

PEA SERIES

R32
R410A



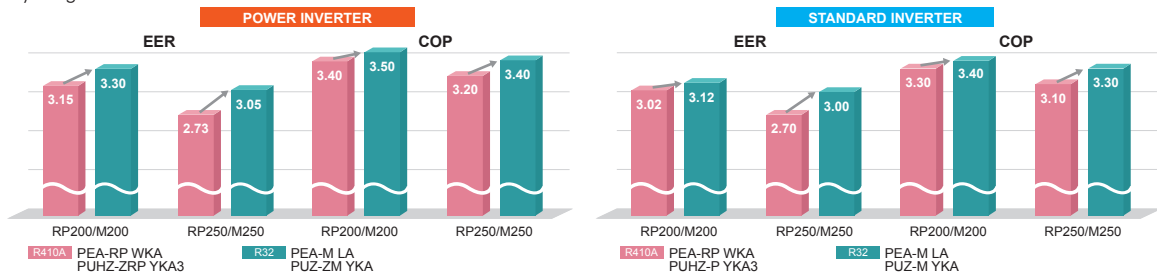
PEA-M200/250LA



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.

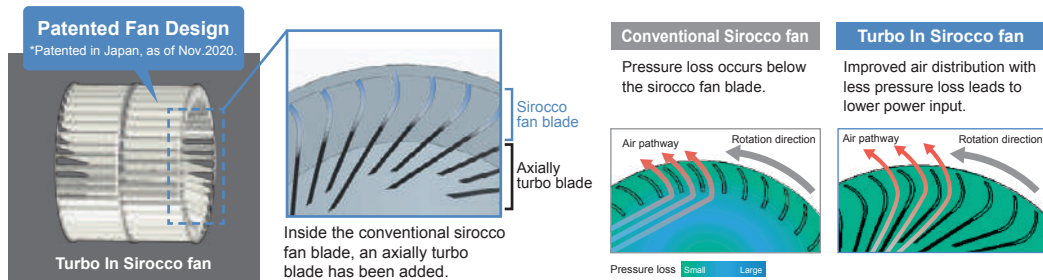
Improved Energy Efficiency

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

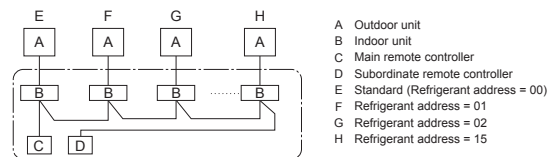
200Pa setting is newly added enabling total of five static pressure level. The ability to select additional static pressure enables long duct and more freedom in design.

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-40MAA Group Control

The PAR-40MAA 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>Indoor Unit</p> <p>PEA-M200/250LA</p>	<p>Outdoor Unit</p> <p>Power Inverter Series R410A PUHZ-ZRP200/250</p> <p>Standard Inverter Series R410A PUHZ-P200/250</p> <hr/> <p>Power Inverter Series R32 PUZ-ZM200/250</p> <p>Standard Inverter Series R32 PUZ-M200/250</p>	<p>Remote Controller</p> <p>Optional Optional Optional</p>

PEA-M SERIES

POWER INVERTER



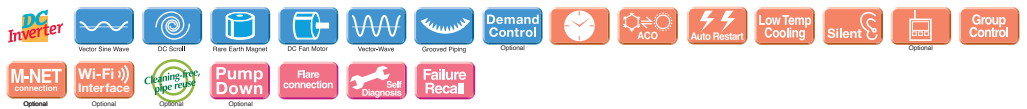
Type				Inverter Heat Pump				
Indoor Unit				PEA-M200LA		PEA-M250LA		
Outdoor Unit				PUZ-M200YKA		PUZ-M250YKA		
Refrigerant				R32*1				
Power Supply		Source		Separate power supply				
Outdoor (V/Phase/Hz)				400 / Three / 50				
Cooling	Capacity	Rated	kW	19.0		22.0		
		Min - Max	kW	9.2 - 22.4		9.9 - 27.0		
	Total Input	Rated	kW	5.757		7.213		
	EER			3.30		3.05		
		EEL Rank		-		-		
Heating (Average Season)	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		
		EEL Rank		-		-		
Operating Current (max)				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 x W x D	mm				
	Weight		kg	87				
	Air Volume [Lo-Mid-Hi]		m³/min	42 - 51 - 60 (60Pa - 150Pa)		42 - 51 - 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			
		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	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		

*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.

PEA-M SERIES

STANDARD INVERTER



Type				Inverter Heat Pump				
Indoor Unit				PEA-M200LA		PEA-M250LA		
Outdoor Unit				PUZ-M200YKA		PUZ-M250YKA		
Refrigerant				R32*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	9.2 - 22.4		9.9 - 27.0		
	Total Input	Rated	kW	6.089		7.333		
	EER			3.12		3.00		
		EEL Rank		-		-		
Heating (Average Season)	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		
		EEL Rank		-		-		
Operating Current (max)				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 x W x D	mm				
	Weight		kg	87				
	Air Volume [Lo-Mid-Hi]		m³/min	42 - 51 - 60 (60Pa - 150Pa)		42 - 51 - 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			
		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	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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*2 Optional air protection guide is required where ambient temperature is lower than -5°C.

PEA-M SERIES

POWER INVERTER



Type		Inverter Heat Pump				
Indoor Unit		PEA-M200LA		PEA-M250LA		
Outdoor Unit		PUHZ-ZRP200YKA3		PUHZ-ZRP250YKA3		
Refrigerant		R410A*1				
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	
EEL Rank		-				
Heating (Average Season)	Capacity	Rated	kW	22.4	27.0	
		Min - Max	kW	9.5 - 25.0	12.5 - 31.0	
	Total Input	Rated	kW	6.530	8.181	
	COP			3.43	3.30	
EEL Rank		-				
Operating Current (max)		22.2				
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	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	
	Outdoor Unit	Dimensions		H x W x D	mm	1338 - 1050 - 330 (+40)
		Weight			kg	135
Air Volume		Cooling	m ³ /min	140		
		Heating	m ³ /min	140		
Sound Level (SPL)		Cooling	dB(A)	59		
		Heating	dB(A)	62		
Sound Level (PWL)		Cooling	dB(A)	77		
		Operating Current (max)		A	19.0	21.0
Breaker Size		A		32		
Ext. Piping		Diameter	Liquid / Gas	mm	9.52 / 25.4	12.7 / 25.4
	Max. Length	Out-In	m	100		
	Max. Height	Out-In	m	30		
Guaranteed Operating Range [Outdoor]		Cooling*2	°C	-15 ~ +46		
		Heating	°C	-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		R410A*1				
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	
EEL Rank		-				
Heating (Average Season)	Capacity	Rated	kW	22.4	27.0	
		Min - Max	kW	9.5 - 25.0	12.5 - 31.0	
	Total Input	Rated	kW	6.706	8.437	
	COP			3.34	3.20	
EEL Rank		-				
Operating Current (max)		22.2				
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	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	
	Outdoor Unit	Dimensions		H x W x D	mm	1338 - 1050 - 330 (+40)
		Weight			kg	127
Air Volume		Cooling	m ³ /min	140		
		Heating	m ³ /min	140		
Sound Level (SPL)		Cooling	dB(A)	58		
		Heating	dB(A)	60		
Sound Level (PWL)		Cooling	dB(A)	78		
		Operating Current (max)		A	19.0	21.0
Breaker Size		A		32		
Ext. Piping		Diameter	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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