 **MITSUBISHI
ELECTRIC**
AIR CONDITIONERS

 Mitsubishi
Electric
Quality



SLIM PACKAGED
Ceiling Cassette
(R-410A)
21SPAC

Mr. SLIM

Product Line-Up

Btu/hr	8,871	11,942	18,000	24,000	30,000	36,000	42,000	48,000	Remote controller
CEILING CASSETTE (INVERTER)	SLZ-KF25VA2	SLZ-KF35VA2	PLY-SP18EA	PLY-SP24EA	PLY-SP30EA	PLY-SP36EA	PLY-SP42EA	PLY-SP48EA	(Included) (Optional)
PLY SERIES									 PAR-SL97A  PAR-SL100A  PAR-21MAA  PAR-30MAA
	OUTDOOR UNITS (INVERTER)	SUZ-KA25VA6	SUZ-KA35VA6	SUY-SA18VA2	SUY-SA24VA2	SUY-SA30VA2	PUY-SP36V/YKA2	PUY-SP42V/YKA2	PUY-SP48V/YKA2
									

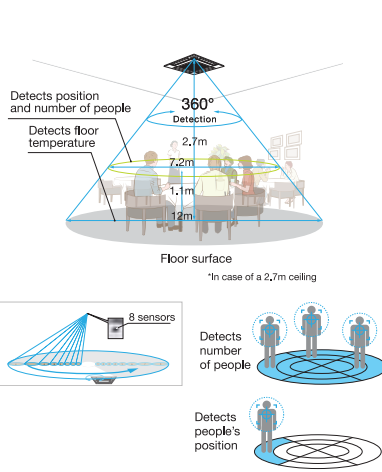
Note: Up to 24,000 Btu/hr entitled for 2 years general warranty and 5 years compressor warranty.
 Above 24,000 Btu/hr to 48,000 Btu/hr is entitled for 1 year general warranty and 5 years compressor warranty.

Features Summary

Series	Comfort										Installation & Maintenance							Others		Remote Controller				
Features	Auto-Swing	Smudge Free	Quiet Operation	Computerized dehumidifier	Auto-Fan Speed	Fresh Air Intake Outlet	Wide Vane	High Ceiling Mode (Up to 3.5m P18/24, 4.5m P30/36)	I-see Sensor (Optional)	Weekly Schedule Wired RC (Optional)	Compact Design	Drain water lift	Long life filter (2500hrs)	Flockless Vanes	Handy Pocket Corner	Self-Diagnosis Function (Wired RC)	Error Code & Filter indicator (For Wired Remote Controller)	Automatic Grille (Optional)	New direct suspension system	System control (Optional with M-Net Adapter)	Group Operation (With Wired R.C)	Auto restart	Outdoor unit max. operating temp of 52°C	Wired Type (Optional for SLZ/PLY/PL-P)
SLZ	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
PLY	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●

Product Features

3D i-see Sensor Highly accurate motion detection that eliminates uneven temperature distribution and reduces electricity consumption



“3D i-see Sensor” temperature-sensing technology improves energy efficiency and enhances room comfort

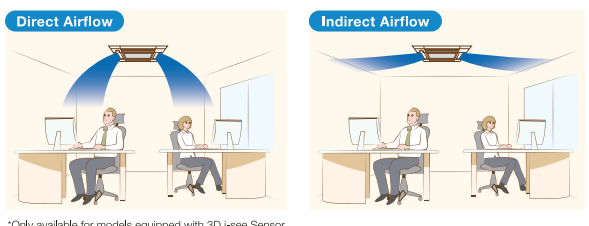
The “3D i-see Sensor” is an innovative Mitsubishi Electric technology that uses a radiation-based sensor to monitor temperature throughout an entire room. When connected to the air conditioner control panel, the “3D i-see Sensor” works to maximize room comfort.

Sensible temperature control prevents excessive cooling through pioneering control technology

By measuring the inlet temperature and floor temperature, temperatures felt by the human body (sensible temperature) are computed. This allows the proper sensible temperature to always be maintained through the suppression of excessive cooling.

Detect people's position

With 3D i-see sensor, cooling can come in contact directly or indirectly by controlling each vane shutter to block airflow. From there, it helps maintain effective temperature in an environment by switching between ventilation and cooling automatically, hence, it helps to save energy while keeping comfortable coolness.



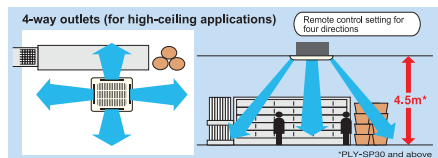
*Only available for models equipped with 3D i-see Sensor.

Vane Control Applications

For Shopping Malls

Wide airflow coverage down to the floor even in expansive spaces like large factory-outlet centers or shopping malls with high ceilings.

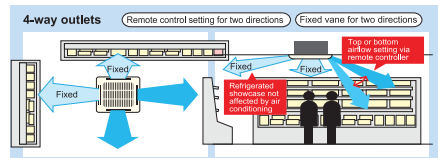
The unique airflow design of the powerful ceiling-cassette models reduces pressure loss and provides wide cool-air coverage from high ceilings to the floor even in expansive spaces like shopping malls with ceilings over 4 metres in height.



For Retail Outlets (e.g. grocery stores)

These units are ideal for maintaining constant temperatures in environments that have equipment such as refrigerated showcases.

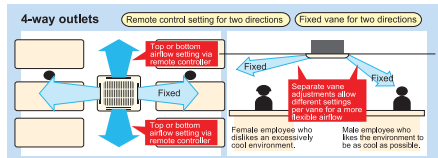
Individual vane angle adjustment enables precise airflow control to specific areas of the store to reduce unnecessary air conditioning of areas such as refrigerated showcases.



For Offices

Flexible and pleasant airflow eliminates annoying drafts within the office environment.

In office environments, annoying drafts can be bothersome, leading to discomfort and reduced productivity. Precise vane control helps to eliminate this problem.



Product Design

Wide airflow



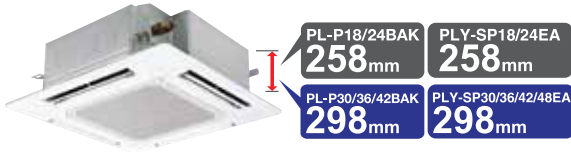
Wide angle outlets with horizontal airflow and 20% reduction fan speed to increased comfort

Handy Pocket



Easy maintenance work such as drain pan cleaning and height adjustment can be accomplished without removing grille

Unit Height



Bacteria and Mold-resistant

Mitsubishi Electric filters are designed to prevent the growth of mold for fresh and pleasant air conditioning at all times



Automatic vane shutter*



When the air conditioner is not operating, the vane shutter closes automatically to conceal the air outlet and create an aesthetically appealing flat surface.

*this feature will not activate when the vane is set at the fixed position.

Disclaimer: Feature of individual models please refer feature summary table.

Quiet Operation

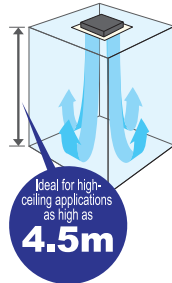


Improved airflow path and powerful high-capacity flow fan contribute to the realization of quieter operation

Product Features

Wide-flow air outlet

The high-power ceiling cassettes offer a wide-flow air outlet that enables effective air conditioning of rooms with atrium ceilings up to 4.5 meters in height. The demands of high-ceiling applications such as halls, showrooms or shopping malls can now be fully answered thanks to this powerful yet highly efficient airflow.



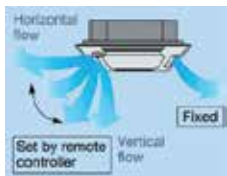
Less cold draft

The horizontal airflow function prevents cold drafts from striking the body directly, thereby keeping the body from becoming over-chilled.

*Horizontal airflow prevents drafty feeling.



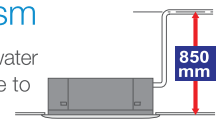
Independent Vane Direction Setting



Use the wired remote controller to set the airflow pattern of each vane independently. Easily adjust airflow to the interior layout to ensure even temperature distribution

Drain water lift-up mechanism

A high-performance drain pump on the drain water lift-up mechanism allows the drain water pipe to be lifted to 850mm from the ceiling surface.



Fresh-air intake

Indoor air quality is significantly enhanced by the direct intake of fresh air from outside. An optional multi-function casement is also available for the intake of a larger volume of air.

Automatic Air-speed adjustment

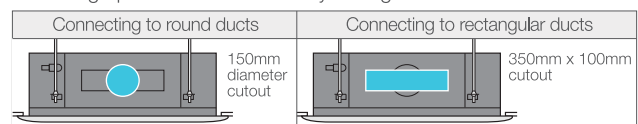
An automatic air speed adjustment mode is provided in addition to the four air-speed stages, of high, Medium 1, Medium 2, and Low. Air speed can be changed freely in accordance with a difference between the set temperature and the room temperature. The automatic air speed adjustment mode offers quick cooling of a room in high mode, such as at the starting up of cooling operation. After the room temperature is stabilized, the low mode will be applied automatically to maintain comfort.



(When using the wireless remote controller, an extra setting is required.)

Compatible with both round and rectangular ducts

For easy connection to branch ducts, knock-out holes are designed to fit both round and rectangular ducts. Matching the shape of the duct fringe provides more flexibility during installation.



Specification

Ceiling-Cassette (SLZ/PLY-SP) Standard Inverter

Models		SLZ-KF25VA2	SLZ-KF35VA2	PLY-SP18EA	PLY-SP24EA	PLY-SP30EA	PLY-SP36EA		PLY-SP42EA		PLY-SP48EA		
Cooling capacity	BTU/h	8,871	11,942	18,000	24,000	30,000	36,000		42,000		48,000		
Total input	kW	0.684	0.972	1.69	2.15	2.93	3.52		4.30		6.02		
EER	W/W	3.8	3.6	3.13	3.3	3.00	3.01		2.86		2.34		
Running Current	A	3.2	4.59	7.6	9.7	13.2	15.9 (V) 6.0 (Y)		19.3 (V) 7.3 (Y)		26.8 (V) 9.9 (Y)		
Indoor unit	Model name	SLZ-KF25VA2	SLZ-KF35VA2	PLY-SP18EA	PLY-SP24EA	PLY-SP30EA	PLY-SP36EA		PLY-SP42EA		PLY-SP48EA		
	Power supply	1phase 220-240V 50Hz			1phase 220-240V 50Hz								
	Airflow	CFM	390-450-510	390-480-570	495-565-600-635	565-600-670-740	670-810-920-1,025	740-885-990-1,095		740-885-990-1,130		850-920-1025-1,130	
	Noise level (low-med2-med1-high)	dB (A)	25-28-31	25-30-34	27-29-31-32	28-30-32-35	31-34-37-41	32-37-41-43		32-37-41-44		36-39-42-44	
	Unit drain pipe (outer diameter)	mm	32			32							
	Dimension (W X D X H)	mm	570x570x245			840x840x258			840x840x298				
	Panel Dimension (W X D X H)	mm	625x625x10			950x950x35							
Weight (panel)	kg	15	15	19 (5)	21 (5)	24 (5)	27 (5)						
Outdoor unit	Model name	SUZ-KA25VA6	SUZ-KA35VA6	SUY-SA18VA2	SUY-SA24VA2	SUY-SA30VA2	PUY-SP36VKA2	PUY-SP36YKA2	PUY-SP42VKA2	PUY-SP42YKA2	PUY-SP48VKA2	PUY-SP48YKA2	
	Power supply	1phase 220-240V 50Hz			1phase 220-240V 50Hz			1phase 220-240V 50Hz	3phase 380-415V 50Hz	1phase 220-240V 50Hz	3phase 380-415V 50Hz	1phase 220-240V 50Hz	3phase 380-415V 50Hz
	Refrigerant	R410A											
	Noise level	dB (A)	47	49	47	52	54	52		53	53	56	56
	Dimension (W X D X H)	mm	800x285x550		800x285x550	840x330x880		1,050x330x981					
	Weight	kg	30	35	32	49	47	64	65	72	73	72	73
	Max. height difference	m	12		12	15	15	30		30	30	30	30
	Max. piping length	m	20		20	30	30	50		50	50	50	50
Pipe size (outer diameter)	mm	Liquid: 6.35 Gas: 9.52		Liquid: 6.35 Gas: 12.7	Liquid: 9.52 Gas: 15.88								
Guaranteed Operating Range	Upper limit (DB)	46						52					
	Lower limit (DB)	-10						18					

Testing Condition: Cooling Indoor 27° CDB, 19° CWB. Outdoor 35° CDB Refrigerant Piping length 7.5m.

* Hair Saloon environment is not recommended using with compact high efficient heat exchanger design. Please contact our office for further details.

Note: Single Phase - SUZ-KA**VA6, SUY-SA**VA2, PUY-SP**VKA2

Three Phase - PUY-SP**YKA2



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Mitsubishi Electric Consumer Products and Mitsubishi Electric Shizuoka Works acquired ISO 9001 certification under Series 9000 of the International Standard Organization (ISO) based on a review of Quality Warranties for the production of air conditioning equipment. The plant also acquired environmental management system standard ISO 14001 certification.



Authorised Dealer: