static pressure up to 200Pa allows authentic ducted air-conditioning with an elegant interior layout.

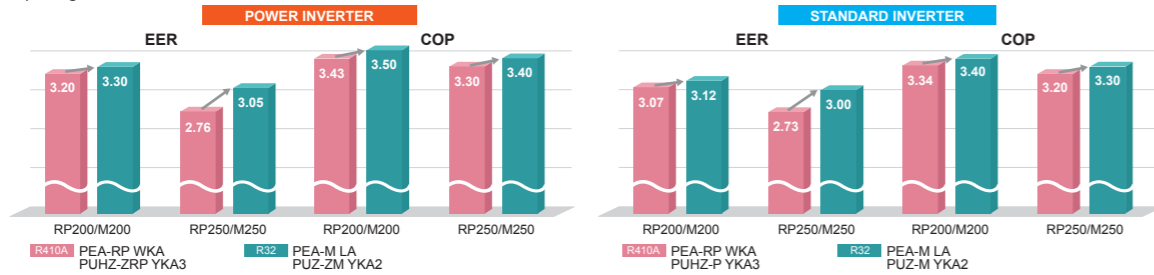
R32  
R410A

PEA-M200/250LA



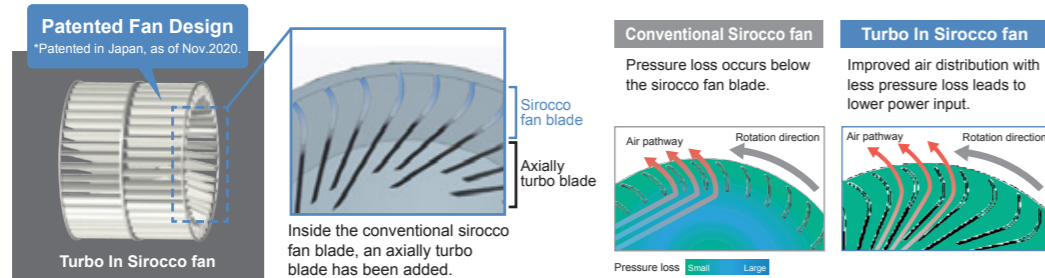
## Improved Energy Efficiency

Introduction of new R32 refrigerant with newly designed fan reduces energy consumption and have resulted in higher energy savings for all capacity ranges.



## Low input with New Fan Design

The new PEA series applies a newly designed fan; a Turbo In Sirocco fan which realizes high efficiency with a lower power input. The new design is Mitsubishi Electric's patented technology with a combination of turbo fan inside the sirocco fan.



## Wide range of external static pressure allows flexible duct design

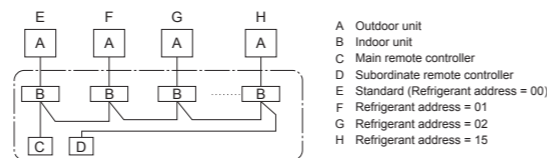
200Pa setting is newly added enabling total of five static pressure level. The ability to select additional static pressure enables long duct and more freedom in design.

PEA-M200/250LA <60>/75/<100>/<150>/<200> Pa

The factory setting of external static pressure is shown without brackets (< >). Refer to "Fan characteristics curves" according to the external static pressure, in the DATA BOOK for the usable range of airflow rate.

## PAR-41MAA Group Control

The PAR-41MAA remote controller can control up to 16 systems as a group, and is ideal for supporting the integrated management of building air conditioners.



### LINE-UP

Indoor Unit	Outdoor Unit	Remote Controller
PEA-M200/250LA	Power Inverter Series R410A PUHZ-ZRP200/250	Standard Inverter Series R410A PUHZ-P200/250
	Power Inverter Series R32 PUZ-ZM200/250	Standard Inverter Series R32 PUZ-M200/250
		Optional
		Optional

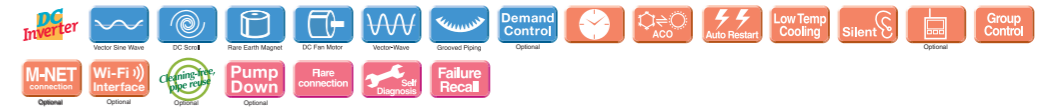
## PEA-M SERIES POWER INVERTER



Type	Inverter Heat Pump				
Indoor Unit	PEA-M200LA	PEA-M250LA			
Outdoor Unit	PUZ-ZM200YKA2	PUZ-ZM250YKA2			
Refrigerant <sup>(1)</sup>	R32				
Power Supply	Separate power supply				
Cooling	Capacity	Rated	kW	19.0	22.0
	Min-Max	kW	9.2 - 22.4	9.9 - 27.0	
	Total Input	Rated	kW	6.757	7.213
	EER			3.30	3.05
Heating	Capacity	Rated	kW	22.4	27.0
	Min-Max	kW	7.1 - 25	7.3 - 31	
	Total Input	Rated	kW	6.400	7.941
	COP			3.50	3.40
Operating Current(Max)		A	25.7	25.9	
Indoor Unit	Input [cooling / Heating]	Rated	kW	0.35/0.35	0.53/0.53
	Operating Current(Max)	A	3.1	3.4	
	Dimensions	H*W*D	mm	470 - 1370 - 1120	
	Weight	kg		87	
	Air Volume (Lo-Mi2-Mi1-Hi)	m³/min	42-51-60(60Pa-150Pa) 42-51-55(200Pa)	50-61-72(60Pa-100Pa)	45-55-65(150Pa) 45-50-55(200Pa)
	External Static Pressure	Pa	(60)/75/(100)/(150)/(200)		
	Sound Level (Lo-Mi2-Mi1-Hi) (SPL)	dB(A)	35-40-43	38-43-47	
	Sound Level (PWL)	dB(A)	63-64-64	67-67-68	
Outdoor Unit	Dimensions	H*W*D	mm	1338-1050-330(+40)	1338-1050-330(+40)
	Weight	kg		137	138
	Air Volume	Cooling	m³/min	140	140
	Heating	m³/min	140	140	
	Sound Level (SPL)	Cooling	dB(A)	59	59
	Heating	dB(A)	62	62	
	Sound Level (PWL)	Cooling	dB(A)	77	77
	Operating Current(Max)	A	22.5	22.5	
	Breaker Size	A	32	32	
Ext. Piping	Diameter <sup>(2)</sup>	Liquid/Gas	mm	9.52 / 25.4	12.7 / 25.4
	Max.Length	Out-In	m	100	100
	Max.Height	Out-In	m	30	30
Guaranteed Operating Range (Outdoor)	Cooling <sup>(3)</sup>	°C	-15~+46	-15~+46	
	Heating	°C	-20~+21	-20~+21	

\*1 Refrigerant leakage contributes to climate change. Refrigerant with lower global warming potential (GWP) would contribute less to global warming than a refrigerant with higher GWP, if leaked to the atmosphere. This appliance contains a refrigerant fluid with a GWP equal to 1975. This means that if 1 kg of this refrigerant fluid would be leaked to the atmosphere, the impact on global warming would be 1975 times higher than 1 kg of CO<sub>2</sub>, over a period of 100 years. Never try to interfere with the refrigerant circuit yourself or disassemble the product yourself and always ask a professional.  
\*2 Optional air protection guide is required where ambient temperature is lower than -5°C.  
\*3 Joint pipe is required depending on installed refrigerant pipes, outdoor units and indoor units.

## PEA-M SERIES STANDARD INVERTER



Type	Inverter Heat Pump				
Indoor Unit	PEA-M200LA	PEA-M250LA			
Outdoor Unit	PUZ-ZM200YKA2	PUZ-ZM250YKA2			
Refrigerant <sup>(1)</sup>	R32				
Power Supply	Separate power supply				
Cooling	Capacity	Rated	kW	19.0	22.0
	Min-Max	kW	9.2 - 22.4	9.9 - 27.0	
	Total Input	Rated	kW	6.089	7.333
	EER			3.12	3.00
Heating	Capacity	Rated	kW	22.4	27.0
	Min-Max	kW	6.8 - 25	7.3 - 31	
	Total Input	Rated	kW	6.588	8.181
	COP			3.40	3.30
Operating Current(Max)		A	25.7	25.9	
Indoor Unit	Input [cooling / Heating]	Rated	kW	0.35/0.35	0.53/0.53
	Operating Current(Max)	A	3.1	3.4	
	Dimensions	H*W*D	mm	470 - 1370 - 1120	
	Weight	kg		87	
	Air Volume (Lo-Mi2-Mi1-Hi)	m³/min	42-51-60(60Pa-150Pa) 42-51-55(200Pa)	50-61-72(60Pa-100Pa)	45-55-65(150Pa) 45-50-55(200Pa)
	External Static Pressure	Pa	(60)/75/(100)/(150)/(200)		
	Sound Level (Lo-Mi2-Mi1-Hi) (SPL)	dB(A)	35-40-43	38-43-47	
	Sound Level (PWL)	dB(A)	63-64-64	67-67-68	
Outdoor Unit	Dimensions	H*W*D	mm	1338-1050-330(+40)	1338-1050-330(+40)
	Weight	kg		129	138
	Air Volume	Cooling	m³/min	140	140
	Heating	m³/min	140	140	
	Sound Level (SPL)	Cooling	dB(A)	58	59
	Heating	dB(A)	60	62	
	Sound Level (PWL)	Cooling	dB(A)	78	77
	Operating Current(Max)	A	22.5	22.5	
	Breaker Size	A	32	32	
Ext. Piping	Diameter <sup>(2)</sup>	Liquid/Gas	mm	9.52 / 25.4	12.7 / 25.4
	Max.Length	Out-In	m	70	70
	Max.Height	Out-In	m	30	30
Guaranteed Operating Range (Outdoor)	Cooling <sup>(3)</sup>	°C	-15~+46	-15~+46	
	Heating	°C	-20~+21	-20~+21	

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\*2 Optional air protection guide is required where ambient temperature is lower than -5°C.  
\*3 Joint pipe is required depending on installed refrigerant pipes, outdoor units and indoor units.

**PEA-M SERIES**  
POWER INVERTER



Type		Inverter Heat Pump				
Indoor Unit		PEA-M200LA		PEA-M250LA		
Outdoor Unit		PUHZ-ZRP200YKA3		PUHZ-ZRP250YKA3		
Refrigerant <sup>*1)</sup>		R410A <sup>*1)</sup>				
Power Supply		Separate power supply				
Outdoor (V/Phase/Hz)		400 / Three / 50				
Cooling	Capacity	Rated	kW	19.0	22.0	
		Min - Max	kW	9.0 - 22.4	11.2 - 27.0	
	Total Input	Rated	kW	5.937	7.971	
	EER			3.20	2.76	
Heating (Average Season)	Capacity	Rated	kW	-	-	
		Min - Max	kW	22.4	27.0	
	Total Input	Rated	kW	9.5 - 25	12.5 - 31	
	COP			6.530	8.181	
Operating Current (max)				3.43	3.30	
Indoor Unit	Input (Cooling / Heating)	Rated	kW	22.2	24.4	
	Operating Current (max)		A	0.35 / 0.35	0.53 / 0.53	
	Dimensions	H x W x D	mm	3.1	470-1370-1120	
	Weight		kg		87	
	Air Volume (Lo-Mid-Hi)		m <sup>3</sup> /min	42-51-60(60Pa-150Pa) 42-51-55(200Pa)	50-61-72(60Pa-100Pa) 45-55-65(150Pa) 45-50-55(200Pa)	
	External Static Pressure		Pa		(60)/75/(100)/(150)/(200)	
	Sound Level (SPL) (Lo-Mid-Hi)		dB(A)	35-40-43	38-43-47	
	Sound Level (PWL)		dB(A)	63-64-64	67-67-68	
	Outdoor Unit	Dimensions	H x W x D	mm	1338-1050-330(+40)	1338-1050-330(+40)
		Weight		kg	135	135
Air Volume		Cooling	m <sup>3</sup> /min	140	140	
		Heating	m <sup>3</sup> /min	140	140	
Sound Level (SPL)		Cooling	dB(A)	59	59	
		Heating	dB(A)	62	62	
Sound Level (PWL)		Cooling	dB(A)	77	77	
		Operating Current (max)		A	19	21
Breaker Size			A	32	32	
Ext. Piping		Diameter <sup>*3)</sup>	Liquid / Gas	mm	9.52/25.4	12.7/25.4
	Max. Length	Out-In	m	100	100	
	Max. Height	Out-In	m	30	30	
Guaranteed Operating Range (Outdoor)	Cooling <sup>*2)</sup>	°C	-15 ~ +46	-15 ~ +46		
	Heating	°C	-20 ~ +21	-20 ~ +21		

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\*3 Joint pipe is required depending on installed refrigerant pipes, outdoor units and indoor units.

**PEA-M SERIES**  
STANDARD INVERTER



Type		Inverter Heat Pump				
Indoor Unit		PEA-M200LA		PEA-M250LA		
Outdoor Unit		PUHZ-P200YKA3		PUHZ-P250YKA3		
Refrigerant <sup>*1)</sup>		R410A <sup>*1)</sup>				
Power Supply		Separate power supply				
Outdoor (V/Phase/Hz)		400 / Three / 50				
Cooling	Capacity	Rated	kW	19.0	22.0	
		Min - Max	kW	9.0-22.4	11.2-27.0	
	Total Input	Rated	kW	6.188	8.058	
	EER			3.07	2.73	
Heating (Average Season)	Capacity	Rated	kW	22.4	27.0	
		Min - Max	kW	9.5-25	12.5-31	
	Total Input	Rated	kW	6.706	8.437	
	COP			3.34	3.20	
Operating Current (max)				22.2	24.4	
Indoor Unit	Input (Cooling / Heating)	Rated	kW	0.35/0.35	0.53/0.53	
	Operating Current (max)		A	3.1	3.4	
	Dimensions	H x W x D	mm	3.1	470-1370-1120	
	Weight		kg		87	
	Air Volume (Lo-Mid-Hi)		m <sup>3</sup> /min	42-51-60(60Pa-150Pa) 42-51-55 (200Pa)	50-61-72(60Pa-100Pa) 45-55-65(150Pa) 45-50-55(200Pa)	
	External Static Pressure		Pa		(60)/75/(100)/(150)/(200)	
	Sound Level (SPL) (Lo-Mid-Hi)		dB(A)	35-40-43	38-43-47	
	Sound Level (PWL)		dB(A)	63-64-64	67-67-68	
	Outdoor Unit	Dimensions	H x W x D	mm	1338-1050-330(+40)	1338-1050-330(+40)
		Weight		kg	127	135
Air Volume		Cooling	m <sup>3</sup> /min	140	140	
		Heating	m <sup>3</sup> /min	140	140	
Sound Level (SPL)		Cooling	dB(A)	58	59	
		Heating	dB(A)	60	62	
Sound Level (PWL)		Cooling	dB(A)	78	77	
		Operating Current (max)		A	19	21
Breaker Size			A	32	32	
Ext. Piping		Diameter <sup>*3)</sup>	Liquid / Gas	mm	9.52/25.4	12.7/25.4
	Max. Length	Out-In	m	70	70	
	Max. Height	Out-In	m	30	30	
Guaranteed Operating Range (Outdoor)	Cooling <sup>*2)</sup>	°C	-15 ~ +46	-15 ~ +46		
	Heating	°C	-20 ~ +21	-20 ~ +21		

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\*3 Joint pipe is required depending on installed refrigerant pipes, outdoor units and indoor units.

# PKA SERIES

The compact, wall-mounted indoor units offer the convenience of simple installation, and a large product line-up (M35-M100 models) ensures a best-match solution. Designed for highly efficient energy savings, the PKA Series is the answer to your air conditioning needs.

PKA-M35/50LA(L)2



PKA-M60/71/100KA(L)2



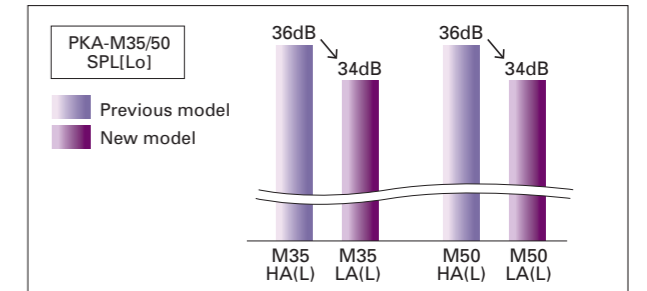
## New Design (M35-50)

A sharp and simple form that combines beauty and function. The simple square design harmonizes beautifully with the straight lines created by the intersection of the walls, floor and ceiling of the space, leading to a better quality of space. Also adopted a new white body color. It will make your life and space beautiful and comfortable without disturbing the atmosphere of the room. In addition, we realized miniaturization of conventional model. It contributes to space saving of installation area and giving room to room space.



## Quietness (M35-50)

The noise level has been significantly reduced compared to the conventional model by reviewing the unit structure and improving the line flow fan.



## New Wireless Remote Controller Included

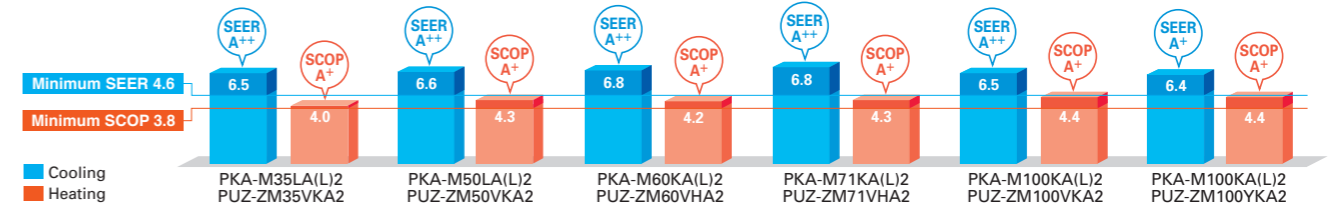
The PKA-KAL2 series wireless remote controller has been updated. It now comes with a new stylish remote controller that fits comfortably in your hand and has a wide range of useful functions.



- Main Functions of new Wireless Remote Controller**
- Weekly Timer
  - Backlight
  - Dual set point
  - Battery replacement sign etc...

## ErP Lot 10 Compliant with High Energy-efficiency Achieving SEER/SCOP Rank A, A+ and A++

Highly efficient indoor unit heat exchangers and newly designed power inverters (PUHZ-ZM) contribute to an amazing reduction in electricity consumption throughout a year, and have resulted in models in the full-capacity range attaining the rank A, A+ and A++ energy savings rating.



## Airflow Control - Horizontal Airflow - (M35-50)

Significantly improved airflow control to achieve horizontal airflow. This reduces the feeling of draft even on a wall-mounted model, and air conditioning the indoor space firmly.

### Airflow distributions

