

# PEA SERIES

The PEA series is a large capacity ceiling-concealed type indoor units which are visually discreet blending into various environments. The PEA model realizes improved energy efficiency with a patented fan called Turbo In Sirocco fan. A wider option of external static pressure up to 250Pa allows authentic ducted air-conditioning with an elegant interior layout. In addition, the PEA series has a separated structure that enables delivery into a narrow space.



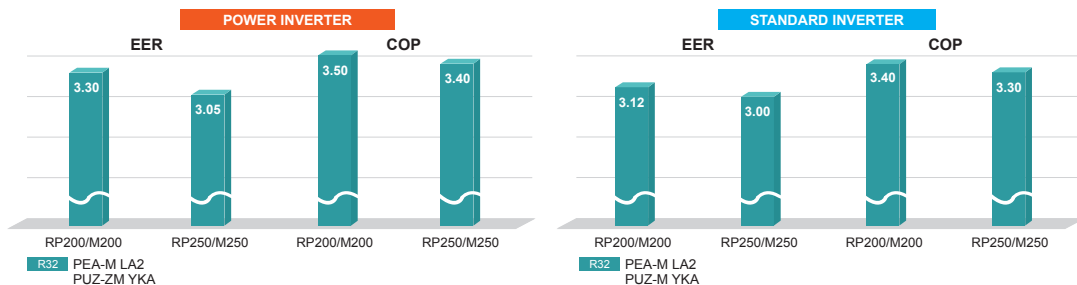
PEA-M200/250LA2



The separated structure increases the efficiency of delivery into a narrow space.

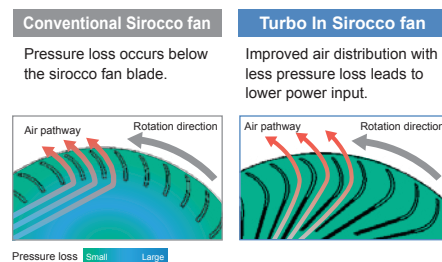
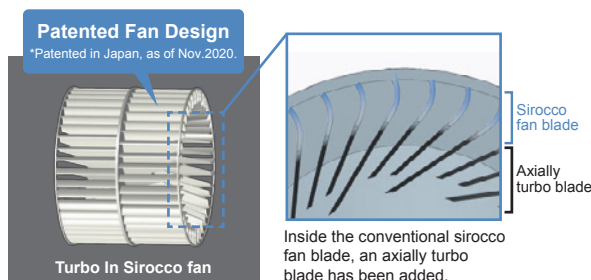
## Improved Energy Efficiency

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



## Low input with Fan Design

The PEA series applies a designed fan; a Turbo In Sirocco fan which realizes high efficiency with a lower power input. The 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

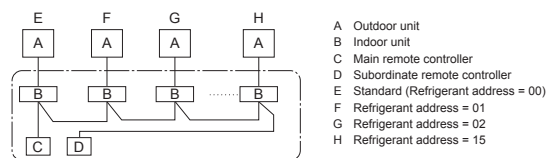
250Pa setting is newly added enabling total of five static pressure level. The ability to select additional static pressure enables long duct and more freedom in design.

PEA-M200/250LA2 75/<100>/<150>/<200>/<250> 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		
<p><b>Indoor Unit</b></p> <p>PEA-M200/250LA2</p>	<p><b>Outdoor Unit</b></p> <p><b>Power Inverter Series</b></p> <p>PUHZ-ZRP200/250</p> <p><b>Standard Inverter Series</b></p> <p>PUHZ-P200/250</p> <hr/> <p><b>Power Inverter Series</b></p> <p>PUZ-ZM200/250</p> <p><b>Standard Inverter Series</b></p> <p>PUZ-M200/250</p>	<p><b>Remote Controller</b></p> <p>Optional</p> <p>Optional</p> <p>Optional</p>

# PEA-M SERIES

## POWER INVERTER



Type				Inverter Heat Pump				
Indoor Unit				PEA-M200LA2		PEA-M250LA2		
Outdoor Unit				PUZ-ZM200YKA2		PUZ-ZM250YKA2		
Refrigerant <sup>(*)</sup>				R32				
Power Supply				Separate power supply 400/Three/50				
Cooling	Capacity	Rated	kW	19.0		22.0		
		Min-Max	kW	9.2 - 22.4		9.9 - 27.0		
	Total Input	Rated	kW	5.757		7.213		
	EER			3.30		3.05		
Heating	Capacity	Rated	kW	22.4		27.0		
		Min-Max	kW	7.1 - 25.0		7.3 - 31.0		
	Total Input	Rated	kW	6.400		7.941		
	COP			3.50		3.40		
Operating Current(Max)		A	27.3		27.3			
Indoor Unit	Input (cooling / Heating )	Rated	kW	0.32		0.48		
	Operating Current(Max)		A	4.8		4.8		
	Dimensions	H x W x D	mm	470-1370-1120				
	Weight		kg	88				
	Air Volume (Lo-Mid-Hi)	Normal airflow mode	m³/min	42.0-51.0-60.0		50.0-61.0-72.0 (75Pa-200Pa) 42.0-51.0-60.0 (250Pa)		
		High airflow mode	m³/min	50.0-61.0-72.0 (75Pa-200Pa) 42.0-51.0-60.0 (250Pa)		58.0-72.0-84.0 (75Pa-150Pa) 50.0-61.0-72.0 (200Pa) 42.0-51.0-60.0 (250Pa)		
	External Static Pressure		Pa	75/(100)/(150)/(200)/(250)				
	Sound Level (Lo-Mi2-Mi1-Hi) (SPL)		dB(A)	34.5-39.0-43.0		37.5-42.0-46.0		
	Sound Level (PWL)		dB(A)	69.0-70.0-70.0		71.0-71.0-72.0		
Outdoor Unit	Dimensions	H x W x 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	
		Heating	dB(A)		77		77	
	Operating Current(Max)		A	22.5		22.5		
	Breaker Size		A	32		32		
Ext.Piping	Diameter <sup>(**)</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>(**)</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-M200LA2		PEA-M250LA2		
Outdoor Unit				PUZ-M200YKA2		PUZ-M250YKA2		
Refrigerant <sup>(*)</sup>				R32				
Power Supply				Separate power supply 400/Three/50				
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 - 25.0		7.3 - 31.0		
	Total Input	Rated	kW	6.588		8.181		
	COP			3.40		3.30		
Operating Current(Max)		A	27.3		27.3			
Indoor Unit	Input (cooling / Heating )	Rated	kW	0.32		0.48		
	Operating Current(Max)		A	4.8		4.8		
	Dimensions	H x W x D	mm	470-1370-1120				
	Weight		kg	88				
	Air Volume (Lo-Mid-Hi)	Normal airflow mode	m³/min	42.0-51.0-60.0		50.0-61.0-72.0 (75Pa-200Pa) 42.0-51.0-60.0 (250Pa)		
		High airflow mode	m³/min	50.0-61.0-72.0 (75Pa-200Pa) 42.0-51.0-60.0 (250Pa)		58.0-72.0-84.0 (75Pa-150Pa) 50.0-61.0-72.0 (200Pa) 42.0-51.0-60.0 (250Pa)		
	External Static Pressure		Pa	75/(100)/(150)/(200)/(250)				
	Sound Level (Lo-Mi2-Mi1-Hi) (SPL)		dB(A)	34.5-39.0-43.0		37.5-42.0-46.0		
	Sound Level (PWL)		dB(A)	69.0-70.0-70.0		71.0-71.0-72.0		
Outdoor Unit	Dimensions	H x W x 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	
		Heating	dB(A)		77		77	
	Operating Current(Max)		A	22.5		22.5		
	Breaker Size		A	32		32		
Ext.Piping	Diameter <sup>(**)</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>(**)</sup>	°C		-15 - 46		-15 - 46		
	Heating	°C		-20 - 21		-20 - 21		

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