

PSA SERIES

R32
R410A

PSA-M71/100/125/140KA



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.

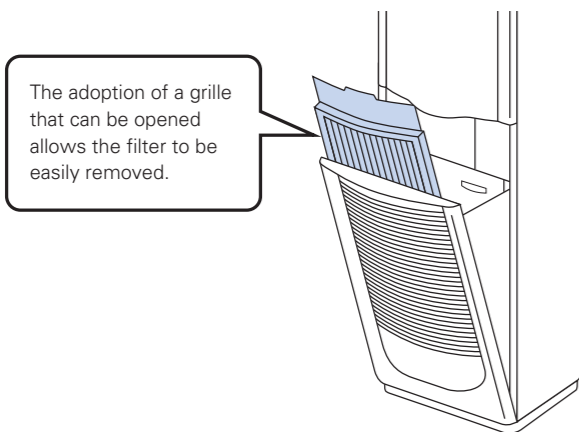


Built-in MA smart remote controller

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



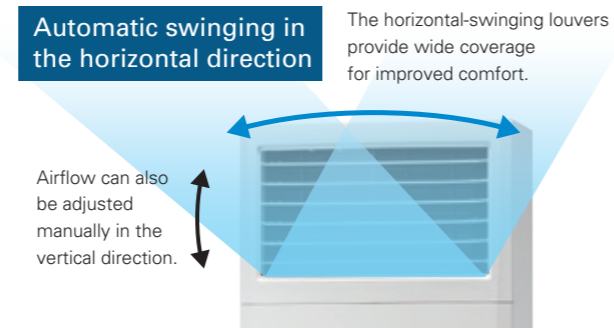
Equipped with a long-life filter as standard



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.



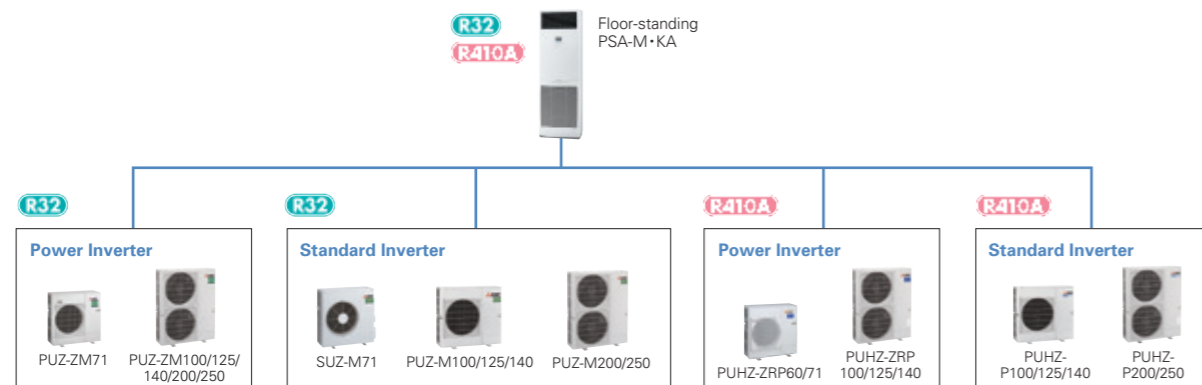
Automatic swinging in the horizontal direction

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

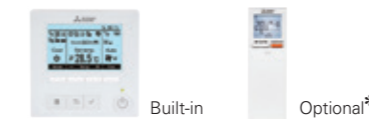


R32

For Multi (Twin/Triple)



Remote Controller



* 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

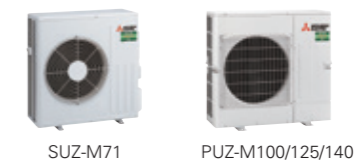
R32
R410A

PSA-M71/100/125/140KA

Outdoor Unit

R32

For Single

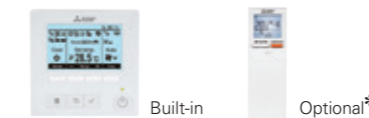


R32

For Multi (Twin/Triple)



Remote Controller

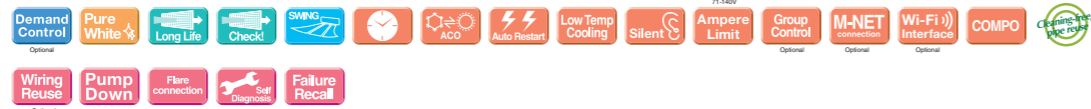


* PAC-SC9CA-E is also required.

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	PSA-M140KA		
Outdoor Unit	PUZ-ZM71VHA2	PUZ-ZM100VKA2	PUZ-ZM100VKA2	PUZ-ZM125VKA2	PUZ-ZM125VKA2	PUZ-ZM140VKA2	PUZ-ZM140VKA2	PUZ-ZM140VKA2		
Refrigerant ⁽¹⁾	R32									
Power Supply	Outdoor power supply									
Source	VA, VKA:230/Single/50, YKA:400/Three/50									
Outdoor(V/Phase/Hz)	VA, VKA: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	Rated		3.76	3.81	3.81	3.16	3.16	3.37	3.37
	Design load		kW	7.1	9.5	9.5	12.5	12.5	13.4	13.4
	Annual electricity consumption ⁽²⁾		kWh/a	388	581	592	—	—	—	—
Heating	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
	Total Input	Rated	kW	2.338	3.172	3.172	4.501	4.501	5.000	5.000
	COP	Rated		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)	—	—	—	—
Ext.Piping	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
	Guaranteed Operating Range (Outdoor)	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.

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

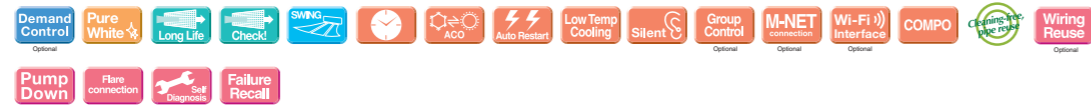
Built-in Optional*

* 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-E	-	-	

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	PSA-M140KA		
Outdoor Unit	SUZ-M71VA	PUZ-M100VKA2	PUZ-M100VKA2	PUZ-M125VKA2	PUZ-M125VKA2	PUZ-M140VKA2	PUZ-M140VKA2	PUZ-M140VKA2		
Refrigerant ⁽¹⁾	R32									
Power Supply	Outdoor power supply									
Source	VA, VKA:230/Single/50, YKA:400/Three/50									
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	Rated		3.60	3.50	3.50	2.70	2.70	2.70	2.70
	Design load		kW	7.1	9.4	9.4	—	—	—	—
	Annual electricity consumption ⁽²⁾		kWh/a	394	591	591	—	—	—	—
Heating	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
	Total Input	Rated	kW	2.492	3.246	3.246	4.355	4.355	4.761	4.761
	COP	Rated		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)	—	—	—	—
Ext.Piping	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
	Guaranteed Operating Range (Outdoor)	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

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

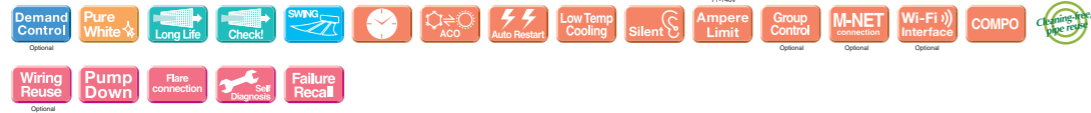
Built-in Optional*

* 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-E	-	-	

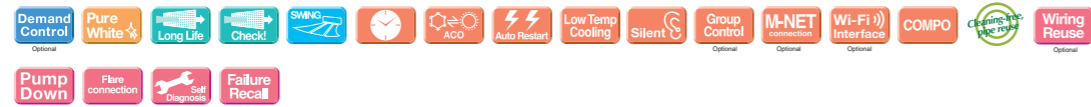
PSA-RP SERIES
POWER INVERTER



Type		Inverter Heat Pump								
Indoor Unit		PSA-M71KA	PSA-M100KA	PSA-M100KA	PSA-M125KA	PSA-M125KA	PSA-M140KA	PSA-M140KA		
Outdoor Unit		PUHZ-ZRP171VHA2	PUHZ-ZRP100VKA3	PUHZ-ZRP100VKA3	PUHZ-ZRP125VKA3	PUHZ-ZRP125VKA3	PUHZ-ZRP140VKA3	PUHZ-ZRP140VKA3		
Refrigerant ⁽¹⁾		R410A								
Power Source		Outdoor power supply								
Supply Outdoor(V/Phase/Hz)		VKA-230/Single/50, YKA-400/Three/50								
Cooling	Capacity	Rated	kW	7.1	9.5	9.5	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	
	Total Input	Rated	kW	1.890	2.500	2.500	4.084	4.084	4.060	
	EER			3.76	3.80	3.80	3.06	3.06	3.30	
	Design load		kW	7.1	9.5	9.5	-	-	-	
	Annual electricity consumption ⁽²⁾		kWh/a	394	584	595	-	-	-	
Heating	SEER ⁽⁴⁾			6.3	5.6	5.5	-	-	-	
		Energy efficiency class		A++	A+	A	-	-	-	
	Capacity	Rated	kW	7.6	11.2	11.2	14.0	14.0	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	
	Total Input	Rated	kW	2.210	3.080	3.080	4.242	4.242	4.790	
	COP			3.44	3.64	3.64	3.30	3.30	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	-	-	-		
Operating Current(Max)			A	19.4	27.2	27.2	10.2	10.2	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	
	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	
	Outdoor Unit	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	118	131
		Air Volume	Cooling	m³/min	55	110	110	120	120	120
	Heating	m³/min	55	110	110	120	120	120		
Sound Level (SPL)	Cooling	dB(A)	47	49	49	50	50	50		
	Heating	dB(A)	48	51	51	52	52	52		
Sound Level (PWL)	Cooling	dB(A)	67	69	69	70	70	70		
	Heating	dB(A)	19	26.5	8	26.5	9.5	28		
Operating Current(Max)		A	19	26.5	8	26.5	9.5	13		
Breaker Size		A	25	32	16	32	16	40		
Ext.Piping	Diameter ⁽⁵⁾	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	75	75	75	75	75	
	Max.Height	Out-In	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	-20 ~ +21	-20 ~ +21	-20 ~ +21	-20 ~ +21	-20 ~ +21	-20 ~ +21	-20 ~ +21	

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 *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		
Outdoor Unit		PUHZ-P100VKA	PUHZ-P100VKA	PUHZ-P125VKA	PUHZ-P125VKA	PUHZ-P140VKA	PUHZ-P140VKA		
Refrigerant ⁽¹⁾		R410A							
Power Source		Outdoor power supply							
Supply Outdoor(V/Phase/Hz)		VKA-230/Single/50, YKA-400/Three/50							
Cooling	Capacity	Rated	kW	9.4	9.4	12.1	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	
	Total Input	Rated	kW	3.122	3.122	5.020	5.020	6.384	
	EER			3.01	3.01	2.41	2.41	2.13	
	Design load		kW	9.4	9.4	-	-	-	
	Annual electricity consumption ⁽²⁾		kWh/a	644	644	-	-	-	
Heating	SEER ⁽⁴⁾			5.1	5.1	-	-	-	
		Energy efficiency class		A	A	-	-	-	
	Capacity	Rated	kW	11.2	11.2	13.5	13.5	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	
	Total Input	Rated	kW	3.284	3.284	4.804	4.804	4.823	
	COP			3.41	3.41	2.81	2.81	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	-	-	-		
Operating Current(Max)			A	20.7	12.2	27.2	12.2	30.7	
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	
	Operating Current(Max)		A	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	
	Weight		kg	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	
	Sound Level (Lo-Mi2-Mi1-Hi) (SPL)		dB(A)	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	
	Outdoor Unit	Dimensions	H*W*D	mm	981-1050-330	981-1050-330	981-1050-330	981-1050-330	981-1050-330
		Weight		kg	76	78	84	85	85
		Air Volume	Cooling	m³/min	79	79	86	86	86
	Heating	m³/min	79	79	92	92	92		
Sound Level (SPL)	Cooling	dB(A)	51	51	54	54	56		
	Heating	dB(A)	54	54	56	56	57		
Sound Level (PWL)	Cooling	dB(A)	70	70	72	75	75		
	Heating	dB(A)	20	11.5	26.5	11.5	30		
Operating Current(Max)		A	20	11.5	26.5	11.5	30		
Breaker Size		A	32	16	32	16	40		
Ext.Piping	Diameter ⁽⁵⁾	Liquid/Gas	mm	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	
	Max.Height	Out-In	m	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	-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.