

SERIES SELECTION

Eco-conscious Power Inverter Series



Indoor Unit

R32
R410A



PEAD-M35/50/60/71/100/125/140

Outdoor Unit

R32

For Single



PUZ-ZM35/50 PUZ-ZM60/71 PUZ-ZM100/125/140

R32

For Multi



PUZ-ZM71 PUZ-ZM100/125/140

Remote Controller



Optional



Optional



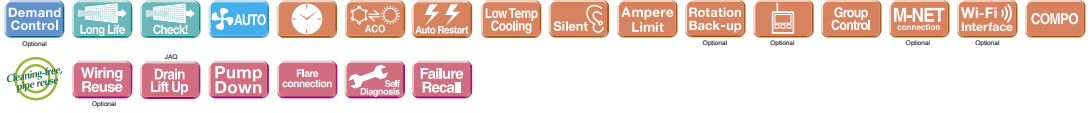
Optional

PEAD-M JA Indoor Unit Combinations Indoor unit combinations shown below are possible.

Indoor Unit Combination	Outdoor Unit Capacity																			
	For Single										For Twin					For Triple			For Quadruple	
	35	50	60	71	100	125	140	200	250	71	100	125	140	200	250	140	200	250	200	250
Power Inverter (PUZ-ZM)	35x1	50x1	60x1	71x1	100x1	125x1	140x1	-	-	35x2	50x2	60x2	71x2	-	-	50x3	-	-	-	-
Distribution Pipe	-	-	-	-	-	-	-	-	-	MSDD-50TR2-E					-	MSDT-111R2-E			-	

PEDZ-M JA SERIES

Eco-conscious Power Inverter



Type		Inverter Heat Pump												
Indoor Unit		PEAD-M35JA(L)	PEAD-M50JA(L)	PEAD-M60JA(L)	PEAD-M71JA(L)	PEAD-M100JA(L)		PEAD-M125JA(L)		PEAD-M140JA(L)				
Outdoor Unit		PUZ-ZM35VKA	PUZ-ZM50VKA	PUZ-ZM60VHA	PUZ-ZM71VHA	PUZ-ZM100VKA	PUZ-ZM100YKA	PUZ-ZM125VKA	PUZ-ZM125YKA	PUZ-ZM140VKA	PUZ-ZM140YKA			
Refrigerant		R32*1												
Power Supply		Outdoor power supply												
Source		VKA · VHA-230 / Single / 50, YKA-400 / Three / 50												
Outdoor (V/Phase/Hz)														
Cooling	Capacity	Rated	kW	3.6	5.0	6.1	7.1	9.5	9.5	12.5	12.5	13.4	13.4	
		Min - Max	kW	1.6 - 4.5	2.3 - 5.6	2.7 - 6.7	3.3 - 8.1	4.9 - 11.4	4.9 - 11.4	5.5 - 14.0	5.5 - 14.0	6.2 - 15.3	6.2 - 15.3	
	Total Input	Rated	kW	0.837(0.820)	1.201(1.187)	1.509(1.495)	1.858(1.844)	2.272(2.256)	2.272(2.256)	3.333(3.315)	3.333(3.315)	3.631(3.611)	3.631(3.611)	
		EER*5		4.30(4.39)	4.16(4.21)	4.04(4.08)	3.82(3.85)	4.18(4.21)	4.18(4.21)	3.75(3.77)	3.75(3.77)	3.69(3.71)	3.69(3.71)	
		EEL Rank		-	-	-	-	-	-	-	-	-	-	
		Design Load	Rated	kW	3.6	5.0	6.1	7.1	9.5	9.5	12.5	12.5	13.4	13.4
Heating (Average Season)	Capacity	Rated	kW	4.1	6.0	7.0	8.0	11.2	11.2	14.0	14.0	16.0	16.0	
		Min - Max	kW	1.6 - 5.2	2.5 - 7.3	2.8 - 8.2	3.5 - 10.2	4.5 - 14.0	4.5 - 14.0	5.0 - 16.0	5.0 - 16.0	5.7 - 18.0	5.7 - 18.0	
	Total Input	Rated	kW	0.917	1.312	1.616	1.932	2.598	2.598	3.349	3.349	3.970	3.970	
		COP*5		4.47	4.57	4.33	4.14	4.31	4.31	4.18	4.18	4.03	4.03	
		EEL Rank		-	-	-	-	-	-	-	-	-	-	
		Design Load	Rated	kW	2.4	3.8	4.4	4.9	7.8	7.8	9.5	9.5	10.7	10.7
Operating Current (max)	Input (Cooling / Heating)	Rated	kW	0.09/0.07	0.11/0.09	0.12/0.10	0.17/0.15	0.25/0.23	0.25/0.23	0.36/0.34	0.36/0.34	0.39/0.37	0.39/0.37	
	Operating Current (max)		A	1.07	1.39	1.62	1.97	2.65	2.65	2.76	2.76	2.78	2.78	
	Dimensions <Panel>	H x W x D	mm	250-900-732			250-1100-732			250-1400-732			250-1600-732	
	Weight <Panel>		kg	26(25) 27(26)			30(29) 30(29)			39(38) 40(39)			44(43) 44(43)	
	Air Volume (Lo-Mid-Hi)		m³/min	10.0-12.0-14.0			12.0-14.5-17.0			14.5-18.0-21.0			17.5-21.0-25.0	
	External Static Pressure		Pa	35 / 50 / 70 / 100 / 150			35 / 50 / 70 / 100 / 150			35 / 50 / 70 / 100 / 150			35 / 50 / 70 / 100 / 150	
	Sound Level (SPL) (Lo-Mid-Hi)		dB(A)	23 - 27 - 30			26 - 31 - 35			25 - 29 - 33			26 - 30 - 34	
	Sound Level (PWL)		dB(A)	54			55			58			62	
	Dimensions	H x W x D	mm	630 - 809 - 300			943 - 950 - 330(+25)			1166 - 1170 - 330(+25)			1338 - 1050 - 330(+40)	
	Weight		kg	46			46			70			70	
	Air Volume	Cooling	m³/min	45			45			55			55	
		Heating	m³/min	45			45			55			55	
Sound Level (SPL)	Cooling	dB(A)	44			44			47			47		
	Heating	dB(A)	46			46			49			49		
Sound Level (PWL)	Cooling	dB(A)	65			65			67			67		
	Heating	dB(A)	65			65			67			67		
Operating Current (max)		A	13.0			13.0			19.0			19.0		
Breaker Size		A	16			16			25			25		
Ext. Piping	Diameter	Liquid / Gas	mm	6.35 / 12.7			6.35 / 12.7			9.52 / 15.88			9.52 / 15.88	
	Max. Length	Out-In	m	50			50			55			55	
	Max. Height	Out-In	m	30			30			30			30	
Guaranteed Operating Range [Outdoor]	Cooling*3	°C	-15 ~ +46			-15 ~ +46			-15 ~ +46			-15 ~ +46		
	Heating	°C	-11 ~ +21			-11 ~ +21			-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 550. This means that if 1 kg of this refrigerant fluid would be leaked to the atmosphere, the impact on global warming would be 550 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.
 The GWP of R32 is 675 in the IPCC 4th Assessment Report.
 *2 Energy consumption based on standard test results. Actual energy consumption will depend on how the appliance is used and where it is located.
 *3 Optional air protection guide is required where ambient temperature is lower than -5°C.