

PSA SERIES

PSA-M71/100/125/140KA

R32
R410A



Installation of this floor-standing series is easy and quick.
An excellent choice when there is a sudden need for an air conditioner to be installed.

A slim design the fits neatly into any space

With a width of only 600mm, this slim unit can fit neatly into narrow spaces.



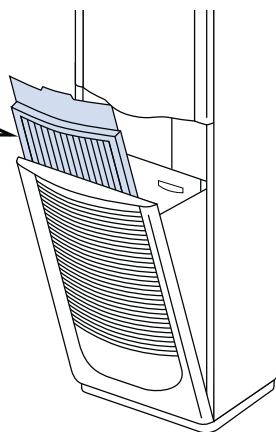
Built-in MA smart remote controller

The large and easy-to-read LCD makes it easy to perform a variety of functions.



Equipped with a long-life filter as standard

The adoption of a grille that can be opened allows the filter to be easily removed.



A wide airflow range with horizontal swinging

The horizontal swinging function can be turned on or off via the remote controller to deliver comfort over a wider area.

Automatic swinging in the horizontal direction

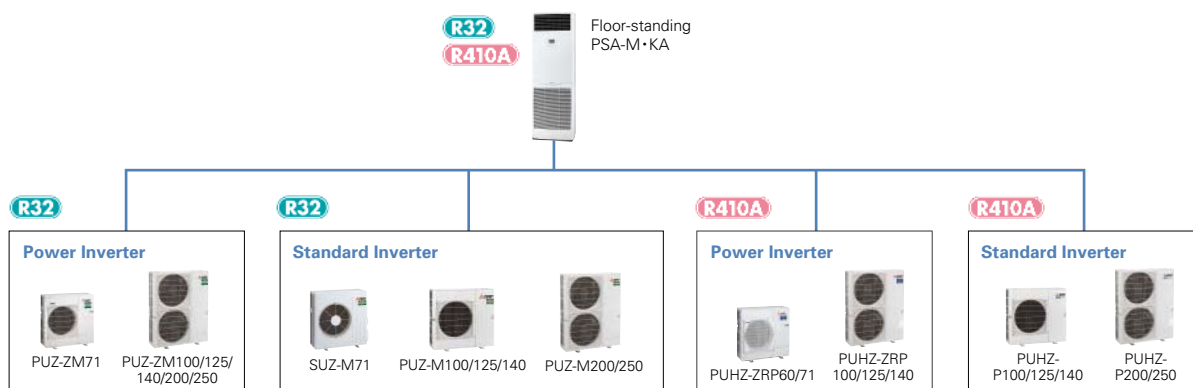
The horizontal-swinging louvers provide wide coverage for improved comfort.

Airflow can also be adjusted manually in the vertical direction.



Floor-standing Line-up

The PSA series was previously only able to be connected to P series outdoor units. However, it can now also be connected to S series outdoor units. This wider lineup provides our customers with a more flexible range of options.



SERIES SELECTION

Power Inverter Series



Indoor Unit

R32
R410A



PSA-M71/100/125/140KA

Outdoor Unit

R32

For Single



PUZ-ZM71



PUZ-ZM100/125/140

R32

For Multi
(Twin/Triple)



PUZ-ZM140/200/250

Remote Controller



Built-in



Optional*

* PAC-SC9CA-E is also required.

PSA-M 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)	—	—	—	71x1	100x1	125x1	140x1	—	—	—	—	—	71x2	100x2	125x2	—	—	71x3	—	—
Distribution Pipe	—	—	—	—	—	—	—	—	—	—	—	—	MSDD-50TR2-E	MSDD-50WR2-E		—	—	MSDT-111R3-E	—	—

SERIES SELECTION

Standard Inverter Series



Indoor Unit

R32
R410A



PSA-M71/100/125/140KA

Outdoor Unit

R32

For Single



SUZ-M71



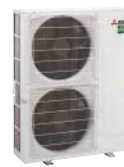
PUZ-M100/125/140

R32

For Multi
(Twin/Triple)



PUZ-M140



PUZ-M200/250

Remote Controller



Built-in



Optional*

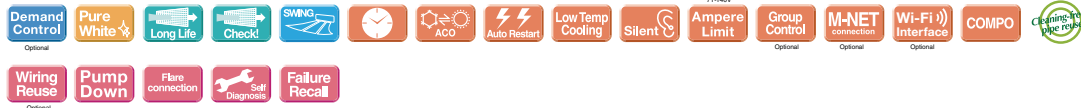
* PAC-SC9CA-E is also required.

PSA-M 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 (PUZ-M)	—	—	—	71x1	100x1	125x1	140x1	—	—	—	—	—	71x2	100x2	125x2	—	—	71x3	—	—
Distribution Pipe	—	—	—	—	—	—	—	—	—	—	—	—	MSDD-50TR2-E	MSDD-50WR2-E	—	—	MSDT-111R3-E	—	—	

PSA-M SERIES

POWER INVERTER



Type				Inverter Heat Pump							
Indoor Unit				PSA-M71KA	PSA-M100KA	PSA-M100KA	PSA-M125KA	PSA-M125KA	PSA-M140KA	PSA-M140KA	
Outdoor Unit				PUZ-ZM71VHA2	PUZ-ZM100VKA2	PUZ-ZM100VKA2	PUZ-ZM125VKA2	PUZ-ZM125VKA2	PUZ-ZM140VKA2	PUZ-ZM140VKA2	
Refrigerant ⁽¹⁾				R32							
Power Source				Outdoor power supply							
Supply Outdoor(V/Phase/Hz)				VKA·VHA:230/Single/50, YKA:400/Three/50							
Cooling	Capacity	Rated	kW	7.1	9.5	9.5	12.5	12.5	13.4	13.4	
		Min-Max	kW	3.3 - 8.1	4.9 - 11.4	4.9 - 11.4	5.5 - 14.0	5.5 - 14.0	6.2 - 15.0	6.2 - 15.0	
	Total Input	Rated	kW	1.888	2.493	2.493	3.955	3.955	3.976	3.976	
	EER			3.76	3.81	3.81	3.16	3.16	3.37	3.37	
	Design load		kW	7.1	9.5	9.5	—	—	—	—	
Heating	Annual electricity consumption ⁽²⁾		kWh/a	388	581	592	—	—	—	—	
	SEER ⁽⁴⁾			6.4	5.7	5.6	—	—	—	—	
	Energy efficiency class			A++	A+	A+	—	—	—	—	
	Capacity	Rated	kW	7.6	11.2	11.2	14.0	14.0	16.0	16.0	
		Min-Max	kW	3.5 - 10.2	4.5 - 14.0	4.5 - 14.0	5 - 16.0	5 - 16.0	5.7 - 18.0	5.7 - 18.0	
Cooling	Total Input	Rated	kW	2.338	3.172	3.172	4.501	4.501	5.000	5.000	
	COP			3.25	3.53	3.53	3.11	3.11	3.20	3.20	
	Design load		kW	4.7	7.8	7.8	—	—	—	—	
	Declared Capacity	at reference design temperature	kW	4.7 (-10°C)	7.8 (-10°C)	7.8 (-10°C)	—	—	—	—	
		at bivalent temperature	kW	4.7 (-10°C)	7.8 (-10°C)	7.8 (-10°C)	—	—	—	—	
Heating		at operation limit temperature	kW	3.4 (-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	1636	2658	2659	—	—	—	—	
	SCOP ⁽⁴⁾			4.0	4.1	4.1	—	—	—	—	
	Energy efficiency class			A+	A+	A+	—	—	—	—	
Operating Current(Max)				A	19.4	20.7	8.7	27.2	9.7	30.7	12.5
Indoor Unit	Input [cooling / Heating]	Rated	kW	0.06 / 0.06	0.11 / 0.11	0.11 / 0.11	0.11 / 0.11	0.11 / 0.11	0.11 / 0.11	0.11 / 0.11	
	Operating Current(Max)		A	0.4	0.71	0.71	0.73	0.73	0.73	0.73	
	Dimensions	H*W*D	mm	1900-600-360	1900-600-360	1900-600-360	1900-600-360	1900-600-360	1900-600-360	1900-600-360	
	Weight		kg	46	46	46	46	46	48	48	
	Air Volume (Lo-Mi2-Mi1-Hi)		m³/min	20-22-24	25-28-30	25-28-30	25-28-31	25-28-31	25-28-31	25-28-31	
Outdoor Unit	Sound Level (Lo-Mi2-Mi1-Hi) (SPL)		dB(A)	40-42-44	45-49-51	45-49-51	45-49-51	45-49-51	45-49-51	45-49-51	
	Sound Level (PWL)		dB(A)	60	65	65	66	66	66	66	
	Dimensions	H*W*D	mm	943-950-330(+25)	1338-1050-330(+40)	1338-1050-330(+40)	1338-1050-330(+40)	1338-1050-330(+40)	1338-1050-330(+40)	1338-1050-330(+40)	
	Weight		kg	67	105	111	105	114	105	118	
	Air Volume	Cooling	m³/min	55	110	110	120	120	120	120	
Ext.Piping		Heating	m³/min	55	110	110	120	120	120	120	
	Sound Level (SPL)	Cooling	dB(A)	47	49	49	50	50	50	50	
		Heating	dB(A)	49	51	51	52	52	52	52	
	Sound Level (PWL)	Cooling	dB(A)	67	69	69	70	70	70	70	
	Operating Current(Max)		A	19	20	8	26.5	9	30	11.8	
Breaker Size				A	25	32	16	32	16	40	16
Guaranteed Operating Range (Outdoor)	Diameter ⁽³⁾	Liquid/Gas	mm	9.52 / 15.88	9.52 / 15.88	9.52 / 15.88	9.52 / 15.88	9.52 / 15.88	9.52 / 15.88	9.52 / 15.88	
	Max.Length	Out-In	m	55	100	100	100	100	100	100	
	Max.Height	Out-In	m	30	30	30	30	30	30	30	
	Cooling ⁽³⁾		°C	-15 ~ +46	-15 ~ +46	-15 ~ +46	-15 ~ +46	-15 ~ +46	-15 ~ +46	-15 ~ +46	
	Heating		°C	-20 ~ +21	-20 ~ +21	-20 ~ +21	-20 ~ +21	-20 ~ +21	-20 ~ +21	-20 ~ +21	

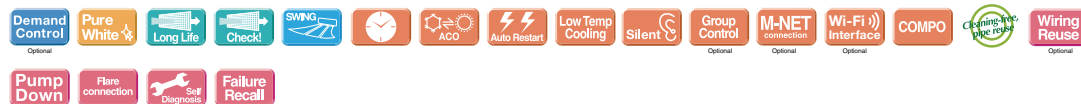
*1 Refrigerant leakage contributes to climate change. Refrigerant with lower global warming potential (GWP) would contribute less to global warming than a refrigerant with higher GWP, if leaked to the atmosphere. This appliance contains a refrigerant fluid with a GWP equal to 1975. This means that if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

PSA-M SERIES

STANDARD INVERTER



Type				Inverter Heat Pump							
Indoor Unit				PSA-M71KA	PSA-M100KA	PSA-M100KA	PSA-M125KA	PSA-M125KA	PSA-M140KA	PSA-M140KA	
Outdoor Unit				SUZ-M71VA	PUZ-M100VKA2	PUZ-M100VKA2	PUZ-M125VKA2	PUZ-M125VKA2	PUZ-M140VKA2	PUZ-M140VKA2	
Refrigerant ⁽¹⁾				R32							
Power Source				Outdoor power supply							
Supply Outdoor(V/Phase/Hz)				VA, VKA:230/Single/50, YKA:400/Three/50							
Cooling	Capacity	Rated	kW	7.1	9.4	9.4	12.1	12.1	13.6	13.6	
		Min-Max	kW	2.2 - 8.1	3.7 - 10.6	3.7 - 10.6	5.6 - 13.0	5.6 - 13.0	5.8 - 13.7	5.8 - 13.7	
	Total Input	Rated	kW	1.972	2.686	2.686	4.481	4.481	5.037	5.037	
	EER			3.60	3.50	3.50	2.70	2.70	2.70	2.70	
	Design load		kW	7.1	9.4	9.4	—	—	—	—	
Heating	Annual electricity consumption ⁽²⁾		kWh/a	394	591	591	—	—	—	—	
	SEER ⁽⁴⁾			6.3	5.5	5.5	—	—	—	—	
	Energy efficiency class			A++	A	A	—	—	—	—	
	Capacity	Rated	kW	8.0	11.2	11.2	13.5	13.5	15.0	15.0	
		Min-Max	kW	2.1 - 10.2	2.8 - 12.5	2.8 - 12.5	4.8 - 15.0	4.8 - 15.0	4.9 - 15.8	4.9 - 15.8	
Cooling	Total Input	Rated	kW	2.492	3.246	3.246	4.355	4.355	4.761	4.761	
	COP			3.21	3.45	3.45	3.10	3.10	3.15	3.15	
	Design load		kW	5.8	8.0	8.0	—	—	—	—	
	Declared Capacity	at reference design temperature	kW	5.2 (-10°C)	6.0 (-10°C)	6.0 (-10°C)	—	—	—	—	
		at bivalent temperature	kW	5.2 (-7°C)	7.0 (-7°C)	7.0 (-7°C)	—	—	—	—	
Heating		at operation limit temperature	kW	5.2 (-10°C)	4.5 (-15°C)	4.5 (-15°C)	—	—	—	—	
	Back up heating capacity		kW	0.6	2.0	2.0	—	—	—	—	
	Annual electricity consumption ⁽²⁾		kWh/a	2003	2745	2745	—	—	—	—	
	SCOP ⁽⁴⁾			4.0	4.0	4.0	—	—	—	—	
	Energy efficiency class			A+	A+	A+	—	—	—	—	
Operating Current(Max)				A	15.2	20.7	12.2	27.2	12.2	30.7	12.2
Indoor Unit	Input [cooling / Heating]	Rated	kW	0.06 / 0.06	0.11 / 0.11	0.11 / 0.11	0.11 / 0.11	0.11 / 0.11	0.11 / 0.11	0.11 / 0.11	
	Operating Current(Max)		A	0.4	0.71	0.71	0.73	0.73	0.73	0.73	
	Dimensions	H*W*D	mm	1900-600-360	1900-600-360	1900-600-360	1900-600-360	1900-600-360	1900-600-360	1900-600-360	
	Weight		kg	46	46	46	46	46	48	48	
	Air Volume (Lo-Mi2-Mi1-Hi)		m³/min	20-22-24	25-28-30	25-28-30	25-28-31	25-28-31	25-28-31	25-28-31	
Outdoor Unit	Sound Level (Lo-Mi2-Mi1-Hi) (SPL)		dB(A)	40-42-44	45-49-51	45-49-51	45-49-51	45-49-51	45-49-51	45-49-51	
	Sound Level (PWL)		dB(A)	60	65	65	66	66	66	66	
	Dimensions	H*W*D	mm	880-840-330	981-1050-330(+40)	981-1050-330(+40)	981-1050-330(+40)	981-1050-330(+40)	981-1050-330(+40)	981-1050-330(+40)	
	Weight		kg	55	76	78	84	85	84	85	
	Air Volume	Cooling	m³/min	50.1	79	79	86	86	86	86	
Ext.Piping		Heating	m³/min	50.1	79	79	92	92	92	92	
	Sound Level (SPL)	Cooling	dB(A)	49	51	51	54	54	55	55	
		Heating	dB(A)	51	54	54	56	56	57	57	
	Sound Level (PWL)	Cooling	dB(A)	66	70	70	72	72	73	73	
	Operating Current(Max)		A	14.8	20	11.5	26.5	11.5	30	11.5	
Breaker Size				A	20	32	16	32	16	40	16
Guaranteed Operating Range (Outdoor)	Diameter ⁽³⁾	Liquid/Gas	mm	9.52 / 15.88	9.52 / 15.88	9.52 / 15.88	9.52 / 15.88	9.52 / 15.88	9.52 / 15.88	9.52 / 15.88	
	Max.Length	Out-In	m	30	55	55	65	65	65	65	
	Max.Height	Out-In	m	30	30	30	30	30	30	30	
	Cooling ⁽³⁾		°C	-15 ~ +46	-15 ~ +46	-15 ~ +46	-15 ~ +46	-15 ~ +46	-15 ~ +46	-15 ~ +46	
	Heating		°C	-10 ~ +24	-15 ~ +21	-15 ~ +21	-15 ~ +21	-15 ~ +21	-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.

*5 Joint pipe is required depending on installed refrigerant pipes, outdoor units and indoor units.

SERIES SELECTION

Power Inverter Series



Indoor Unit

R32
R410A



PSA-M71/100/125/140KA

Outdoor Unit

R410A

For Single



PUHZ-ZRP71



PUHZ-ZRP100/125/140

R410A

For Multi
(Twin/Triple)



PUHZ-ZRP140/200/250

Remote Controller



Built-in



Optional*

* PAC-SC9CA-E is also required.

PSA-M 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)		—	—	—	71x1	100x1	125x1	140x1	—	—	—	—	—	71x2	100x2	125x2	—	—	71x3	—	—
	Distribution Pipe	—	—	—	—	—	—	—	—	—	—	—	—	MSDD-50TR-E	MSDD-50WR-E	—	—	MSDT-111R-F	—	—	

SERIES SELECTION

Standard Inverter Series



Indoor Unit

R32
R410A



PSA-M71/100/125/140KA

Outdoor Unit

R410A

For Single



PUHZ-P100/125/140

R410A

For Multi
(Twin/Triple)



PUHZ-P140



PUHZ-P200/250

Remote Controller



Built-in



Optional*

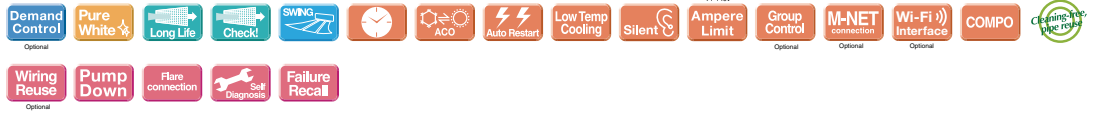
* PAC-SC9CA-E is also required.

PSA-M 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	125x1	140x1	—	—	—	—	71x2	100x2	125x2	—	—	71x3	—	—	
	Distribution Pipe	—	—	—	—	—	—	—	—	—	—	—	MSDD-50TR-E	MSDD-50WR-E	—	—	MSDT-111R-F	—	—		

PSA-RP SERIES

POWER INVERTER



Type			Inverter Heat Pump							
Indoor Unit			PSA-M71KA	PSA-M100KA	PSA-M100KA	PSA-M125KA	PSA-M125KA	PSA-M140KA	PSA-M140KA	
Outdoor Unit			PUHZ-ZRP71VHA2	PUHZ-ZRP100VKA3	PUHZ-ZRP100YKA3	PUHZ-ZRP125VKA3	PUHZ-ZRP125YKA3	PUHZ-ZRP140VKA3	PUHZ-ZRP140YKA3	
Refrigerant ⁽¹⁾			R410A							
Power Supply			Outdoor power supply							
Cooling			VKA-VHA:230/Single/50, YKA:400/Three/50							
Capacity	Rated	kW	7.1	9.5	9.5	12.5	12.5	13.4	13.4	
	Min-Max	kW	3.3 - 8.1	4.9 - 11.4	4.9 - 11.4	5.5 - 14.0	5.5 - 14.0	6.2 - 15.0	6.2 - 15.0	
	Total Input	kW	1.890	2.500	2.500	4.084	4.084	4.060	4.060	
	EER		3.76	3.80	3.80	3.06	3.06	3.30	3.30	
	Design load	kW	7.1	9.5	9.5	12.5	12.5	13.4	13.4	
Annual electricity consumption ⁽²⁾			394	584	595	—	—	—	—	
SEER ⁽⁴⁾			6.3	5.6	5.5	—	—	—	—	
Energy efficiency class			A++	A+	A	—	—	—	—	
Heating	Capacity	Rated	7.6	11.2	11.2	14.0	14.0	16.0	16.0	
	Min-Max	kW	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	kW	2.210	3.080	3.080	4.242	4.242	4.790	4.790	
	COP		3.44	3.64	3.64	3.30	3.30	3.34	3.34	
	Design load	kW	4.7	7.8	7.8	—	—	—	—	
Declared Capacity			at reference design temperature	kW	4.7 (-10°C)	7.8 (-10°C)	7.8 (-10°C)	—	—	
			at bivalent temperature	kW	4.7 (-10°C)	7.8 (-10°C)	7.8 (-10°C)	—	—	
			at operation limit temperature	kW	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	1668	2730	2731	—	—	—	
SCOP ⁽⁴⁾			3.9	3.9	3.9	—	—	—	—	
Energy efficiency class			A	A	A	—	—	—	—	
Operating Current(Max)			A	19.4	27.2	8.7	27.2	10.2	28.7	13.7
Indoor Unit	Input [cooling / Heating]	Rated	kW	0.06 / 0.06	0.11 / 0.11	0.11 / 0.11	0.11 / 0.11	0.11 / 0.11	0.11 / 0.11	
	Operating Current(Max)		A	0.4	0.71	0.71	0.73	0.73	0.73	
	Dimensions	H*W*D	mm	1900-600-360	1900-600-360	1900-600-360	1900-600-360	1900-600-360	1900-600-360	
	Weight		kg	46	46	46	46	48	48	
	Air Volume (Lo-Mi2-Mi1-Hi)		m³/min	20-22-24	25-28-30	25-28-30	25-28-31	25-28-31	25-28-31	
Outdoor Unit	Sound Level (Lo-Mi2-Mi1-Hi) (SPL)		dB(A)	40-42-44	45-49-51	45-49-51	45-49-51	45-49-51	45-49-51	
	Sound Level (PWL)		dB(A)	60	65	65	66	66	66	
	Dimensions	H*W*D	mm	943-950-330(+30)	1338-1050-330(+40)	1338-1050-330(+40)	1338-1050-330(+40)	1338-1050-330(+40)	1338-1050-330(+40)	
	Weight		kg	70	116	123	116	125	118	
	Air Volume	Cooling	m³/min	55	110	110	120	120	120	
Sound Level (SPL)	Heating	m³/min	55	110	110	120	120	120	120	
	Cooling	dB(A)	47	49	49	50	50	50	50	
	Heating	dB(A)	48	51	51	52	52	52	52	
	Cooling	dB(A)	67	69	69	70	70	70	70	
	Operating Current(Max)		A	19	26.5	8	26.5	9.5	28	13
Ext.Piping	Breaker Size		A	25	32	16	32	16	40	16
	Diameter ⁽³⁾	Liquid/Gas	mm	9.52 / 15.88	9.52 / 15.88	9.52 / 15.88	9.52 / 15.88	9.52 / 15.88	9.52 / 15.88	9.52 / 15.88
	Max.Length	Out-In	m	50	75	75	75	75	75	
Guaranteed Operating Range (Outdoor)	Max.Length	Out-In	m	30	30	30	30	30	30	
	Max.Height	Cooling ⁽³⁾	°C	-15 ~ +46	-15 ~ +46	-15 ~ +46	-15 ~ +46	-15 ~ +46	-15 ~ +46	
			Heating	°C	-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 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.

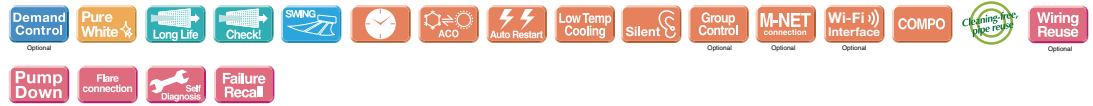
*2 Energy consumption based on standard test results. Actual energy consumption will depend on how the appliance is used and where it is located.

*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. *5 Joint pipe is required depending on installed refrigerant pipes, outdoor units and indoor units.

PSA-RP SERIES

STANDARD INVERTER



Type			Inverter Heat Pump							
Indoor Unit			PSA-M100KA	PSA-M100KA	PSA-M125KA	PSA-M125KA	PSA-M140KA	PSA-M140KA	PSA-M140KA	
Outdoor Unit			PUHZ-P100VKA	PUHZ-P100YKA	PUHZ-P125VKA	PUHZ-P125YKA	PUHZ-P140VKA	PUHZ-P140YKA	PUHZ-P140YKA	
Refrigerant ⁽¹⁾			R410A							
Power Supply			Outdoor power supply							
Cooling			VKA:230/Single/50, YKA:400/Three/50							
Capacity	Rated	kW	9.4	9.4	12.1	12.1	13.6	13.6	13.6	
	Min-Max	kW	3.7 - 10.6	3.7 - 10.6	5.6 - 13.0	5.6 - 13.0	5.8 - 13.7	5.8 - 13.7	5.8 - 13.7	
	Total Input	kW	3.122	3.122	5.020	5.020	6.384	6.384	6.384	
	EER		3.01	3.01	2.41	2.41	2.13	2.13	2.13	
	Design load	kW	9.4	9.4	—	—	—	—	—	
Annual electricity consumption ⁽²⁾			644	644	—	—	—	—	—	
SEER ⁽⁴⁾			5.1	5.1	—	—	—	—	—	
Energy efficiency class			A	A	—	—	—	—	—	
Heating	Capacity	Rated	11.2	11.2	13.5	13.5	15.0	15.0	15.0	
	Min-Max	kW	2.8 - 12.5	2.8 - 12.5	4.8 - 15.0	4.8 - 15.0	4.9 - 15.8	4.9 - 15.8	4.9 - 15.8	
	Total Input	kW	3.284	3.284	4.804	4.804	4.823	4.823	4.823	
	COP		3.41	3.41	2.81	2.81	3.11	3.11	3.11	
	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	2797	2797	—	—	—	—	
SCOP ⁽⁴⁾			4.0	4.0	—	—	—	—	—	
Energy efficiency class			A+	A+	—	—	—	—	—	
Operating Current(Max)			A	20.7	12.2	27.2	12.2	30.7	12.2	
Indoor Unit	Input [cooling / Heating]	Rated	kW	0.11 / 0.11	0.11 / 0.11	0.11 / 0.11	0.11 / 0.11	0.11 / 0.11	0.11 / 0.11	
	Operating Current(Max)		A	0.71	0.71	0.73	0.73	0.73	0.73	
	Dimensions	H*W*D	mm	1900-600-360	1900-600-360	1900-600-360	1900-600-360	1900-600-360	1900-600-360	
	Weight		kg	46	46	46	46	48	48	
	Air Volume (Lo-Mi2-Mi1-Hi)		m³/min	25-28-30	25-28-30	25-28-31	25-28-31	25-28-31	25-28-31	
Outdoor Unit	Sound Level (Lo-Mi2-Mi1-Hi) (SPL)		dB(A)	45-49-51	45-49-51	45-49-51	45-49-51	45-49-51	45-49-51	
	Sound Level (PWL)		dB(A)	65	65	66	66	66	66	
	Dimensions	H*W*D	mm	981-1050-330	981-1050-330	981-1050-330	981-1050-330	981-1050-330	981-1050-330	
	Weight		kg	76	78	84	85	84	85	
	Air Volume	Cooling	m³/min	79	79	86	86	86	86	
Sound Level (SPL)	Heating	m³/min	79	79	92	92	92	92	92	
	Cooling	dB(A)	51	51	54	54	56	56	56	
	Heating	dB(A)	54	54	56	56	57	57	57	
	Cooling	dB(A)	70	70	72	72	75	75	75	
	Operating Current(Max)		A	20	11.5	26.5	11.5	30	11.5	
Ext.Piping	Breaker Size		A	32	16	32	16	40	16	
	Diameter ⁽³⁾	Liquid/Gas	mm	9.52 / 15.88	9.52 / 15.88	9.52 / 15.88	9.52 / 15.88	9.52 / 15.88	9.52 / 15.88	
	Max.Length	Out-In	m	50	50	50	50	50	50	
Guaranteed Operating Range (Outdoor)	Max.Length	Out-In	m	30	30	30	30	30	30	
	Max.Height	Cooling ⁽³⁾	°C	-15 ~ +46	-15 ~ +46	-15 ~ +46	-15 ~ +46	-15 ~ +46	-15 ~ +46	
			Heating	°C	-15 ~ +21	-15 ~ +21	-15 ~ +21	-15 ~ +21	-15 ~ +21	

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