

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-KA25VAQ3
SLZ-KA35VAQ3
SLZ-KA50VAQ3

*Requires SLP-2AAW grille.

*Requires PAR-31MAA or PAC-YT52CRA remote controller.

Units with Wireless Remote Controller

SLZ-KA25VAL3
SLZ-KA35VAL3
SLZ-KA50VAL3

*Requires SLP-2ALW grille.



Units without Remote Controller

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

*Requires PAR-31MAA or PAC-YT52CRA remote controller.

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-KA25/35VA4



SUZ-KA50/60/71VA4

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

SLZ SERIES

SLZ-KA25-50VAQ3/VAL3

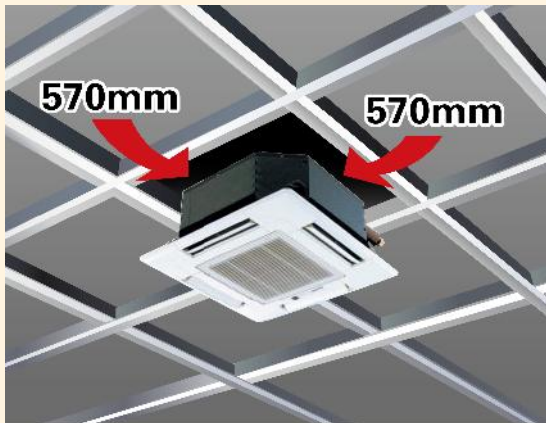
Compact, lightweight ceiling cassette units with 4-way air outlets provide maximum comfort by evenly distributing airflow throughout the entire room.



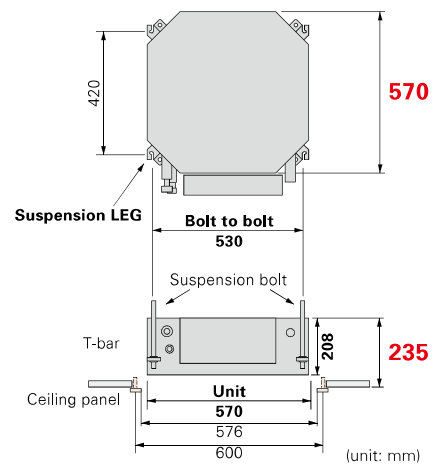
Compact Panel Size

The attractive SLZ Series ceiling cassette units offer a slim 570mm width and a 4-way air outlet. The size and shape are a perfect match for ceilings made using 2'x2' construction, and the light 16.5kg package makes installation easy.

The compact body matches 2'x2' (600mm x 600mm) ceiling construction specifications.



● SLZ-KA35VAQ3



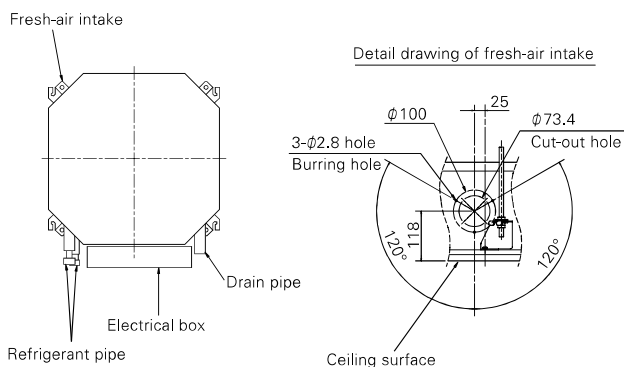
Reduced
270mm
compared to
PLA-RP35BA

Reduced
23mm
compared to
PLA-RP35BA

* Access door is required

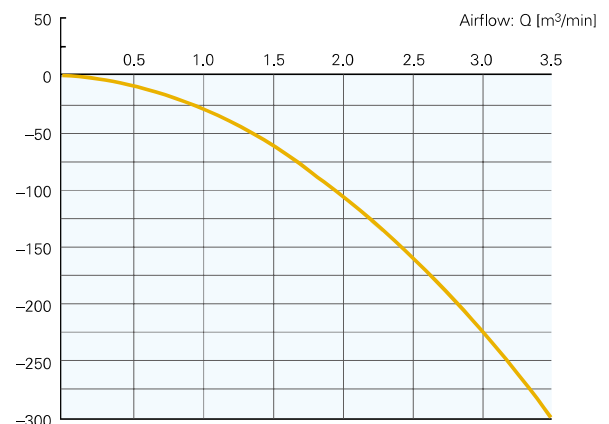
Fresh-air Intake

A duct hole is provided in the main body, making it possible to intake fresh air from outside.



● Intake-air volume

Static pressure: P [Pa]



Note: Intake-air volume should be 20% or less of overall air volume in order to prevent condensation.

SLZ-KA SERIES



Indoor Unit



SLZ-KA25/35/50VAQ3 (Requires Wired Remote Controller)
 SLZ-KA25/35/50VAL3 (Wireless Remote Controller is enclosed)

Panel

SLP-2AAW (for SLZ-KA VAQ)
 SLP-2ALW (for SLZ-KA VAL)

Outdoor Unit



Remote Controller



Enclosed in
 SLZ-KA25/35/50VAL3



Type				Inverter Heat Pump					
Indoor Unit				SLZ-KA25VAQ3	SLZ-KA25VAL3	SLZ-KA35VAQ3	SLZ-KA35VAL3	SLZ-KA50VAQ3	SLZ-KA50VAL3
Outdoor Unit				SUZ-KA25VA4		SUZ-KA35VA4		SUZ-KA50VA4	
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	
		Min - Max	kW	1.5 - 3.2		1.4 - 3.9		2.3 - 5.2	
	Total Input	Rated	kW	0.650		0.972		1.393	
	Design Load		kW	2.6		3.5		4.6	
	Annual Electricity Consumption*2		kWh/a	166		211		282	
	SEER			5.5		5.8		5.7	
Energy Efficiency Class				A		A+		A+	
Heating (Average Season)	Capacity	Rated	kW	3.2		4.0		5.0	
		Min - Max	kW	1.3 - 4.5		1.7 - 5.0		1.7 - 6.5	
	Total Input	Rated	kW	0.820		1.087		1.540	
	Design Load		kW	2.2		2.6		3.6	
	Declared Capacity	at reference design temperature	kW	2.0 (-10°C)		2.3 (-10°C)		3.2 (-10°C)	
		at bivalent temperature	kW	2.0 (-7°C)		2.3 (-7°C)		3.2 (-7°C)	
		at operation limit temperature	kW	2.0 (-10°C)		2.3 (-10°C)		3.2 (-10°C)	
	Back Up Heating Capacity		kW	0.2		0.3		0.4	
	Annual Electricity Consumption*2		kWh/a	709		866		1228	
SCOP			4.3		4.2		4.1		
Energy Efficiency Class				A+		A+		A+	
Operating Current (max)				A		7.4		8.6	
Indoor Unit	Input	Rated	kW	0.05		0.05		0.05	
		Operating Current (max)	A	0.4		0.4		0.4	
	Dimensions <Panel>	H x W x D	mm	235-570-570 <20-650-650>		235-570-570 <20-650-650>		235-570-570 <20-650-650>	
	Weight <Panel>		kg	16 <3>		16 <3>		16 <3>	
	Air Volume [Lo-Mid-Hi]		m ³ /min	8 - 9 - 11		8 - 9 - 11		8 - 9 - 11	
	Sound Level (SPL) [Lo-Mid-Hi]		dB(A)	29 - 33 - 38		29 - 33 - 38		30 - 34 - 39	
	Sound Level (PWL)		dB(A)	57		57		58	
	Outdoor Unit								
Dimensions	H x W x D	mm	550 - 800 - 285		550 - 800 - 285		880 - 840 - 330		
Weight		kg	30		35		54		
Air Volume	Cooling	m ³ /min	32.6		36.3		44.6		
	Heating	m ³ /min	34.7		34.8		44.6		
Sound Level (SPL)	Cooling	dB(A)	47		49		52		
	Heating	dB(A)	48		50		52		
Sound Level (PWL)	Cooling	dB(A)	58		62		65		
	Heating	dB(A)	57		57		58		
Operating Current (max)		A	7.0		8.2		12.0		
Breaker Size		A	10		10		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	
	Max. Height	Out-In	m	12		12		30	
Guaranteed Operating Range [Outdoor]	Cooling	°C	-10 ~ +46		-10 ~ +46		-15 ~ +46		
	Heating	°C	-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

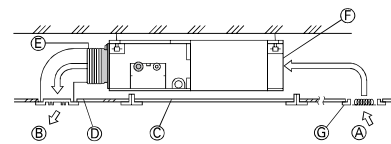
SEZ-KD25-71VAQ/VAL

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.



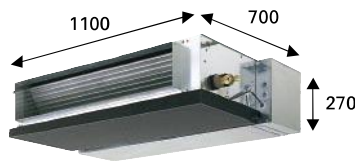
Compact Ceiling-concealed Units

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-KA25/35VA4



SUZ-KA50/60/71VA4

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-KA25VA4	SUZ-KA35VA4	SUZ-KA50VA4	SUZ-KA60VA4	SUZ-KA71VA4	
Refrigerant			R410A*1					
Power Supply			Outdoor power supply					
Source			230 / Single / 50					
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)	4.8 (-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)	4.8 (-10°C)	5.3 (-10°C)
	Back Up Heating Capacity		kW	0.3	0.3	0.5	0.7	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
	Operating Current (max)		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
			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
		Heating	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
			m	20	20	30	30	30
	Max. Length	Out-In	m	12	12	30	30	30
			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 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.
*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.