

PKA SERIES

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.

R32
R410A

PKA-M35/50LA(L)

PKA-M60/71/100KA(L)

R32
R410A



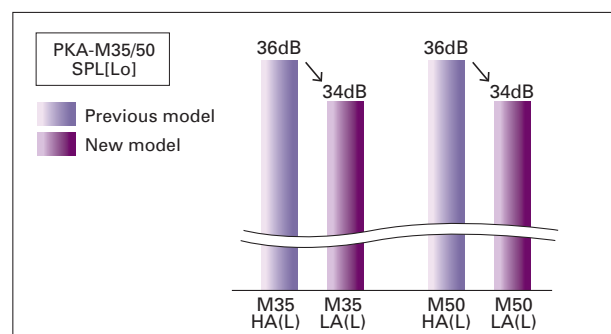
New Design (M35-50)

A sharp and simple form that combines beauty and function. The simple square design harmonizes beautifully with the straight lines created by the intersection of the walls, floor and ceiling of the space, leading to a better quality of space. Also adopted a new white body color. It will make your life and space beautiful and comfortable without disturbing the atmosphere of the room. In addition, we realized miniaturization of conventional model. It contributes to space saving of installation area and giving room to room space.



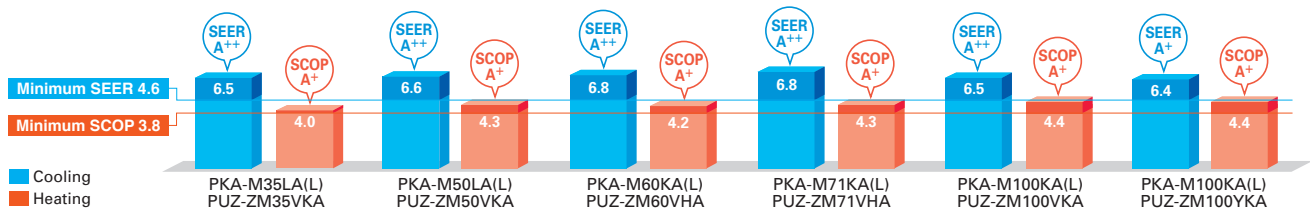
Quietness (M35-50)

The noise level has been significantly reduced compared to the conventional model by reviewing the unit structure and improving the line flow fan.



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.

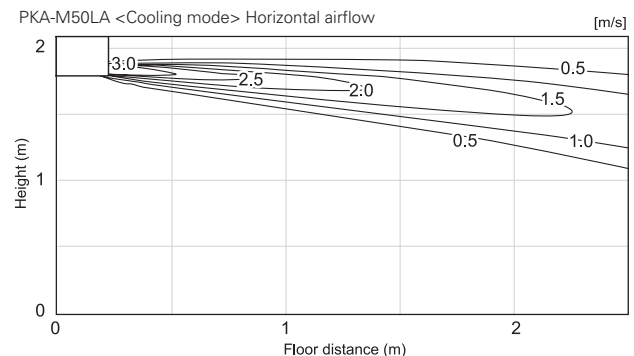


Airflow Control – Horizontal Airflow – (M35-50)

Significantly improved airflow control to achieve horizontal airflow. This reduces the feeling of draft even on a wall-mounted model, and air conditioning the indoor space firmly.

Airflow distributions

PKA-M50LA <Cooling mode> Horizontal airflow



SERIES SELECTION

Power Inverter Series



Indoor Unit

R32
R410A



PKA-M35/50LA(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 (*)



*PKA-M60/71/100KAL only



*PKA-M35/50LAL only

(*) PAC-SH29TC-E is required for LAL and KAL (optional)

PKA-M LA(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-M35/50LA(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 (*)



*PKA-M35/50LAL only



*PKA-M60/71/100KAL only

(*) PAC-SH29TC-E is required for LAL and KAL (optional)

PKA-M LA/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-M35LA(L)	PKA-M50LA(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	Source	Outdoor power supply							
	Outdoor (V/Phase/Hz)	VKA • VHA:230 / Single / 50, YKA:400 / Three / 50							
Cooling	Capacity	Rated	kW	3.6	4.6	6.1	7.1	9.5	9.5
		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
	Total Input	Rated	kW	0.850	1.230	1.560	1.863	2.405	2.405
	EER			4.20	3.71	3.91	3.81	3.95	3.95
		EEL Rank		—	—	—	—	—	—
	Design Load		kW	3.6	4.6	6.1	7.1	9.5	9.5
	Annual Electricity Consumption ^{*2}		kWh/a	194	244	313	364	508	519
	SEER ^{*4}			6.5	6.6	6.8	6.8	6.5	6.4
		Energy Efficiency Class		A++	A++	A++	A++	A++	A++
		Capacity	Rated	kW	4.1	5.0	7.0	8.0	11.2
Heating (Average Season)		Min - Max	kW	1.6 - 5.2	2.5 - 6.6	2.8 - 8.2	3.5 - 10.2	4.5 - 14.0	4.5 - 14.0
	Total Input	Rated	kW	1.040	1.340	1.732	2.116	3.102	3.102
	COP			3.94	3.72	4.04	3.78	3.61	3.61
		EEL Rank		—	—	—	—	—	—
	Design Load		kW	2.4	3.3	4.4	4.7	7.8	7.8
	Declared Capacity	at reference design temperature	kW	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	kW	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	kW	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		kW	0	0	0	0	0	0
	Annual Electricity Consumption ^{*2}		kWh/a	829	1074	1460	1523	2472	2472
SCOP ^{*4}			4.0	4.3	4.2	4.3	4.4	4.4	
	Energy Efficiency Class		A+	A+	A+	A+	A+	A+	
Operating Current (max)		A	13.4	13.4	19.4	19.4	27.1	8.6	
Indoor Unit	Input	Rated	kW	0.04 / 0.03	0.04 / 0.03	0.06 / 0.05	0.06 / 0.05	0.08 / 0.07	0.08 / 0.07
	Operating Current (max)		A	0.35	0.35	0.43	0.43	0.57	0.57
	Dimensions <Panel>	H × W × D	mm	299 - 898 - 237		365 - 1170 - 295			
	Weight <Panel>		kg	12.6	12.6	21	21	21	21
	Air Volume [Lo-Mi2-Mi1-Hi]		m³/min	7.5 - 8.2 - 9.2 - 10.9	7.5 - 8.2 - 9.2 - 10.9	18 - 20 - 22	18 - 20 - 22	20 - 23 - 26	20 - 23 - 26
	Sound Level (SPL) [Lo-Mi2-Mi1-Hi]		dB(A)	34 - 37 - 40 - 43	34 - 37 - 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
	Dimensions	H × W × D	mm	630 - 809 - 300		943 - 950 - 330 (+25)		1338 - 1050 - 330 (+40)	
	Weight		kg	46	46	70	70	116	123
	Air Volume	Cooling	m³/min	45	45	55	55	110	110
	Heating	m³/min	45	45	55	55	110	110	
	Sound Level (SPL)	Cooling	dB(A)	44	44	47	47	49	49
		Heating	dB(A)	46	46	49	49	51	51
	Sound Level (PWL)	Cooling	dB(A)	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	mm	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	m	50	50	55	55	100	100
	Max. Height	Out-In	m	30	30	30	30	30	30
	Max. Height		m	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	−15 ~ +46
	Heating	°C	−11 ~ +21	−11 ~ +21	−20 ~ +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.

*4 SEER and SCOP are based on 2009/125/EC:Energy-related Products Directive and Regulation(EU) No206/2012.

PKA-M SERIES

STANDARD INVERTER



Type			Inverter Heat Pump					
Indoor Unit			PKA-M100KA(L)					
Outdoor Unit			PUZ-M100VKA					
Refrigerant			R32*1					
Power Supply			Outdoor power supply					
Source			230 / Single / 50					
Cooling								
Capacity	Rated	kW	9.5					
		Min - Max	4.0 - 10.6					
	Total Input		2.94					
	EER		3.23					
	EEL Rank		-					
	Design Load		9.5					
	Annual Electricity Consumption*2		572					
	SEER*4		5.8					
	Energy Efficiency Class		A+					
	Capacity		11.2					
Heating (Average Season)	Rated	kW	2.8 - 12.5					
		Min - Max	3.28					
	Total Input		3.41					
	COP		-					
	EEL Rank		-					
	Design Load		8.0					
	Declared Capacity		at reference design temperature					
			at bivalent temperature					
			at operation limit temperature					
	Back Up Heating Capacity		2.0					
Annual Electricity Consumption*2	kW/h/a		2797					
	SCOP*4		4.0					
	Energy Efficiency Class		A+					
	Operating Current (max)		12.1					
Indoor Unit	Input	Rated	0.08					
		Operating Current (max)	0.57					
	Dimensions <Panel>		H x W x D					
			mm					
	Weight <Panel>		kg					
	Air Volume [Lo-Mid-Hi]		m³/min					
	Sound Level (SPL) [Lo-Mid-Hi]		dB(A)					
	Sound Level (PWL)		dB(A)					
	Dimensions		H x W x D					
			mm					
Outdoor Unit	Weight		kg					
	Air Volume		Cooling					
			Heating					
	Sound Level (SPL)		Cooling					
			Heating					
	Sound Level (PWL)		Cooling					
	Operating Current (max)		A					
	Breaker Size		A					
	Diameter		Liquid / Gas					
	Max. Length		Out-In					
Ext. Piping			Out-In					
	Max. Height		m					
	Guaranteed Operating Range [Outdoor]		Cooling*3					
			Heating					
			°C					
			°C					
			-15 ~ +46					
			-15 ~ +21					
			-15 ~ +46					
			-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.

*4 SEER and SCOP are based on 2009/125/EC:Energy-related Products Directive and Regulation(EU) No206/2012.

SERIES SELECTION

Power Inverter Series



Indoor Unit

R32

R410A



PKA-M35/50LA(L)



PKA-M60/71/100KA(L)

Outdoor Unit

R410A

For Single



PUHZ-ZRP35/50



PUHZ-ZRP60/71



PUHZ-ZRP100

R410A

For Multi
(Twin/Triple/Quadruple)



PUHZ-ZRP71



PUHZ-ZRP100/125/140/200/250

Remote Controller



Optional (*)



Optional



Optional (*)



*PKA-M60/71/100KAL only



*PKA-M35/50LAL only

(*) PAC-SH29TC-E is required for LAL and KAL (optional)

Standard Inverter Series



Indoor Unit

R32

R410A



PKA-M35/50LA(L)



PKA-M60/71/100KA(L)

Outdoor Unit

R410A

For Single



PUHZ-P100

R410A

For Multi
(Twin/Triple/Quadruple)



PUHZ-P100/125/140



PUHZ-P200/250

Remote Controller



Optional (*)



Optional



Optional (*)



*PKA-M60/71/100KAL only



*PKA-M35/50LAL only

(*) PAC-SH29TC-E is required for LAL and KAL (optional)

PKA-M LA/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	
Power Inverter (PUHZ-ZRP)		35x1	50x1	60x1	71x1	100x1	—	—	—	—	35x2	50x2	60x2	71x2	100x2	—	50x3	60x3	71x3	50x4	60x4	
	Distribution Pipe	—	—	—	—	—	—	—	—	—	MSDD-50TR-E				MSDD-50WR-E	—	MSDT-111R-E			MSDF-1111R-E		
Standard Inverter (PUHZ-P)		—	—	—	—	100x1	—	—	—	—	—	50x2	60x2	71x2	100x2	—	50x3	60x3	71x3	50x4	60x4	
	Distribution Pipe	—	—	—	—	—	—	—	—	—	—	MSDD-50TR-E				MSDD-50WR-E	—	MSDT-111R-E			MSDF-1111R-E	

PKA-M SERIES

POWER INVERTER



Type			Inverter Heat Pump						
Indoor Unit			PKA-M35LA(L)	PKA-M50LA(L)	PKA-M60KA(L)	PKA-M71KA(L)	PKA-M100KA(L)		
Outdoor Unit			PUHZ-ZRP35VKA2	PUHZ-ZRP50VKA2	PUHZ-ZRP60VHA2	PUHZ-ZRP71VHA2	PUHZ-ZRP100VKA3	PUHZ-ZRP100YKA3	
Refrigerant			R410A*1						
Power Supply	Source		Outdoor power supply						
	Outdoor (V/Phase/Hz)		VKA・VHA:230 / Single / 50, YKA:400 / Three / 50						
Cooling	Capacity	kW	3.6	4.6	6.1	7.1	9.5	9.5	
		Rated							
	Min - Max	kW	1.6 - 4.5	2.3 - 5.4	2.7 - 6.7	3.3 - 8.1	4.9 - 11.4	4.9 - 11.4	
	Total Input	kW	0.940	1.424	1.60	1.80	2.40	2.40	
	EER		3.80	3.23	3.81	3.94	3.96	3.96	
		EEL Rank							
	Design Load	kW	3.6	4.6	6.1	7.1	9.5	9.5	
	Annual Electricity Consumption *2	kWh/a	206	263	324	368	522	533	
	SEER *1		6.1	6.1	6.5	6.7	6.3	6.2	
		Energy Efficiency Class		A++	A++	A++	A++	A++	
Heating (Average Season)	Capacity	kW	4.1	5.0	7.0	8.0	11.2	11.2	
		Rated							
	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	
	Total Input	kW	1.070	1.501	1.96	2.19	3.04	3.04	
	COP		3.83	3.33	3.57	3.65	3.68	3.68	
		EEL Rank							
	Design Load	kW	2.4	3.3	4.4	4.7	7.8	7.8	
	Declared Capacity	at reference design temperature	kW	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	kW	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	kW	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	kW	0	0	0	0	0	0		
Annual Electricity Consumption *2	kWh/a	841	1126	1473	1532	2608	2608		
SCOP *1		3.9	4.1	4.2	4.3	4.1	4.1		
	Energy Efficiency Class		A	A+	A+	A+	A+		
Operating Current (max)		A	13.4	13.4	19.4	19.4	27.1	27.1	
Indoor Unit	Input [Cooling / Heating]	Rated	kW	0.04 / 0.03	0.04 / 0.03	0.06	0.06	0.08	
	Operating Current (max)		A	0.35	0.35	0.43	0.43	0.57	
Dimensions <Panel>		H × W × D	mm	299 - 898 - 237		365 - 1170 - 295			
Weight <Panel>		kg	12.6	12.6	21	21	21	21	
Air Volume [Lo-Mi2-Mi1-Hi]		m³/min	7.5 - 8.2 - 9.2 - 10.9	7.5 - 8.2 - 9.2 - 10.9	18 - 20 - 22	18 - 20 - 22	20 - 23 - 26	20 - 23 - 26	
Sound Level (SPL) [Lo-Mi2-Mi1-Hi]		dB(A)	34 - 37 - 40 - 43	34 - 37 - 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 × W × D	mm	630 - 809 - 300		943 - 950 - 330 (+30)		1338 - 1050 - 330 (+40)	
	Weight	kg	43	46	70	70	116	123	
	Air Volume	Cooling	m³/min	45	45	55	55	110	
		Heating	m³/min	45	45	55	55	110	
	Sound Level (SPL)	Cooling	dB(A)	44	44	47	47	49	
		Heating	dB(A)	46	46	48	48	51	
	Sound Level (PWL)	Cooling	dB(A)	65	65	67	67	69	
		Heating	dB(A)	65	65	67	67	69	
	Operating Current (max)	A	13.0	13.0	19.0	19.0	26.5	26.5	
	Breaker Size	A	16	16	25	25	32	32	
Ext. Piping	Diameter	Liquid / Gas	mm	6.35 / 12.7	6.35 / 12.7	9.52 / 15.88	9.52 / 15.88	9.52 / 15.88	
	Max. Length	Out-In	m	50	50	50	50	75	
	Max. Height	Out-In	m	30	30	30	30	30	
		Max. Height	m	30	30	30	30	30	
Guaranteed Operating Range [Outdoor]		Cooling *3	°C	-15 ~ +46	-15 ~ +46	-15 ~ +46	-15 ~ +46	-15 ~ +46	
		Heating	°C	-11 ~ +21	-11 ~ +21	-20 ~ +21	-20 ~ +21	-20 ~ +21	

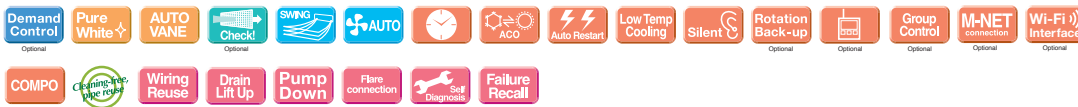
*1 Refrigerant leakage contributes to climate change. Refrigerant with lower global warming potential (GWP) would contribute less to global warming than a refrigerant with higher GWP, if leaked to the atmosphere. This appliance contains a refrigerant fluid with a GWP equal to 1975. This means that if 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.

The GWP of R410A is 2088 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.

*4 SEER and SCOP are based on 2009/125/EC:Energy-related Products Directive and Regulation(EU) No206/2012.



PKA-M SERIES

STANDARD INVERTER

Type	Inverter Heat Pump											
Indoor Unit	PKA-M100KA(L)											
Outdoor Unit	PUHZ-P100VKA											
Refrigerant	R410A*1											
Power Supply	Outdoor power supply											
Cooling	Source Outdoor (V/Phase/Hz)		230 / Single / 50					400 / Three / 50				
	Capacity	Rated	kW	9.4					9.4			
		Min - Max	kW	3.7 - 10.6					3.7 - 10.6			
	Total Input	Rated	kW	3.12					3.12			
		EER		3.01					3.01			
	EEL Rank			-					-			
	Design Load		kW	9.4					9.4			
		Annual Electricity Consumption *2	kWh/a	586					586			
	SEER *4			5.6					5.6			
		Energy Efficiency Class			A+					A+		
Heating (Average Season)	Capacity	Rated	kW	11.2					11.2			
		Min - Max	kW	2.8 - 12.5					2.8 - 12.5			
	Total Input	Rated	kW	3.48					3.48			
		COP		3.21					3.21			
	EEL Rank			-					-			
	Design Load		kW	8.0					8.0			
		Declared Capacity	at reference design temperature	kW	6.0 (-10°C)					6.0 (-10°C)		
			at bivalent temperature	kW	7.0 (-7°C)					7.0 (-7°C)		
			at operation limit temperature	kW	4.5 (-15°C)					4.5 (-15°C)		
	Back Up Heating Capacity		kW	2.0					2.0			
Annual Electricity Consumption *2		kWh/a	2795					2795				
SCOP *4			4.0					4.0				
	Energy Efficiency Class			A+					A+			
Operating Current (max)			A	20.6					12.1			
Indoor Unit	Input	Rated	kW	0.08					0.08			
		Operating Current (max)	A	0.57					0.57			
	Dimensions <Panel>		H × W × D	mm	365 - 1170 - 295							
	Weight <Panel>		kg	21					21			
	Air Volume [Lo-Mid-Hi]		m³/min	20 - 23 - 26					20 - 23 - 26			
	Sound Level (SPL) [Lo-Mid-Hi]		dB(A)	41 - 45 - 49					41 - 45 - 49			
	Sound Level (PWL)		dB(A)	65					65			
	Outdoor Unit	Dimensions		H × W × D	mm	981 - 1050 - 330						
Weight			kg	76					78			
		Air Volume	Cooling	m³/min	79					79		
Sound Level (SPL)		Heating	m³/min	79					79			
		Cooling	dB(A)	51					51			
Sound Level (PWL)		Heating	dB(A)	54					54			
		Cooling	dB(A)	70					70			
Operating Current (max)		A	20.0					11.5				
Breaker Size		A	32					16				
Ext. Piping		Diameter	Liquid / Gas	mm	9.52 / 15.88					9.52 / 15.88		
	Max. Length	Out-In	m	50					50			
		Max. Height	mm	30					30			
	Guaranteed Operating Range [Outdoor]		Cooling *3	°C	-15 ~ +46					-15 ~ +46		
		Heating	°C	-15 ~ +21					-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 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.

The GWP of R410A is 2088 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.

*4 SEER and SCOP are based on 2009/125/EC:Energy-related Products Directive and Regulation(EU) No206/2012.