

Specifications

SINGLE-ZONE | SLZ SYSTEM | HEAT PUMP

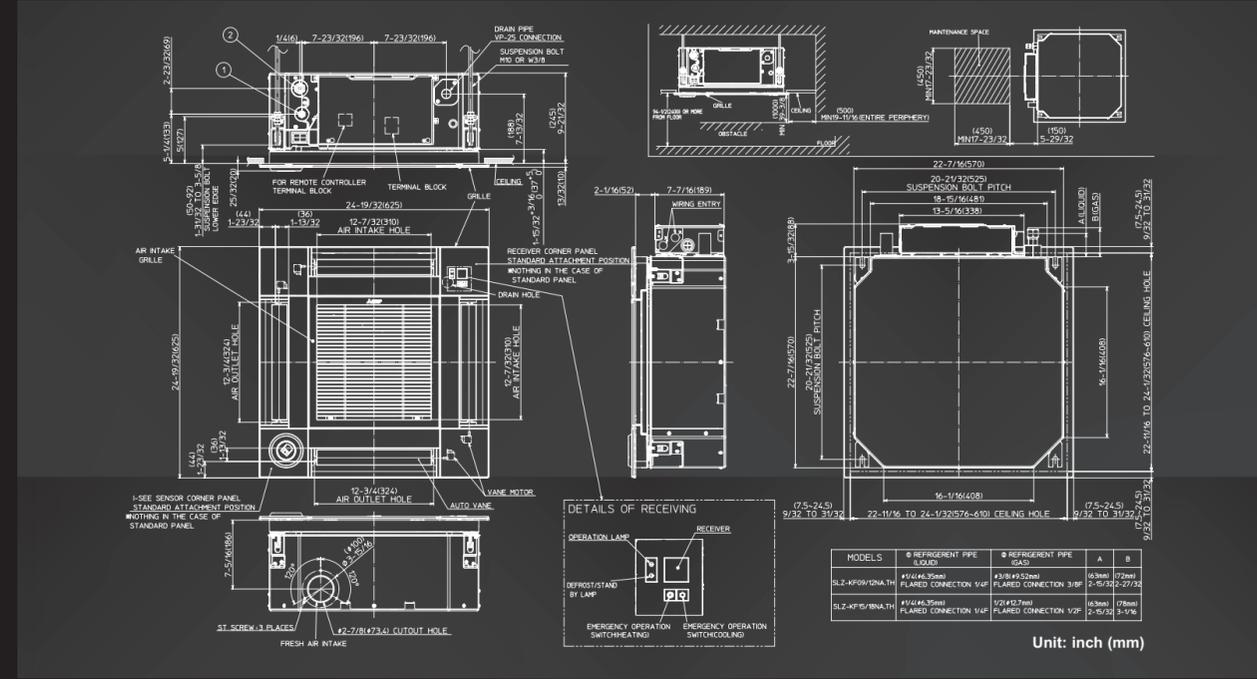


9, 12, and 15 kBTU/hr indoor units are compatible with MXZ model multi-zone outdoor units.
Check MXZ Model Compatibility Chart at MyLinkDrive.com for details.

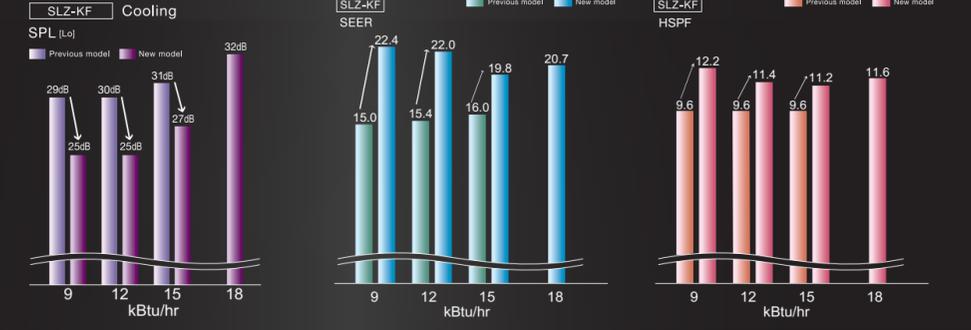
Model Name	Indoor Unit		SLZ-KF09NA	SLZ-KF12NA	SLZ-KF15NA	SLZ-KF18NA	
	Outdoor Unit		SUZ-KA09NA2	SUZ-KA12NA2	SUZ-KA15NA2	SUZ-KA18NA2	
Cooling *1	Rated Capacity	Btu/h	9,000	12,000	14,100	17,700	
	Capacity Range	Btu/h	3,600 – 9,000	3,900 – 12,000	5,100 – 14,100	6,100 – 17,700	
	Rated Power Input	W	670	900	1,150	1,410	
	Energy Efficiency	SEER	22.4	22.0	19.8	20.7	
	Moisture Removal	Pints/h	1.0	2.8	3.2	4.7	
	Sensible Heat Factor		0.87	0.74	0.75	0.71	
Heating at 47° F *2	Rated Capacity	Btu/h	11,000	13,000	18,000	19,700	
	Capacity Range	Btu/h	11,000 – 12,000	13,000 – 13,000	18,000 – 18,000	19,700 – 20,900	
	Rated Power Input	W	4,010	4,800	5,100	8,400	
	HSPF (I/V)	Btu/h/W	12.2	11.4	11.2	11.6	
	Maximum Capacity	Btu/h	6,900	8,900	11,900	12,900	
Heating at 17° F *3	Rated Capacity	Btu/h	810	1,130	1,290	1,410	
	Maximum Capacity	Btu/h	6,900	8,900	11,900	12,900	
Heating at 5° F	Maximum Capacity	Btu/h	5,600	6,100	8,900	9,800	
Power Supply *4	1 Phase, 60Hz, 208 / 230V						
Voltage	Indoor-Outdoor S1 – S2	AC 208-230V					
	Indoor-Outdoor S2 – S3	DC ±24V					
Indoor Unit	MCA	A	0.25	0.30	0.40	0.54	
	Fan Motor (ECM)	F.L.A.	0.20	0.24	0.32	0.43	
	Airflow at Cooling (Lo – Med – Hi)	DRY (CFM)	230-265-300	230-265-335	245-315-405	300-420-475	
		WET (CFM)	207-239-270	207-252-302	221-284-365	270-378-429	
	Airflow at Heating (Lo – Med – Hi)	DRY (CFM)	230-265-335	230-265-335	245-315-405	300-420-475	
		WET (CFM)	207-239-270	207-252-302	221-284-365	270-378-429	
	Sound Pressure Level at Cooling *1	dB(A)	25-28-31	25-30-34	27-34-39	32-40-43	
	Sound Pressure Level at Heating *2	dB(A)	25-28-31	25-30-34	27-34-39	32-40-43	
	External Finish	Galvanized Steel Sheets; Grille: Munsell 1.0Y 9.2/0.2					
	Dimension Unit (Grille)	W: In.	22-7/16 (25-5/8)				
D: In.		22-7/16 (25-5/8)					
H: In.		9-1/4 (13/16)					
Lbs.		37 (TBD)					
Weight Unit (Grille)	Lbs.	37 (TBD)					
Drain-lift Mechanism (Included)	H: In.	33					
Field Drainpipe Size O.D.	In.	1-1/4					
Remote Controller	Type	Compatible with multiple controls options including kumo cloud®					
Outdoor Unit	MCA	A	9	10	14	24	
	MOCP	A	15	16	18	24	
	Fan Motor (ECM)	F.L.A.	0.50	0.50	0.67	0.67	
	Compressor	Model (Type)	DC INVERTER-driven		DC INVERTER-driven Twin Rotary		
		R.L.A.	6.2	6.6	7.4	10.0	
		L.R.A.	7.7	8.2	9.3	12.5	
	Airflow (Cooling/Heating)	CFM	1,229 / 1,172	1,243 / 1,229	1,691 / 1,691	1,691 / 1,691	
	Refrigerant Control	Linear Expansion Valve					
	Defrost Method	Reverse Cycle					
	Sound Pressure Level at Cooling *1	dB(A)	48	49	54	54	
	Sound Pressure Level at Heating *2	dB(A)	50	51	55	55	
	External Finish Color	Munsell No. 3Y 7.8/1.1					
	Dimensions	W: In.	31-1/2		33-1/6		
		D: In.	11-1/4		13		
		H: In.	21-5/8		34-5/8		
Lbs.		81		127			
Weight	Lbs.	81		127			
	Type	R410A					
	Charge	Lbs., Oz.	2, 5	2, 9	3, 9		
Oil	Type (fl. oz.)	FV50S (9.1)		FV50S (11.8)			
	Gas Side O.D.	In.	3/8		1/2		
Refrigerant Pipe	Liquid Side O.D.	In.		1/4			
	Height Difference (Max.)	Ft.	40		50		
Refrigerant Pipe Length	Length (Max.)	Ft.	65		100		
	Indoor/Outdoor	Flared/Flared					

NOTES: Test conditions are based on AHRI 210/240.
 *1. Rating conditions (cooling) — Indoor: D.B. 80° F (27° C), W.B. 67° F (19° C); Outdoor: D.B. 95° F (35° C), W.B. 75° F (24° C).
 *2. Rating conditions (heating) — Indoor: D.B. 70° F (21° C), W.B. 60° F (16° C); Outdoor: D.B. 47° F (8° C), W.B. 43° F (6° C).
 *3. Rating conditions (heating) — Indoor: D.B. 70° F (21° C), W.B. 60° F (16° C); Outdoor: D.B. 17° F (-8° C), W.B. 15° F (-9° C).
 *4. Indoor units receive power from outdoor units through field-supplied interconnected wiring. Specifications are subject to change without notice.

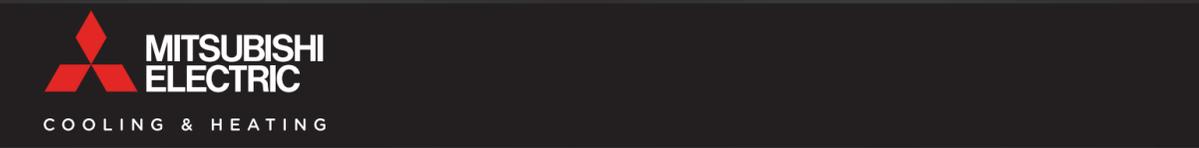
Dimensions



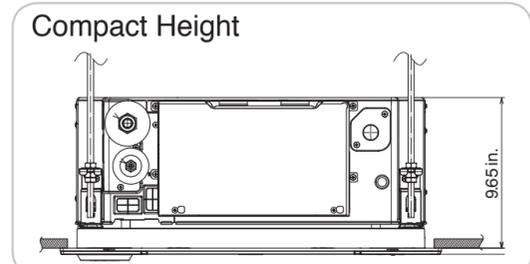
The sound level has been reduced by 4 to 5 dB(A) thanks to the introduction of a 3D turbo fan, for quieter and more comfortable air conditioning.



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 SKU: ME-SLZ-PLG | 02.2019 | Printed in the USA



SLZ-KF Model Four-way Ceiling Cassette



Temporary Hanging Hooks
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.



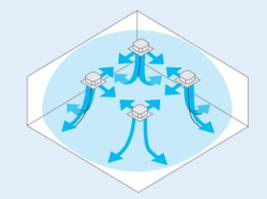
Increased Space for Plumbing
The top and bottom positions of the liquid and gas pipes have been reversed to allow the gas pipe work, which requires more effort, to be completed first.



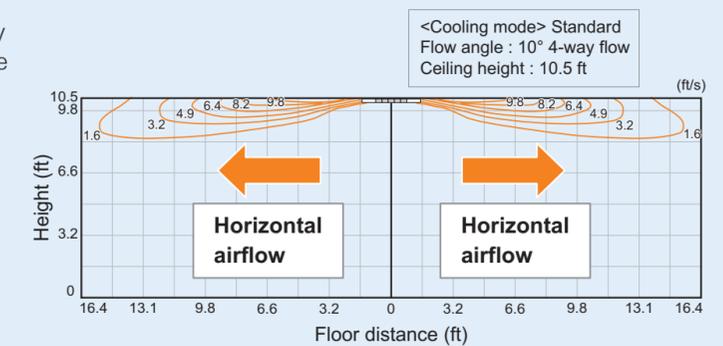
Individual Vane Angle Settings
Vane directions can be changed or fixed from the remote controller to direct the supply air at or away from the objects or the occupants in the room.



Multi-directional air conditioning
The combination of individual vane setting enables the optimal outlet setting for each room layout to ensure even temperature distribution throughout each room.

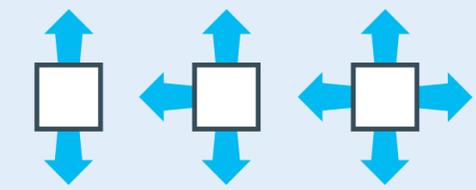


Horizontal Airflow Distribution
Supply air is horizontally fed into space to reduce the feeling of cold draft. The ideal airflow for offices and restaurants.

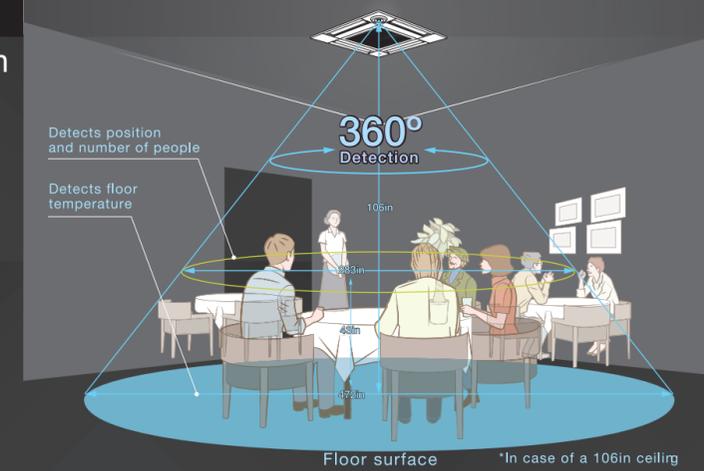
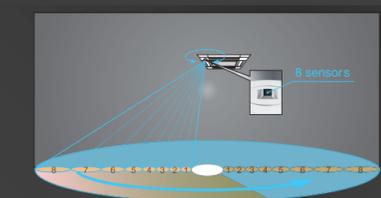


Four-way Vane Control
2-, 3-, 4-way airflow pattern selection

- Two-way, three-way and four-way airflow pattern selection
- Direct/Indirect airflow
- Seasonal airflow mode



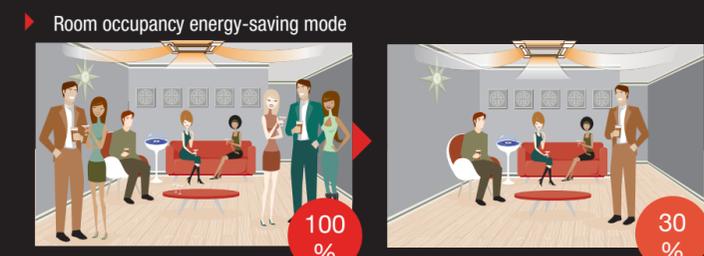
3D i-see Sensor™
Highly accurate people detection
A total of eight sensors rotate a full 360° in 3-minute intervals. In addition to detecting human body temperature, our original algorithm also detects people's positions and the number of people.



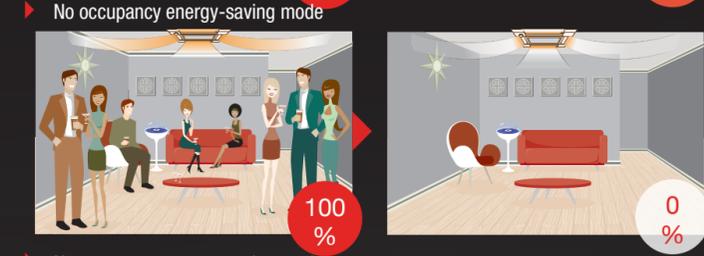
Detects number of people
Energy-saving mode

The 3D i-see Sensor detects the number of people in the room, calculates the room occupancy rate and adjusts the room's conditioning accordingly. Energy savings is improved by switching power to energy-saving mode or turning to Auto-off.

Room occupancy energy-saving mode
The 3D i-see Sensor detects the number of people in the room.



No occupancy energy-saving mode
When 3D i-see Sensor detects that no one is in the room, the system is switched to a preset power-saving mode.



No occupancy Auto-Off mode
When the room remains unoccupied for a preset period of time, the air conditioner turns off automatically and provides even greater power savings.

