

# 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		470 - 1370 - 1120		
	Weight		kg	87				
	Air Volume [Lo-Mid-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 (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	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 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.

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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		470 - 1370 - 1120		
	Weight		kg	87				
	Air Volume [Lo-Mid-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 (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	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		

\*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.

# 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		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		
		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				
	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	135			
Air Volume		Cooling	m³/min	140				
		Heating	m³/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		-15 ~ +46		
		Heating	°C	-20 ~ +21		-20 ~ +21		

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# PEA-M SERIES

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Type				Inverter Heat Pump				
Indoor Unit				PEA-M200LA		PEA-M250LA		
Outdoor Unit				PUHZ-P200YKA3		PUHZ-P250YKA3		
Refrigerant				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		
		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				
	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	127			
Air Volume		Cooling	m³/min	140				
		Heating	m³/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				
	Max. Height	Out-In	m	30				
Guaranteed Operating Range [Outdoor]		Cooling*2	°C	-15 ~ +46		-15 ~ +46		
		Heating	°C	-20 ~ +21		-20 ~ +21		

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