

PKA SERIES

PKA-M35/50HA(L)

R32
R410A



PKA-M60/71/100KA(L)

R32
R410A



The compact, wall-mounted indoor units offer the convenience of simple installation, and a large product line-up (M35-M100 models) ensures a best-match solution. Designed for highly efficient energy savings, the PKA Series is the answer to your air conditioning needs.

Wired & Wireless Model

Wired models are newly added in P Series line-up. The diverse selection enables the base solution for both customer and location.



Flat Panel & Pure White Finish

A flat panel layout has been adopted for all models. Pursuing a design that harmonizes with virtually any interior, the unit colour has been changed from white to pure white.



PKA-M HA(L)



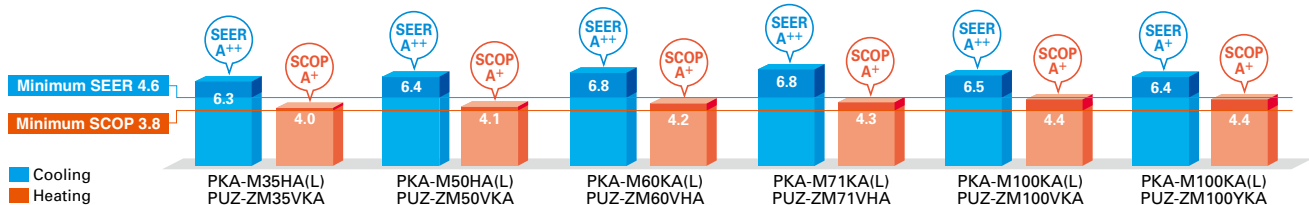
PKA-M KA(L)



Flat panel is easy to clean!

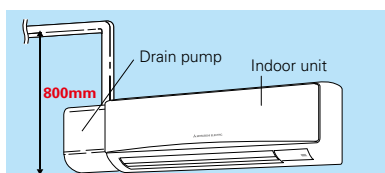
ErP Lot 10 Compliant with High Energy-efficiency Achieving SEER/SCOP Rank A, A+ and A++

Highly efficient indoor unit heat exchangers and newly designed power inverters (PUHZ-ZM) contribute to an amazing reduction in electricity consumption throughout a year, and have resulted in models in the full-capacity range attaining the rank A, A+ and A++ energy savings rating.



Drain Pump Option Available with All Models

Installation of the drain pump enables a drain outlet as high as 800mm above the base of the indoor unit. Drain water can be discharged easily even if the surface where the wall-mounted unit does not have direct access outside, increasing the degree of freedom for installation.



Multi-function Wired Remote Controller

In addition to using the wireless remote controller that comes as standard equipment, PAR-40MAA and PAC-YT52CRA wired remote controllers can be used as well.

* Connection to PAR-40MAA/PAC-YT52CRA requires PAC-SH29TC-E (optional).

- Night Setback
- Energy-saving Mode
- Multi Language
- Weekly Timer
- Refrigerant Leak Check

* For details, please refer to page 183.



SERIES SELECTION

Power Inverter Series



Indoor Unit

R32
R410A



PKA-M35/50HA(L)

R32
R410A



PKA-M60/71/100KA(L)

Outdoor Unit

R32

For Single



PUZ-ZM35/50

PUZ-ZM60/71

PUZ-ZM100/125/140

R32

For Multi
(Twin/Triple/Quadruple)



PUZ-ZM71

PUZ-ZM100/125/140/200/250

Remote Controller



Optional (*)



Optional



Optional (*)



(*) PAC-SH29TC-E is required (optional)

PKA-M HA(L)/KA(L) 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 (PUHZ-ZRP)	35x1	50x1	60x1	71x1	100x1	-	-	-	-	35x2	50x2	60x2	71x2	100x2	-	50x3	60x3	71x3	50x4	60x4
Distribution Pipe	-	-	-	-	-	-	-	-	-	MSDD-50TR2-E			MSDD-50WR2-E		-	MSDT-111R3-E			MSDF-1111R2-E	

SERIES SELECTION

Standard Inverter Series



Indoor Unit

R32
R410A



PKA-M35/50HA(L)



PKA-M60/71/100KA(L)

Outdoor Unit

R32

For Single



PUZ-M100

R32

For Multi
(Twin/Triple/Quadruple)



PUZ-M100/125/140

PUZ-M200/250

Remote Controller



Optional (*)



Optional



Optional (*)



(*) PAC-SH29TC-E is required (optional)

PKA-M HA/KA 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
Standard Inverter (PUHZ-P)	-	-	-	-	100x1	-	-	-	-	-	50x2	60x2	71x2	100x2	-	50x3	60x3	71x3	50x4	60x4
Distribution Pipe	-	-	-	-	-	-	-	-	-	MSDD-50TR2-E			MSDD-50WR2-E		-	MSDT-111R3-E			MSDF-1111R2-E	

PKA-M SERIES

POWER INVERTER



Type		Inverter Heat Pump							
Indoor Unit		PKA-M35HA(L)	PKA-M50HA(L)	PKA-M60KA(L)	PKA-M71KA(L)	PKA-M100KA(L)			
Outdoor Unit		PUZ-ZM35VKA	PUZ-ZM50VKA	PUZ-ZM60VHA	PUZ-ZM71VHA	PUZ-ZM100VKA	PUZ-ZM100YKA		
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	3.6	4.6	6.1	7.1	9.5	9.5	
		Min - Max	1.6 - 4.5	2.3 - 5.6	2.7 - 6.7	3.3 - 8.1	4.9 - 11.4	4.9 - 11.4	
	Total Input	Rated	0.869	1.239	1.560	1.863	2.405	2.405	
	EER		4.14	3.71	3.91	3.81	3.95	3.95	
	EEL Rank		-						
	Design Load		3.6	4.6	6.1	7.1	9.5	9.5	
	Annual Electricity Consumption*2	kWh/a	200	251	313	364	508	519	
	SEER		6.3	6.4	6.8	6.8	6.5	6.4	
	Energy Efficiency Class		A++						
	Capacity	Rated	4.1	5.0	7.0	8.0	11.2	11.2	
Heating (Average Season)	Total Input	Rated	1.6 - 5.2	2.5 - 7.3	2.8 - 8.2	3.5 - 10.2	4.5 - 14.0	4.5 - 14.0	
	COP		3.94	3.71	4.04	3.78	3.61	3.61	
	EEL Rank		-						
	Design Load		2.4	3.3	4.4	4.7	7.8	7.8	
	Declared Capacity	at reference design temperature	2.4 (-10°C)	3.3 (-10°C)	4.4 (-10°C)	4.7 (-10°C)	7.8 (-10°C)	7.8 (-10°C)	
		at bivalent temperature	2.4 (-10°C)	3.3 (-10°C)	4.4 (-10°C)	4.7 (-10°C)	7.8 (-10°C)	7.8 (-10°C)	
		at operation limit temperature	2.2 (-11°C)	3.2 (-11°C)	2.8 (-20°C)	3.5 (-20°C)	5.8 (-20°C)	5.8 (-20°C)	
	Back Up Heating Capacity		0	0	0	0	0	0	
	Annual Electricity Consumption*2	kWh/a	839	1115	1460	1523	2472	2472	
	SCOP		A+	A+	A+	A+	A+	A+	
Energy Efficiency Class		A+							
Operating Current (max)	Input	Rated	13.4	13.4	19.4	19.4	27.1	8.6	
	Operating Current (max)		0.04 / 0.03	0.04 / 0.03	0.06 / 0.05	0.06 / 0.05	0.08 / 0.07	0.08 / 0.07	
	Dimensions <Panel>	H x W x D	0.40	0.40	0.43	0.43	0.57	0.57	
	Weight <Panel>		295 - 898 - 249	295 - 898 - 249	365 - 1170 - 295	365 - 1170 - 295	365 - 1170 - 295	365 - 1170 - 295	
	Air Volume [Lo-Mid-Hi]	m³/min	13	13	21	21	21	21	
	Sound Level (SPL) [Lo-Mid-Hi]	dB(A)	9 - 10.5 - 12	9 - 10.5 - 12	18 - 20 - 22	18 - 20 - 22	20 - 23 - 26	20 - 23 - 26	
	Sound Level (PWL) [Lo-Mid-Hi]	dB(A)	36 - 40 - 43	36 - 40 - 43	39 - 42 - 45	39 - 42 - 45	41 - 45 - 49	41 - 45 - 49	
	Sound Level (PWL)	dB(A)	60	60	64	64	65	65	
	Outdoor Unit	Dimensions	H x W x D	630 - 809 - 300	630 - 809 - 300	943 - 950 - 330 (+25)	943 - 950 - 330 (+25)	1338 - 1050 - 330 (+40)	1338 - 1050 - 330 (+40)
		Weight	kg	46	46	70	70	116	123
Air Volume		Cooling	45	45	55	55	110	110	
		Heating	45	45	55	55	110	110	
Sound Level (SPL)		Cooling	44	44	47	47	49	49	
		Heating	46	46	49	49	51	51	
Sound Level (PWL)		Cooling	65	65	67	67	69	69	
Operating Current (max)		A	13.0	13.0	19.0	19.0	26.5	8.0	
Breaker Size		A	16	16	25	25	32	16	
Ext. Piping		Diameter	Liquid / Gas	6.35 / 12.7	6.35 / 12.7	9.52 / 15.88	9.52 / 15.88	9.52 / 15.88	9.52 / 15.88
	Max. Length	Out-In	50	50	55	55	100	100	
	Max. Height	Out-In	30	30	30	30	30	30	
Guaranteed Operating Range [Outdoor]	Cooling*3	°C	-15 ~ +46	-15 ~ +46	-15 ~ +46	-15 ~ +46	-15 ~ +46	-15 ~ +46	
	Heating	°C	-11 ~ +21	-11 ~ +21	-20 ~ +21	-20 ~ +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.

PKA-M SERIES

STANDARD INVERTER



Type		Inverter Heat Pump		
Indoor Unit		PKA-M100KA(L)		
Outdoor Unit		PUZ-M100VKA	PUZ-M100YKA	
Refrigerant		R32*1		
Power Supply		Outdoor power supply		
Source		230 / Single / 50		
Outdoor (V/Phase/Hz)		400 / Three / 50		
Cooling	Capacity	Rated	9.5	
		Min - Max	4.0 - 10.6	
	Total Input	Rated	2.94	
	EER		3.23	
	EEL Rank		-	
	Design Load		9.5	
	Annual Electricity Consumption*2	kWh/a	572	
	SEER		5.8	
	Energy Efficiency Class		A+	
	Capacity	Rated	11.2	
Heating (Average Season)	Total Input	Rated	2.8 - 12.5	
	COP		3.28	
	EEL Rank		-	
	Design Load		8.0	
	Declared Capacity	at reference design temperature	6.0 (-10°C)	
		at bivalent temperature	7.0 (-7°C)	
		at operation limit temperature	4.5 (-15°C)	
	Back Up Heating Capacity		2.0	
	Annual Electricity Consumption*2	kWh/a	2797	
	SCOP		4.0	
Energy Efficiency Class		A+		
Operating Current (max)	Input	Rated	20.6	
	Operating Current (max)		0.08	
	Dimensions <Panel>	H x W x D	0.57	
	Weight <Panel>		365 - 1170 - 295	
	Air Volume [Lo-Mid-Hi]	m³/min	21	
	Sound Level (SPL) [Lo-Mid-Hi]	dB(A)	20 - 23 - 26	
	Sound Level (PWL) [Lo-Mid-Hi]	dB(A)	41 - 45 - 49	
	Sound Level (PWL)	dB(A)	65	
	Outdoor Unit	Dimensions	H x W x D	981 - 1050 - 330 (+40)
		Weight	kg	76
Air Volume		Cooling	79.0	
		Heating	79.0	
Sound Level (SPL)		Cooling	51	
		Heating	54	
Sound Level (PWL)		Cooling	70	
Operating Current (max)		A	20.0	
Breaker Size		A	32	
Ext. Piping		Diameter	Liquid / Gas	9.52 / 15.88
	Max. Length	Out-In	55	
	Max. Height	Out-In	30	
Guaranteed Operating Range [Outdoor]	Cooling*3	°C	-15 ~ +46	
	Heating	°C	-15 ~ +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.