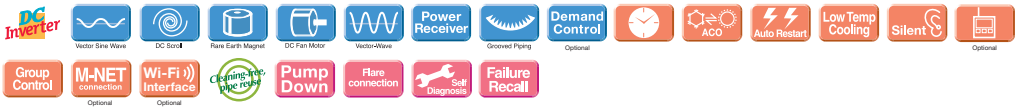
PEA-M SERIES
POWER INVERTER



Type						
Indoor Unit					PEA-M200LA2	PEA-M250LA2
Outdoor Unit					PUZ-ZM200YKA3	PUZ-ZM250YKA3
Refrigerant (*1)					R32	
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		5.758	7.214
	EER				3.30	3.05
	Design load		kW		19.0	22.0
	Annual electricity consumption		kWh/a		1938	2436
	SEER				5.88	5.42
		Energy efficiency class			–	–
	ηsc		%		232.2%	213.7%
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	7.942
	COP				3.50	3.40
	Design load		kW		18.9	20.2
	Declared Capacity	at reference design temperature	kW		18.9 (-10°C)	20.2 (-10°C)
		at bivalent temperature	kW		18.9 (-10°C)	20.2 (-10°C)
		at operation limit temperature	kW		8.0 (-20°C)	10.7 (-20°C)
	Back up heating capacity		kW		0.0	0.0
	Annual electricity consumption		kWh/a		7320	7925
	SCOP				3.61	3.57
		Energy efficiency class			–	–
	ηsh		%		141.6%	139.7%
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*W*D		mm	470 - 1370 - 1120	470 - 1370 - 1120
	Weight			kg	88	88
	Air Volume (Lo-Mid-Hi)			m^3/min	42.0 - 51.0 - 60.0	50.0 - 61.0 - 72.0
	External Static Pressure			Pa	75 - <100> - <150> - <200> - <250>	75 - <100> - <150> - <200> - <250>
	Sound Level (Lo-Mid-Hi) (SPL)			dB(A)	34.5 - 39.0 - 43.0	37.5 - 42.0 - 46.0
	Sound Level (PWL)			dB(A)	69 - 70 - 70	71 - 71 - 72
Outdoor Unit	Dimensions	H*W*D		mm	943 - 950 - 370	943 - 950 - 370
	Weight			kg	137	138
	Air Volume	Cooling		m^3/min	140	140
		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	22.5	22.5
	Breaker Size			A	32	32
Ext. Piping	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

*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 675. This means that if 1 kg of this refrigerant fluid would be leaked to the atmosphere, the impact on global warming would be 675 times higher than 1 kg of CO_2, 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. The GWP of R32 is 675 in the IPCC 4th Assessment Report.
*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						
Indoor Unit					PEA-M200LA2	PEA-M250LA2
Outdoor Unit					PUZ-M200YDA	PUZ-M250YDA
Refrigerant (*1)					R32	
Power Supply	Source				Separate power supply	
	Outdoor (V/Phase/Hz)				400/Three/50	
Cooling	Capacity	Rated	kW		19.0	22.0
		Min-Max	kW		6.6 - 22.4	7.6 - 26.0
	Total Input	Rated	kW		6.334	7.587
	EER				3.00	2.90
	Design load		kW		19.0	22.0
	Annual electricity consumption		kWh/a		2071	2442
	SEER				5.50	5.40
		Energy efficiency class			–	–
	ηsc		%		217.2%	213.2%
Heating	Capacity	Rated	kW		22.4	24.0
		Min-Max	kW		5.4 - 25.0	6.3 - 27.6
	Total Input	Rated	kW		6.589	7.273
	COP				3.40	3.30
	Design load		kW		15.5	17.0
	Declared Capacity	at reference design temperature	kW		15.5 (-10°C)	17.0 (-10°C)
		at bivalent temperature	kW		15.5 (-10°C)	17.0 (-10°C)
		at operation limit temperature	kW		8.0 (-20°C)	10.7 (-20°C)
	Back up heating capacity		kW		0.0	0.0
	Annual electricity consumption		kWh/a		5751	6635
	SCOP				3.77	3.59
		Energy efficiency class			–	–
	ηsh		%		147.9%	140.5%
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*W*D		mm	470 - 1370 - 1120	470 - 1370 - 1120
	Weight			kg	88	88
	Air Volume (Lo-Mid-Hi)			m^3/min	42.0 - 51.0 - 60.0	50.0 - 61.0 - 72.0
	External Static Pressure			Pa	75 - <100> - <150> - <200> - <250>	75 - <100> - <150> - <200> - <250>
	Sound Level (Lo-Mid-Hi) (SPL)			dB(A)	34.5 - 39.0 - 43.0	37.5 - 42.0 - 46.0
	Sound Level (PWL)			dB(A)	69 - 70 - 70	71 - 71 - 72
Outdoor Unit	Dimensions	H*W*D		mm	870 - 1100 - 505	870 - 1100 - 505
	Weight			kg	120	120
	Air Volume	Cooling		m^3/min	95	106
		Heating		m^3/min	105	115
	Sound Level (SPL)	Cooling		dB(A)	52	55
		Heating		dB(A)	59	60
	Sound Level (PWL)	Cooling		dB(A)	71	74
	Operating Current (Max)			A	22.5	22.5
	Breaker Size			A	32	32
Ext. Piping	Diameter (*3)	Liquid/Gas		mm	9.52 / 22.2	9.52 / 22.2
	Max.Length	Out-In		m	100	100
	Max.Height	Out-In		m	30	30
Guaranteed Operating Range (Outdoor)		Cooling (*2)		°C	-20 ~ 46	-20 ~ 46
		Heating		°C	-20 ~ 21	-20 ~ 21

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