

# SLZ SERIES

R32  
R410A

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



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

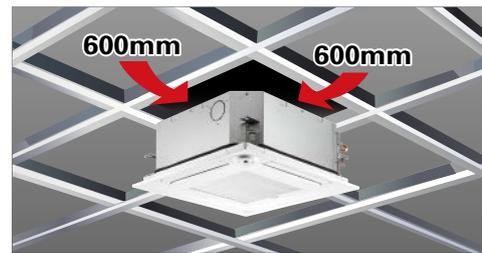
## New lineup

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	✓	✓	✓	✓	✓

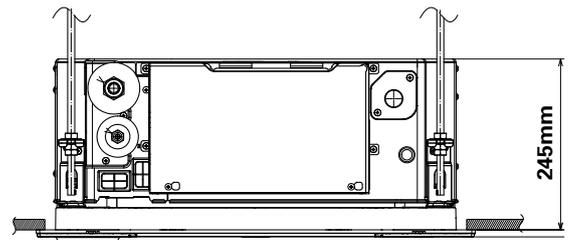
## Beautiful design

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

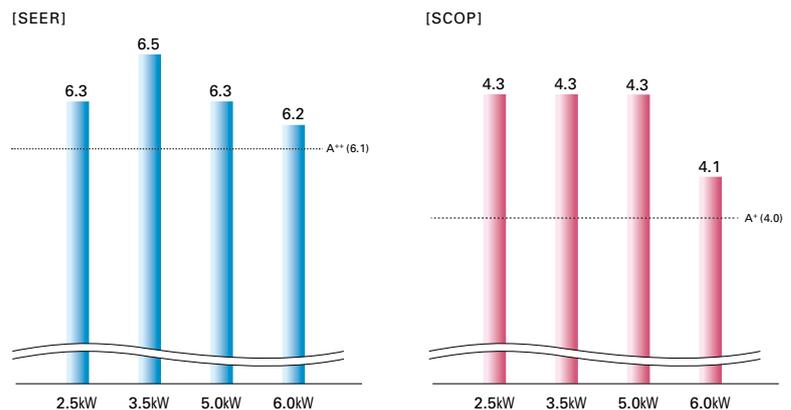
The height above ceiling of 245mm enables fitting into narrow ceiling space. Installation is simple, even when the ceiling spaces are narrow to make the ceilings higher. Of course, in addition to our products, replacing competitors' product is simplified too.



## Energy-saving Performance\*

The energy-saving performance achieved A<sup>++</sup> in SEER and A<sup>+</sup> in SCOP.

\*In case of connecting with SUZ-KA-VA6



## Quietness

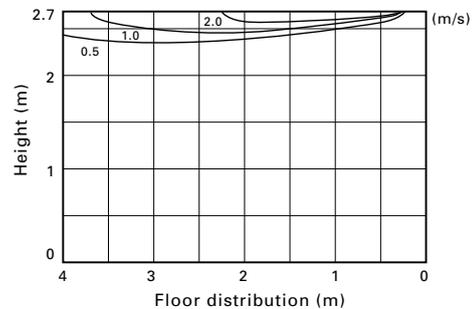
Low sound level has been realized by introduction of 3D turbo fan. New SLZ can give users quieter and more comfortable room condition.



## 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)

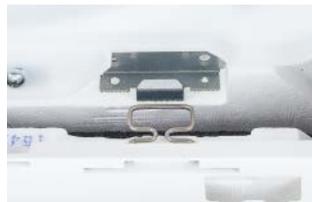


\*Vane angle: Horizontal

## 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.

■ Corner panel

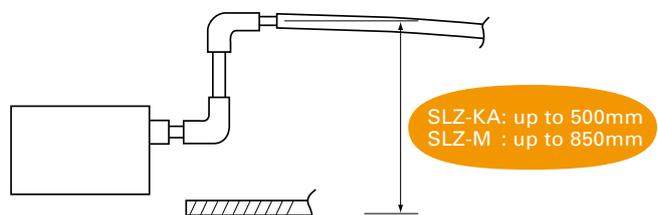


■ Control box cover



## Drain lift

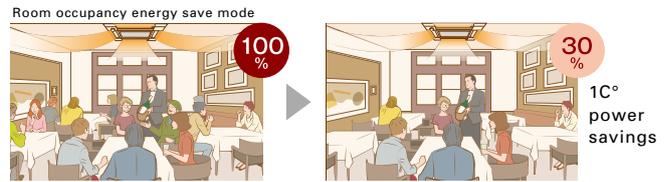
As the result of using a larger drain pan, the maximum drain lifting height has been up to 850mm, greatly enhancing construction flexibility compared to the existing model.



## Detects number of people

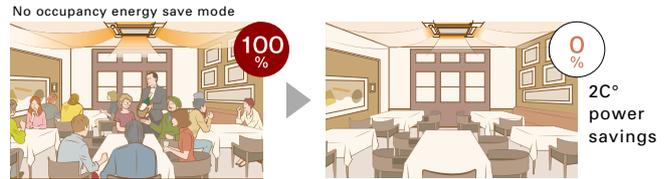
### Room occupancy energy-saving mode

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.



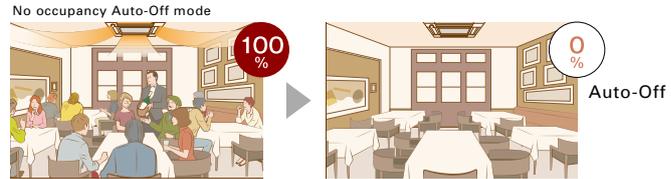
### No occupancy energy-saving mode

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.



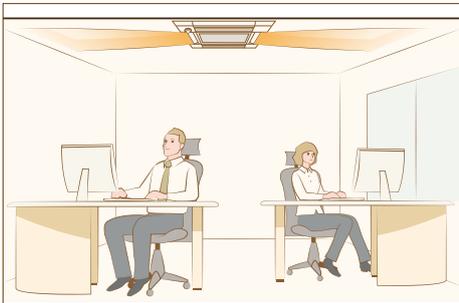
\* When MA Remote Controller is used to control multiple refrigerant systems, "No occupancy Auto-OFF mode" cannot be used.

\*PAR-40MAA 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-40MAA or PAR-SL100A-E is required for each setting.

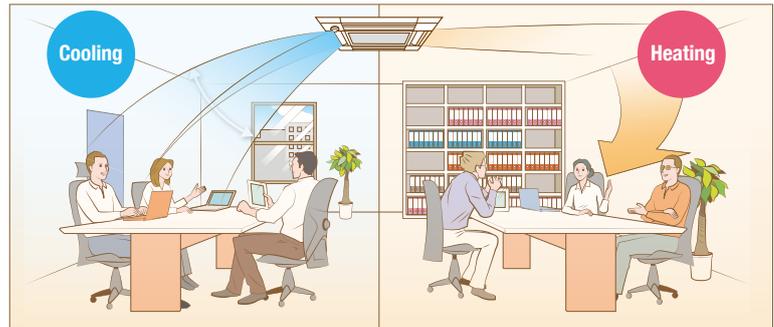
### Seasonal airflow\*

#### <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-40MAA 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
PUZ-ZM71VHA PUHZ-ZRP71VHA2		Twin	—	—
	Distribution pipe	MSDD-50TR2-E MSDD-50TR-E		
PUZ-ZM100V(Y)KA PUHZ-ZRP100V(Y)KA3		Triple	Twin	—
	Distribution pipe	MSDT-111R3-E MSDT-111R-E	MSDD-50TR2-E MSDD-50TR-E	
PUZ-ZM125V(Y)KA PUHZ-ZRP125V(Y)KA3		Quadruple	Triple	Twin
	Distribution pipe	MSDF-111R2-E MSDF-111R-E	MSDT-111R3-E MSDT-111R-E	MSDD-50TR2-E2 MSDD-50TR-E
PUZ-ZM140V(Y)KA PUHZ-ZRP140V(Y)KA3		Quadruple	Triple	—
	Distribution pipe	MSDF-111R2-E MSDF-111R-E	MSDT-111R3-E MSDT-111R-E	—

# SLZ-M SERIES



## Indoor Unit

R32  
R410A



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

## Outdoor Unit

R32

R32

R32



SUZ-M25/35VA



SUZ-M50VA



SUZ-M60VA

## 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	✓	✓	✓

## Remote Controller



Enclosed in  
SLP-2FALM/SLP-2FALME



\*optional



\*optional



\*optional



Type	Inverter Heat Pump							
Indoor Unit	SLZ-M15FA	SLZ-M25FA	SLZ-M35FA	SLZ-M50FA	SLZ-M60FA			
Outdoor Unit	for Multi connection	SUZ-M25VA	SUZ-M35VA	SUZ-M50VA	SUZ-M60VA			
Refrigerant	R32*1							
Power Supply	Source	Outdoor power supply						
	Outdoor (V/Phase/Hz)	230 / Single / 50						
Cooling	Capacity	Rated	kW	–	2.5	3.5	4.6	5.7
		Min - Max	kW	–	1.4 - 3.2	0.7 - 3.9	1.0 - 5.2	1.5 - 6.3
	Total Input	Rated	kW	–	0.65	1.09	1.35	1.67
	Design Load		kW	–	2.5	3.5	4.6	5.7
	Annual Electricity Consumption*2		kWh/a	–	139	183	253	321
	SEER			–	6.3	6.7	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	1.0 - 5.0	1.3 - 5.5	1.6 - 7.3
	Total Input	Rated	kW	–	0.88	1.07	1.56	2.13
	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)	4.1 (-10°C)
		at bivalent temperature	kW	–	2.0 (-7°C)	2.3 (-7°C)	3.2 (-7°C)	4.1 (-7°C)
		at operation limit temperature	kW	–	2.0 (-10°C)	2.3 (-10°C)	3.2 (-10°C)	4.1 (-10°C)
	Back Up Heating Capacity		kW	–	0.2	0.3	0.4	0.5
Annual Electricity Consumption*2		kWh/a	–	716	843	1191	1559	
SCOP			–	4.3	4.3	4.2	4.1	
	Energy Efficiency Class		–	A+	A+	A+	A+	
Operating Current (max)		A	–	7.0	8.7	13.7	15.1	
Indoor Unit	Input	Rated	kW	0.02	0.02	0.02	0.03	0.04
	Operating Current (max)		A	0.17	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>	245-570-570 <10-625-625>
	Weight <Panel>		kg	15 <3>	15 <3>	15 <3>	15 <3>	15 <3>
	Air Volume [Lo-Mid-Hi]		m³/min	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)	24 - 26 - 28	25 - 28 - 31	25 - 30 - 34	27 - 34 - 39	32 - 40 - 43
Sound Level (PWL)		dB(A)	45	48	51	56	60	
Outdoor Unit	Dimensions	H x W x D	mm	–	550 - 800 - 285	550 - 800 - 285	714 - 800 - 285	880 - 840 - 330
	Weight		kg	–	30	35	41	54
	Air Volume	Cooling	m³/min	–	36.3	34.3	45.8	50.1
		Heating	m³/min	–	34.6	32.7	43.7	50.1
	Sound Level (SPL)	Cooling	dB(A)	–	45	48	48	49
		Heating	dB(A)	–	46	48	49	51
	Sound Level (PWL)	Cooling	dB(A)	–	59	59	64	65
		Heating	dB(A)	–	46	48	49	51
	Operating Current (max)		A	–	6.8	8.5	13.5	14.8
	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	6.35 / 15.88
	Max. Length	Out-In	m	–	20	20	30	30
	Max. Height	Out-In	m	–	12	12	30	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 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 CO<sub>2</sub>, 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.

# SLZ-M SERIES



## Indoor Unit

R32  
R410A



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

## Outdoor Unit



SUZ-KA25/35VA6



SUZ-KA50/60VA6

## 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	✓	✓	✓

## Remote Controller



Enclosed in  
SLP-2FALM/SLP-2FALME



\*optional



\*optional



\*optional



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	SUZ-KA60VA6			
Refrigerant	R410A*1							
Power Supply	Source	Outdoor power supply						
	Outdoor (V/Phase/Hz)	230 / Single / 50						
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	0.02	0.03	0.04
	Operating Current (max)		A	0.17	0.20	0.24	0.32	0.43
	Dimensions <Panel>	H × W × 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>	245-570-570 <10-625-625>
	Weight <Panel>		kg	15 <3>	15 <3>	15 <3>	15 <3>	15 <3>
	Air Volume [Lo-Mid-Hi]		m³/min	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)	24 - 26 - 28	25 - 28 - 31	25 - 30 - 34	27 - 34 - 39	32 - 40 - 43
	Sound Level (PWL)		dB(A)	45	48	51	56	60
Outdoor Unit	Dimensions	H × W × 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
		Heating	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	6.35 / 15.88
	Max. Length	Out-In	m	–	20	20	30	30
	Max. Height	Out-In	m	–	12	12	30	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 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 CO<sub>2</sub>, 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.