

S

SERIES



SELECTION

Series line-up consists of two types of indoor units.
Choose the model that best matches room conditions.

STEP 1

SELECT INDOOR UNIT

Select the optimal unit and capacity required to match room construction and air conditioning requirements.



Units without Remote Controller

SLZ-KF25VA2
SLZ-KF35VA2
SLZ-KF50VA2
SLZ-KF60VA2

Grilles

SLP-2FA (only panel)
SLP-2FAL (with signal receiver)
SLP-2FAE (with 3D i-see Sensor)
SLP-2FALE (with 3D i-see Sensor and signal receiver)
SLP-2FALM (with signal receiver and wireless remote controller)
SLP-2FALME (with signal receiver, 3D i-see Sensor and wireless remote controller)



Units without Remote Controller

SEZ-KD25VAQ
SEZ-KD35VAQ
SEZ-KD50VAQ
SEZ-KD60VAQ
SEZ-KD71VAQ

Units with Wireless Remote Controller

SEZ-KD25VAL
SEZ-KD35VAL
SEZ-KD50VAL
SEZ-KD60VAL
SEZ-KD71VAL

STEP 2

SELECT OUTDOOR UNIT

There is one outdoor unit for respective indoor units.



SUZ-KA25/35VA5



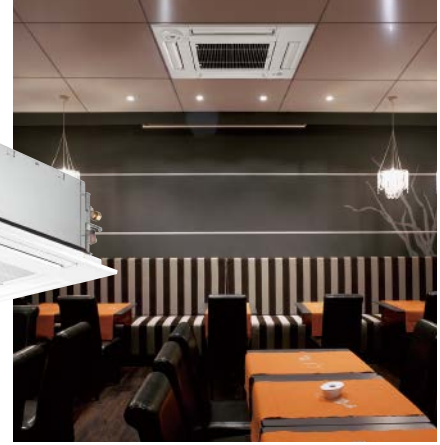
SUZ-KA50/60/71VA5

* To confirm compatibility with the MXZ Series multi-type system, refer to the MXZ Series page.

SLZ SERIES

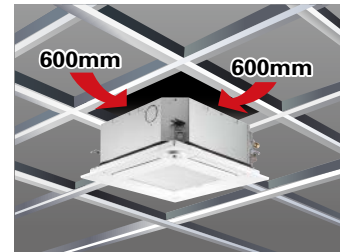
SLZ-KF25/35/50/60VA2

Compact, lightweight ceiling cassette units with 4-way air outlets provide maximum comfort by evenly distributing airflow throughout the entire room.

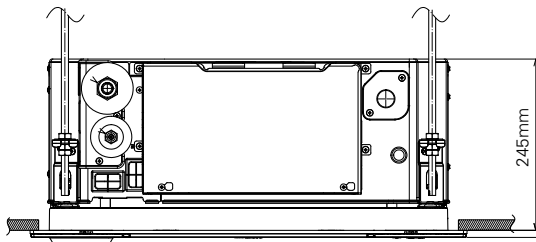


New design

The straight-line form introduced has resulted in a beautiful square design. Its high affinity ensures the ability to blend in seamlessly with any interior. The indoor unit is an ideal match for office or store use. Of course, design matched 2x2 (600mm*600mm) ceiling construction specifications.



The height above ceiling of 245mm



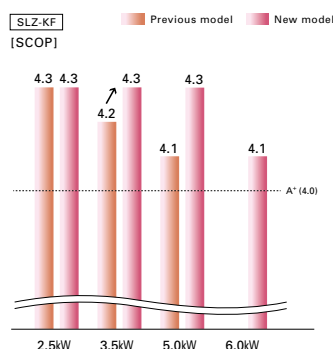
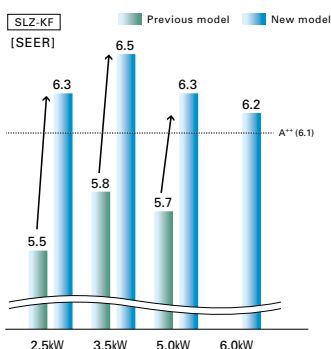
The height above ceiling of 245mm enables fitting into narrow ceiling space. Installation is simple, even when the ceiling spaces are narrow to make the ceilings higher. Of course, in addition to our products, replacing competitors' product is simplified too.

Lineup

	25	35	50	60
SLZ-KA	●	●	●	
		↓		
SLZ-KF	●	●	●	●

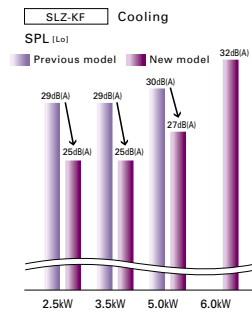
6.0kW has been introduced to expand the lineup. The diverse selection enables the best solution for both customer and location.

Energy-saving Performance



The energy-saving performance increased approximately 10%, achieving a SEER rating of A++.

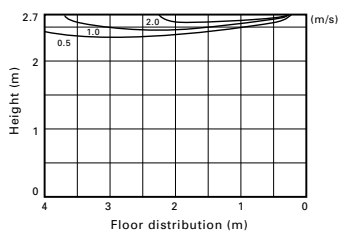
Quietness



The sound level has been reduced by 2-4dB thanks to the introduction of a 3D turbo fan, for quieter and more comfortable air conditioning.

Horizontal Airflow

[Airflow distribution]*
SLZ-KF60VA2.TH
Flow angle, cooling at 20°C (ceiling height 2.7m)



*Vane angle: Horizontal

The new airflow control completely eliminates that uncomfortable drafty-feeling with the introduction of a horizontal airflow that spreads across the ceiling. The ideal airflow for offices and restaurants.

Easy installation

Temporary hanging hook

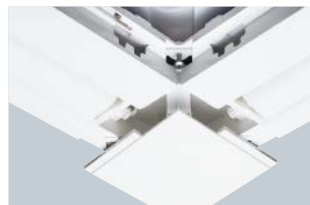
The structure of the panel has been revised and is now equipped with a temporary hanging hook. This has improved work efficiency during temporary panel installation.



No need to remove screws

Installation is possible without removing the screws for control box simply loosen them. This eliminates the risk of losing screws.

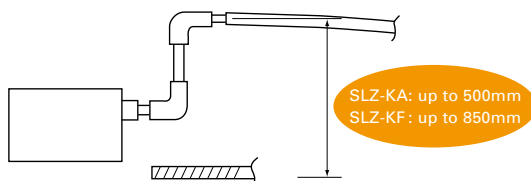
■ Corner panel



■ Control box cover



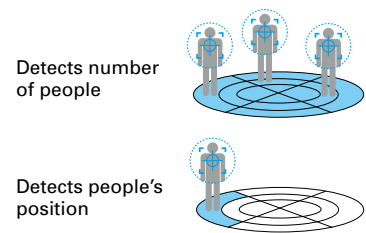
Drain lift



As the result of using a larger drain pan, the maximum drain lifting height has been increased from 500mm to 850mm, greatly enhancing construction flexibility compared to the existing model.

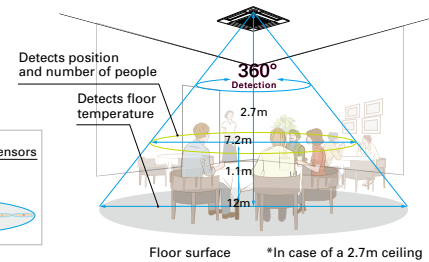
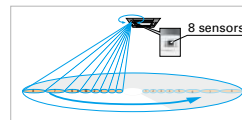
Detects number of people

3D i-see Sensor detects the number of people in the room and sets the air-conditioning power accordingly. This make automatic power-saving operation possible in places where the number of people entering and exiting is large. Additionally, when the area is continuously unoccupied, the system switches to a more enhanced power-saving mode. Depending on the setting, it will save additional capacity or stop operation altogether.



Detects people's position

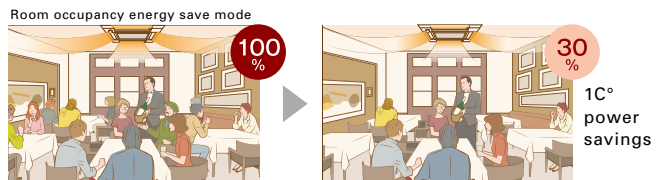
Once the position of a person is detected, the duct angle of the vane is automatically adjusted in that direction. Each vane can be independently set to "block wind" or "not block wind" according to taste.



Detects number of people

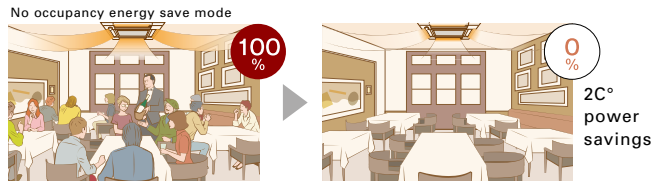
Room occupancy energy-saving mode

The 3D i-see Sensor detects the number of people in the room. It then calculates the occupancy rate based on the maximum number of people in the room up to that point in time in order to save air-conditioning power. When the occupancy rate is approximately 30%, air-conditioning power equivalent to 1°C during both cooling and heating operation is saved. The temperature is controlled according to the number of people.



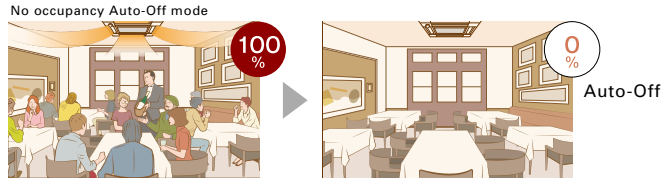
No occupancy energy-saving mode

When 3D i-see Sensor detects that no one is in the room, the system is switched to a pre-set power-saving mode. If the room remains unoccupied for more than 60min, air-conditioning power equivalent to 2°C during both cooling and heating operation is saved. This contributes to preventing waste in terms of heating and cooling.



No occupancy Auto-OFF mode

When the room remains unoccupied for a pre-set period of time, the air conditioner turns off automatically, thereby providing even greater power savings. The time until operation is stopped can be set in intervals of 10min, ranging from 60 to 180 min.

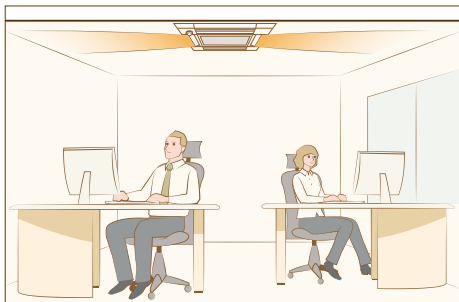


*PAR-32MAA is required for each setting

Detects people's position

Direct/Indirect settings*

Some people do not like the feel of wind, some want to be warm from head to toe. People's likes and dislikes vary. With the 3D i-see Sensor, it is possible to choose to block or not block the wind for each vane.



*PAR-32MAA is required for each setting.

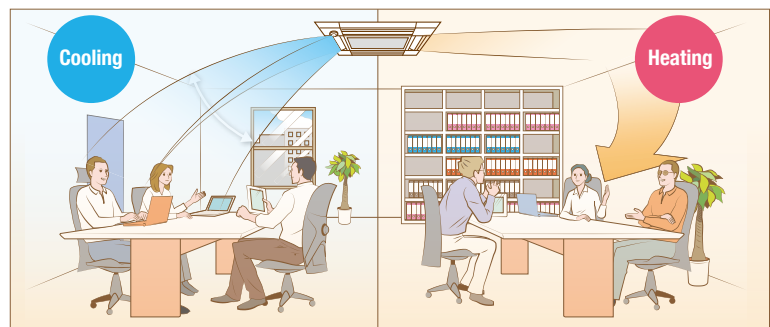
Seasonal airflow*

<When cooling>

Saves energy while keeping a comfortable effective temperature by automatically switching between ventilation and cooling. When a pre-set temperature is reached, the air conditioning unit switches to swing fan operation to maintain the effective temperature. This clever function contributes to keeping a comfortable coolness.

<When heating>

The air conditioning unit automatically switches between circulator and heating. Wasted heat that accumulates near the ceiling is reused via circulation. When a pre-set temperature is reached the air conditioner switches from heating to circulator and blows air in the horizontal direction. It pushes down the warm air that has gathered near the ceiling to people's height, thereby providing smart heating.



*PAR-32MAA is required for each setting.

SLZ-KF SERIES



Indoor Unit



SLZ-KF25/35/50/60VA2



Grilles

- SLP-2FA (only panel)
- SLP-2FAL (with signal receiver)
- SLP-2FAE (with 3D i-see Sensor)
- SLP-2FALE (with signal receiver and 3D i-see Sensor)
- SLP-2FALM (with signal receiver and wireless remote controller)
- SLP-2FALME (with signal receiver, 3D i-see Sensor and wireless remote controller)

Outdoor Unit



SUZ-KA25/35VA5



SUZ-KA50/60VA5

Remote Controller



Enclosed in SLP-2FALM/SLP-2FALME



*optional



*optional



Type			Inverter Heat Pump				
Indoor Unit			SLZ-KF25VA2	SLZ-KF35VA2	SLZ-KF50VA2	SLZ-KF60VA2	
Outdoor Unit			SUZ-KA25VA5	SUZ-KA35VA5	SUZ-KA50VA5	SUZ-KA60VA5	
Refrigerant			R410A*1				
Power Supply			Outdoor power supply				
Source			230 / Single / 50				
Outdoor (V/Phase/Hz)							
Cooling	Capacity	Rated	kW	2.6	3.5	4.6	5.6
		Min - Max	kW	1.5 - 3.2	1.4 - 3.9	2.3 - 5.2	2.3 - 6.5
	Total Input	Rated	kW	0.684	0.972	1.394	1.767
	Design Load		kW	2.6	3.5	4.6	5.6
	Annual Electricity Consumption*2		kWh/a	144	188	256	316
	SEER			6.3	6.5	6.3	6.2
Energy Efficiency Class				A++	A++	A++	A++
Heating (Average Season)	Capacity	Rated	kW	3.2	4.0	5.0	6.4
		Min - Max	kW	1.3 - 4.2	1.7 - 5.0	1.7 - 6.0	2.5 - 7.4
	Total Input	Rated	kW	0.886	1.108	1.558	2.278
	Design Load		kW	2.2	2.6	3.6	4.6
	Declared Capacity	at reference design temperature	kW	2.0 (-10°C)	2.3 (-10°C)	3.2 (-10°C)	4.0 (-10°C)
		at bivalent temperature	kW	2.0 (-7°C)	2.3 (-7°C)	3.2 (-7°C)	4.0 (-7°C)
		at operation limit temperature	kW	2.0 (-10°C)	2.3 (-10°C)	3.2 (-10°C)	4.0 (-10°C)
	Back Up Heating Capacity		kW	0.2	0.3	0.4	0.4
Annual Electricity Consumption*2		kWh/a	716	845	1172	1572	
SCOP			4.3	4.3	4.3	4.1	
Energy Efficiency Class				A+	A+	A+	A+
Operating Current (max)			A	7.2	8.4	12.3	14.4
Indoor Unit	Input	Rated	kW	0.02	0.02	0.03	0.04
		Operating Current (max)	A	0.20	0.24	0.32	0.43
	Dimensions <Panel>	H x W x D	mm	245-570-570 <10-625-625>	245-570-570 <10-625-625>	245-570-570 <10-625-625>	245-570-570 <10-625-625>
	Weight <Panel>		kg	15 <3>	15 <3>	15 <3>	15 <3>
	Air Volume [Lo-Mid-Hi]		m³/min	6.5 - 7.5 - 8.5	6.5 - 8.0 - 9.5	7.0 - 9.0 - 11.5	7.5 - 11.5 - 13.0
	Sound Level (SPL) [Lo-Mid-Hi]		dB(A)	25 - 28 - 31	25 - 30 - 34	27 - 34 - 39	32 - 40 - 43
	Sound Level (PWL)		dB(A)	48	51	56	60
Outdoor Unit	Dimensions	H x W x D	mm	550 - 800 - 285	550 - 800 - 285	880 - 840 - 330	880 - 840 - 330
		Weight	kg	30	35	54	50
	Air Volume	Cooling	m³/min	32.6	36.3	44.6	40.9
		Heating	m³/min	34.7	34.8	44.6	49.2
	Sound Level (SPL)	Cooling	dB(A)	47	49	52	55
		Heating	dB(A)	48	50	52	55
	Sound Level (PWL)	Cooling	dB(A)	58	62	65	65
		Operating Current (max)	A	7.0	8.2	12.0	14.0
	Breaker Size	A	10	10	20	20	
	Ext. Piping	Diameter	Liquid / Gas	mm	6.35 / 9.52	6.35 / 9.52	6.35 / 12.7
Max. Length		Out-In	m	20	20	30	30
		Max. Height	Out-In	m	12	12	30
Guaranteed Operating Range [Outdoor]	Cooling	°C	-10 ~ +46	-10 ~ +46	-15 ~ +46	-15 ~ +46	
	Heating	°C	-10 ~ +24	-10 ~ +24	-10 ~ +24	-10 ~ +24	

*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 1kg of this refrigerant fluid would be leaked to the atmosphere, the impact on global warming would be 1975 times higher than 1kg 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.

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

SEZ SERIES

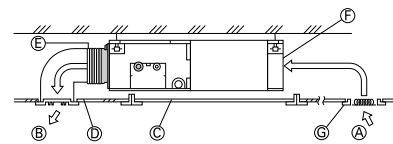
SEZ-KD25-71VAQ/VAL

This concealed ceiling-mounted indoor unit series is compact, and fits easily into rooms with lowered ceilings. Highly reliable energy-saving performance makes it a best match choice for concealed unit installations.



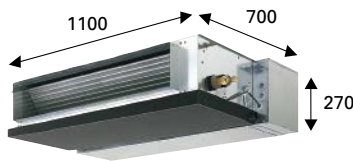
Compact Ceiling-concealed Units

Only the intake-air grille and outlet vents are visible when using this ceiling-concealed indoor unit. The rest of the unit is conveniently hidden in the ceiling cavity, essentially leaving the ceiling and walls free of bulky looking devices and maintaining a high-class interior décor. The compact units require minimal space and can be installed in buildings with lowered ceilings, where exposed units were the rule in the past.



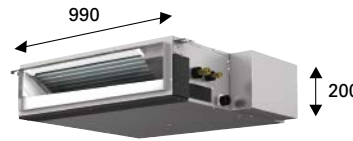
- Ⓐ Air inlet
- Ⓑ Air outlet
- Ⓒ Access door
- Ⓓ Ceiling surface
- Ⓔ Canvas duct
- Ⓕ Air filter
- Ⓖ Inlet grille

Dimension Comparison



SEZ-KA35VA

Width reduced by
110mm



SEZ-KD35VAQ

Height reduced by
70mm

Increased Selection of Fan Speeds and Static Pressure Levels

DC fan motor settings have been increased to accommodate more application needs. Three fan speed settings (Low, Medium and High) and four static pressure levels (5, 15, 35 and 50Pa) are now available.

	External Static Pressure
SEZ-KC25VA	5 Pa
SEZ-KA35-71VA	30/50 Pa



SEZ-KD25-71VA	5/15/35/50 Pa
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Four Levels Available for All Models

We've lowered the minimum static pressure level, resulting in less room noise when the optimum static pressure is selected.

External Static Pressure	SPL (Low Fan Mode)	
	SEZ-KA	SEZ-KD
30 Pa	30 Pa	15 Pa
35	30dB	23dB
50	31dB	30dB
60	32dB	30dB
71	32dB	30dB

Maximum noise reduced by 7dB

Drain Pump (Optional)

The PAC-KE07DM-E drain pump is now available as an option. With the pump, a drain hose length of up to 550mm can be used, adding to increased installation possibilities.

SEZ-KD SERIES



Indoor Unit



SEZ-KD25/35/50/60/71VAQ (Requires Wired Remote Controller)
SEZ-KD25/35/50/60/71VAL (Wireless Remote Controller is enclosed)

Outdoor Unit



SUZ-KA25/35VA5



SUZ-KA50/60/71VA5

Remote Controller



Enclosed in
SEZ-KD25/35/50/60/71VAL



*optional
(for SEZ-KD VAQ)



*optional
(for SEZ-KD VAQ)



Type			Inverter Heat Pump						
Indoor Unit			SEZ-KD25VAQ/VAL	SEZ-KD35VAQ/VAL	SEZ-KD50VAQ/VAL	SEZ-KD60VAQ/VAL	SEZ-KD71VAQ/VAL		
Outdoor Unit			SUZ-KA25VA5	SUZ-KA35VA5	SUZ-KA50VA5	SUZ-KA60VA5	SUZ-KA71VA5		
Refrigerant			R410A*1						
Power Supply			Outdoor power supply						
Outdoor (V/Phase/Hz)			230 / Single / 50						
Cooling	Capacity	Rated	kW	2.5	3.5	5.1	5.6	7.1	
		Min - Max	kW	1.5 - 3.2	1.4 - 3.9	2.3 - 5.6	2.3 - 6.3	2.8 - 8.3	
	Total Input	Rated	kW	0.730	1.010	1.580	1.740	2.210	
	Design Load		kW	2.5	3.5	5.1	5.6	7.1	
	Annual Electricity Consumption*2		kWh/a	168	219	313	376	477	
	SEER*3			5.2	5.6	5.7	5.2	5.2	
Energy Efficiency Class				A	A+	A+	A	A	
Heating (Average Season)	Capacity	Rated	kW	2.9	4.2	6.4	7.4	8.1	
		Min - Max	kW	1.3 - 4.5	1.7 - 5.0	1.7 - 7.2	2.5 - 8.0	2.6 - 10.4	
	Total Input	Rated	kW	0.803	1.130	1.800	2.200	2.268	
	Design Load		kW	2.2	2.8	4.6	5.5	6.0	
	Declared Capacity	at reference design temperature	kW	1.9 (-10°C)	2.5 (-10°C)	4.1 (-10°C)	4.5 (-10°C)	5.3 (-10°C)	
		at bivalent temperature	kW	1.9 (-7°C)	2.5 (-7°C)	4.1 (-7°C)	4.8 (-7°C)	5.3 (-7°C)	
		at operation limit temperature	kW	1.9 (-10°C)	2.5 (-10°C)	4.1 (-10°C)	4.5 (-10°C)	5.3 (-10°C)	
	Back Up Heating Capacity		kW	0.3	0.3	0.5	1.0	0.7	
Annual Electricity Consumption*2		kWh/a	808	979	1653	1878	2202		
SCOP*3			3.8	4.0	3.9	4.1	3.8		
Energy Efficiency Class				A	A+	A	A+	A	
Operating Current (max)			A	7.4	8.7	12.7	14.7	17.0	
Indoor Unit	Input	Rated	kW	0.040	0.050	0.070	0.070	0.100	
			A	0.4	0.5	0.7	0.7	0.9	
	Dimensions <Panel>	H x W x D	mm	200 - 790 - 700	200 - 990 - 700	200 - 990 - 700	200 - 1190 - 700	200 - 1190 - 700	
	Weight <Panel>		kg	18	21	23	27	27	
	Air Volume [Lo-Mid-Hi]		m³/min	6 - 7 - 9	7 - 9 - 11	10 - 13 - 15	12 - 15 - 18	12 - 16 - 20	
	External Static Pressure		Pa	5 / 15 / 35 / 50	5 / 15 / 35 / 50	5 / 15 / 35 / 50	5 / 15 / 35 / 50	5 / 15 / 35 / 50	
	Sound Level (SPL) [Lo-Mid-Hi]		dB(A)	22 - 25 - 29	23 - 28 - 33	29 - 33 - 36	29 - 33 - 37	29 - 34 - 39	
	Sound Level (PWL)		dB(A)	50	53	57	58	60	
	Outdoor Unit	Dimensions	H x W x D	mm	550 - 800 - 285	550 - 800 - 285	880 - 840 - 330	880 - 840 - 330	880 - 840 - 330
				kg	30	35	54	50	53
Air Volume		Cooling	m³/min	32.6	36.3	44.6	40.9	50.1	
		Heating	m³/min	34.7	34.8	44.6	49.2	48.2	
Sound Level (SPL)		Cooling	dB(A)	47	49	52	55	55	
		Heating	dB(A)	48	50	52	55	55	
Sound Level (PWL)		Cooling	dB(A)	58	62	65	65	69	
Operating Current (max)			A	7.0	8.2	12.0	14.0	16.1	
Breaker Size			A	10	10	20	20	20	
Ext. Piping		Diameter	Liquid / Gas	mm	6.35 / 9.52	6.35 / 9.52	6.35 / 12.7	6.35 / 15.88	9.52 / 15.88
	Max. Length	Out-In	m	20	20	30	30	30	
	Max. Height	Out-In	m	12	12	30	30	30	
Guaranteed Operating Range [Outdoor]	Cooling	°C	-10 ~ +46	-10 ~ +46	-15 ~ +46	-15 ~ +46	-15 ~ +46		
	Heating	°C	-10 ~ +24	-10 ~ +24	-10 ~ +24	-10 ~ +24	-10 ~ +24		

*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 1kg of this refrigerant fluid would be leaked to the atmosphere, the impact on global warming would be 1975 times higher than 1kg 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.
*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 SEER/SCOP are measured at ESP 35Pa.