

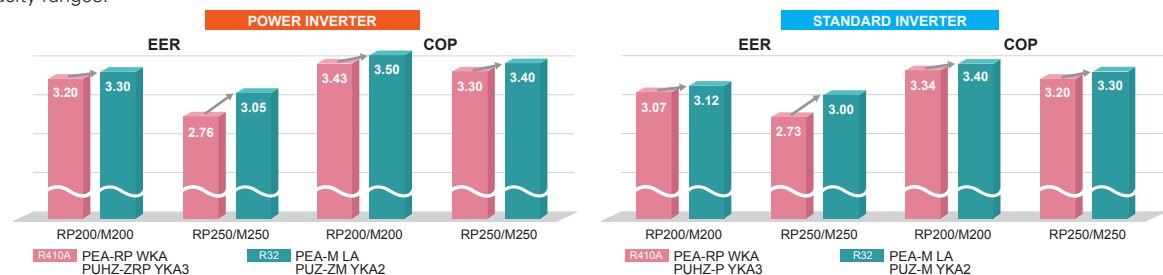
PEA SERIES

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.



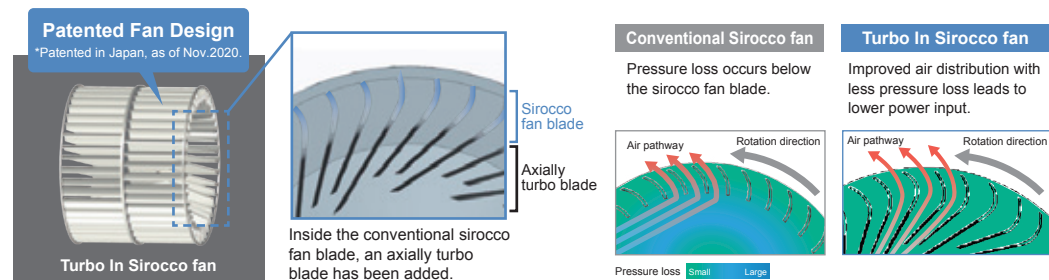
Improved Energy Efficiency

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

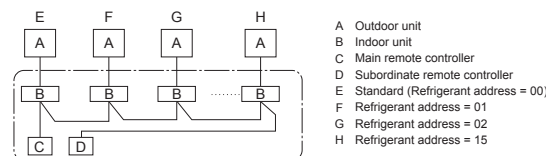
200Pa setting is newly added enabling total of five static pressure level. The ability to select additional static pressure enables long duct and more freedom in design.

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.



Indoor Unit

PEA-M200/250LA

Outdoor Unit

Power Inverter Series
R410A
PUHZ-ZRP200/250

Power Inverter Series
R32
PUZ-M200/250

Standard Inverter Series
R410A
PUHZ-P200/250

Standard Inverter Series
R32
PUZ-M200/250

Remote Controller

Optional

PEA-M SERIES POWER INVERTER



Type	Inverter Heat Pump			
Indoor Unit	PEA-M200LA		PEA-M250LA	
Outdoor Unit	PUZ-ZM200YKA2		PUZ-ZM250YKA2	
Refrigerant ⁽¹⁾			R32	
Power Supply	Source		Separate power supply	
Cooling	Outdoor(V/Phase/Hz)		400/Three/50	
	Capacity	Rated	kW	19.0
		Min-Max	kW	9.2 - 22.4
	Total Input	Rated	kW	5.757
	EER			3.30
Heating	Capacity	Rated	kW	22.4
		Min-Max	kW	7.1 - 25
	Total Input	Rated	kW	6.400
	COP			3.50
Operating	Current(Max)		A	
Indoor Unit	Input (cooling / Heating)		Rated	kW
	Operating Current(Max)		A	
	Dimensions		H*W*D	mm
	Weight		kg	
	Air Volume (Lo-Mi2-Mi1-Hi)		m³/min	
	External Static Pressure		Pa	
	Sound Level (Lo-Mi2-Mi1-Hi) (SPL)		dB(A)	
	Sound Level (PWL)		dB(A)	
	Dimensions		H*W*D	mm
	Weight		kg	
Outdoor Unit	Air Volume		Cooling	m³/min
			Heating	m³/min
	Sound Level (SPL)		Cooling	dB(A)
			Heating	dB(A)
	Sound Level (PWL)		Cooling	dB(A)
	Operating Current(Max)		A	
	Breaker Size		A	
	Diameter ⁽²⁾		Liquid/Gas	mm
	Max.Length		Out-In	m
	Max.Height		Out-In	m
Guaranteed Operating Range (Outdoor)		Cooling ⁽²⁾	°C	
		Heating	°C	

*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 CO₂, 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-M200YKA2		PUZ-M250YKA2	
Refrigerant ⁽¹⁾	R32			
Power Supply	Separate power supply			
Cooling	Source	Outdoor(V/Phase/Hz)		
	Capacity	Rated	kW	19.0
	Min-Max	kW	9.2 - 22.4	9.9 - 27.0
	Total Input	Rated	kW	6.089
Heating	EER	Rated		3.00
	Capacity	Rated	kW	22.4
	Min-Max	kW	6.8 - 25	7.3 - 31
	Total Input	Rated	kW	6.588
Operating	COP	Rated		3.30
	Current(Max)		A	25.7
	Input [cooling / Heating]	Rated	kW	0.35/0.35
	Operating Current(Max)		A	3.1
Indoor Unit	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)
Outdoor Unit	Sound Level (Lo-Mi2-Mi1-Hi) (SPL)		dB(A)	35-40-43
	Sound Level (PWL)		dB(A)	63-64-64
	Dimensions	H*W*D	mm	1338-1050-330(+40)
	Weight		kg	129
Ext.Piping	Air Volume	Cooling	m³/min	140
	Sound Level (SPL)	Heating	m³/min	140
	Sound Level (PWL)	Cooling	dB(A)	58
	Operating Current(Max)	Heating	dB(A)	60
Guaranteed Operating Range (Outdoor)	Breaker Size		A	22.5
	Diameter ⁽²⁾	Liquid/Gas	mm	9.52 / 25.4
	Max.Length	Out-In	m	70
	Max.Height	Out-In	m	30

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PEA-M SERIES
POWER INVERTER



Type				Inverter Heat Pump			
Indoor Unit				PEA-M200LA		PEA-M250LA	
Outdoor Unit				PUHZ-ZRP200YKA3		PUHZ-ZRP250YKA3	
Refrigerant ^{*1)}				R410A ^{*1)}			
Power Supply	Source			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	3.4	
	Weight		kg		87		
	Air Volume (Lo-Mid-Hi)		m ³ /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	
	Dimensions	H x W x D	mm	1338-1050-330(+40)		1338-1050-330(+40)	
	Weight		kg	135		135	
	Air Volume	Cooling	m ³ /min	140		140	
Outdoor Unit		Heating	m ³ /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	
	Diameter ^{*3)}	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 ^{*2)}	°C	-15 ~ +46		-15 ~ +46	
		Heating	°C	-20 ~ +21		-20 ~ +21	

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PEA-M SERIES
STANDARD INVERTER



Type				Inverter Heat Pump			
Indoor Unit				PEA-M200LA		PEA-M250LA	
Outdoor Unit				PUHZ-P200YKA3		PUHZ-P250YKA3	
Refrigerant ^{*1)}				R410A ^{*1)}			
Power Supply	Source			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	
				22.2		24.4	
Operating Current (max)				3.1		3.4	
Indoor Unit	Input (Cooling / Heating)	Rated	kW	0.35/0.35		0.53/0.53	
	Operating Current (max)		A				
	Dimensions	H x W x D	mm		470-1370-1120		
	Weight		kg		87		
	Air Volume (Lo-Mid-Hi)		m ³ /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	
	Dimensions	H x W x D	mm		1338-1050-330(+40)		
	Weight		kg	127		135	
	Air Volume	Cooling	m ³ /min	140		140	
Outdoor Unit		Heating	m ³ /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	
	Diameter ^{*3)}	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 ^{*2)}	°C	-15~+46		-15~+46	
		Heating	°C	-20~+21		-20~+21	

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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.

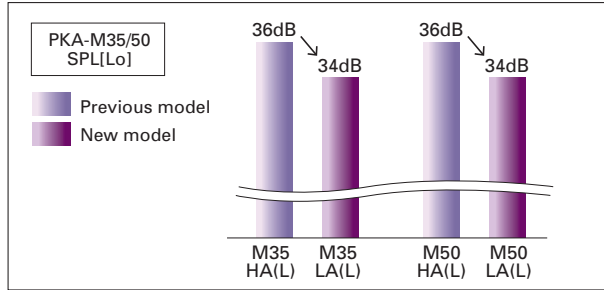
New Design (M35-50)

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

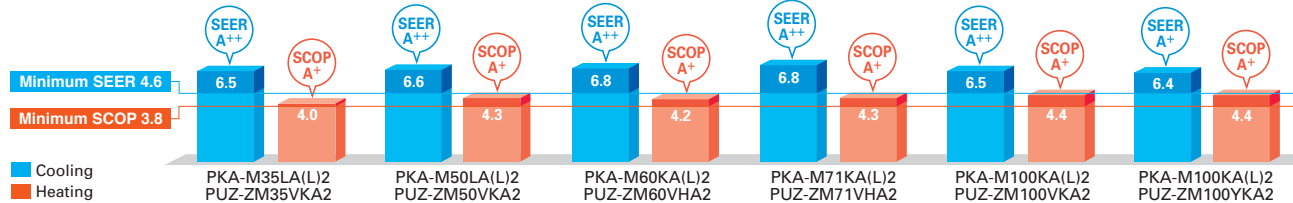
The PKA-KAL2 series wireless remote controller has been updated. It now comes with a new stylish remote controller that fits comfortably in your hand and has a wide range of useful functions.



- 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 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

