

SLZ SERIES

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

R32
R410A

SLZ-M15/25/35/50/60FA



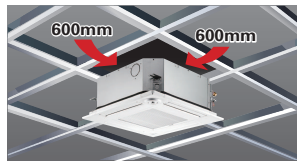
New lineup

1.5kW has been introduced for multi connection. The diverse selection enables the best solution for both customer and location.

Capacity	15	25	35	50	60
SLZ-KF		✓	✓	✓	✓
SLZ-M	✓	✓	✓	✓	✓

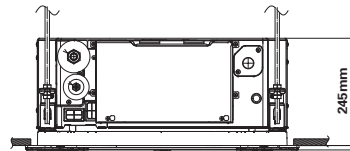
Beautiful design

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.



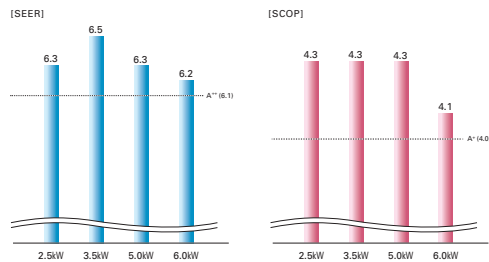
The height above ceiling of 245mm

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.



Energy-saving Performance*

The energy-saving performance achieved A++ in SEER and A+ in SCOP.
*In case of connecting with SUZ-KA-VA6



Quietness

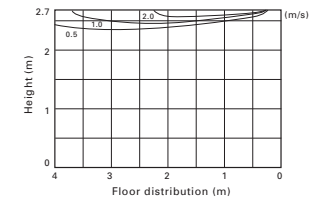
Low sound level has been realized by introduction of 3D turbo fan. New SLZ can give users quieter and more comfortable room condition.



Horizontal Airflow

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.

[Airflow distribution]*
SLZ-M60FA
Flow angle, cooling at 20°C (ceiling height 2.7m)



*Vane angle: Horizontal

Easy installation

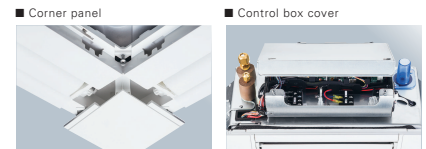
Temporary hanging hook

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.



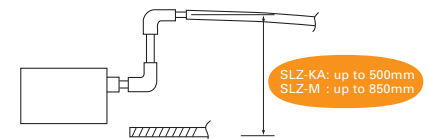
No need to remove screws

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



Drain lift

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

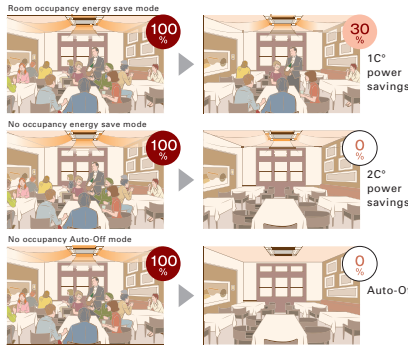


3D i-see Sensor for S & P SERIES

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 the 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.

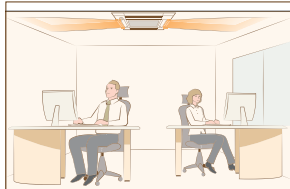
* When MA Remote Controller is used to control multiple refrigerant systems, "No occupancy Auto-OFF mode" cannot be used.

*PAR-33MAA 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 to the wind for each vane.



*PAR-33MAA or PAR-SL100A-E 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-33MAA is required for each setting.

Simultaneous Multi-system*

Multiple indoor units can be installed to match the room layout, ensuring comfort and coverage of the entire room. Connection of multiple cassettes to P Series power inverter outdoor units shown below is possible.

* Only for RA410A connection

Power Inverter Combination	SLZ-M35FA	SLZ-M50FA	SLZ-M60FA
PUHZ-ZRP71VHA2	Twin	—	—
	Distribution pipe	MSDD-50TR-E	—
PUHZ-ZRP100V(Y)KA3	Twin	—	—
	Distribution pipe	MSDT-111R-E	MSDD-50TR-E
PUHZ-ZRP125V(Y)KA3	Quadruple	Triple	Twin
	Distribution pipe	MSDF-1111R-E	MSDT-111R-E
PUHZ-ZRP140V(Y)KA3	Quadruple	Triple	—
	Distribution pipe	MSDF-1111R-E	MSDT-111R-E

SLZ-M SERIES



Indoor Unit



Panel

Panel	With Signal Receiver	With 3D i-see Sensor	With Wireless Remote Controller
SLP-2FA			
SLP-2FAL	✓		
SLP-2FAE		✓	
SLP-2FALE	✓	✓	
SLP-2FALM	✓		✓
SLP-2FALME		✓	✓

Outdoor Unit



Remote Controller



Type	Inverter Heat Pump						
Indoor Unit	SLZ-M15FA	SLZ-M25FA	SLZ-M35FA	SLZ-M50FA	SLZ-M60FA		
Outdoor Unit	for Multi connection		SUZ-KA25VA6	SUZ-KA35VA6	SUZ-KA50VA6		
Refrigerant	R32 / RA10A*						
Power Supply	Source	Outdoor power supply					
	Outdoor (V/Phase/Hz)	230 / Single / 50					
Cooling	Capacity	Rated	2.6	3.5	4.6	5.6	
		Min - Max	1.5 - 3.2	1.4 - 3.9	2.3 - 5.2	2.3 - 6.5	
	Total Input	Rated	0.684	0.972	1.394	1.767	
		Design Load	2.6	3.5	4.6	5.6	
	Annual Electricity Consumption**	SEER	144	188	256	316	
		Energy Efficiency Class	A**	A**	A**	A**	
	Heating (Average Season)	Capacity	Rated	3.2	4.0	5.0	6.4
			Min - Max	1.3 - 4.2	1.7 - 5.0	1.7 - 6.0	2.5 - 7.4
		Total Input	Rated	0.886	1.108	1.558	2.278
			Design Load	2.2	2.6	3.6	4.6
Declared Capacity		at reference design temperature	2.0 (-10°C)	2.3 (-10°C)	3.2 (-10°C)	4.0 (-10°C)	
		at operation limit temperature	2.0 (-7°C)	2.3 (-7°C)	3.2 (-7°C)	4.0 (-7°C)	
Back Up Heating Capacity		at reference design temperature	2.0 (-10°C)	2.3 (-10°C)	3.2 (-10°C)	4.0 (-10°C)	
		at operation limit temperature	0.2	0.3	0.4	0.4	
Annual Electricity Consumption**		SCOP	716	845	1172	1572	
		Energy Efficiency Class	A*	A*	A*	A*	
Operating Current (max)	Input	A	7.2	8.4	12.3	14.4	
	Operating Current (max)	A	0.02	0.02	0.03	0.04	
Unit	Dimensions <Panel>	H x W x D	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	15 <3>	15 <3>	15 <3>	15 <3>	
	Air Volume (Lo-Mid-Hi)	Cooling	6.0 - 6.5 - 7.0	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)	Cooling	dB(A)	45	51	56	60
		Operating Current (max)	A	—	7.0	8.2	12.0
	Breaker Size	Cooling	A	—	10	10	20
		Heating	A	—	10	10	20
	Ext. Piping	Diameter	mm	6.35 / 9.52	6.35 / 9.52	6.35 / 9.52	6.35 / 15.88
		Max. Length	m	—	20	—	—
Max. Height		m	—	12	—	—	
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 1 kg of this refrigerant fluid were to 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 without a professional. The GWP of RA10A 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.