

CITY MULTI PLFY-P VFM-E

INDOOR UNIT - 4-WAY CASSETTE

NEW



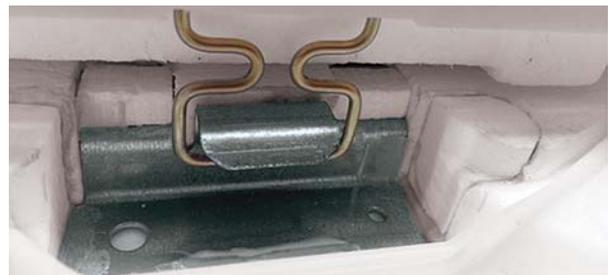
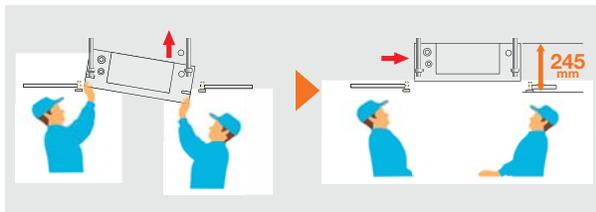
The straight-line shape introduced has resulted in a stylish and modern square design. Its high affinity ensures the ability to blend in seamlessly with any interior. The indoor unit is an ideal match for office or store use.



Simplified installation

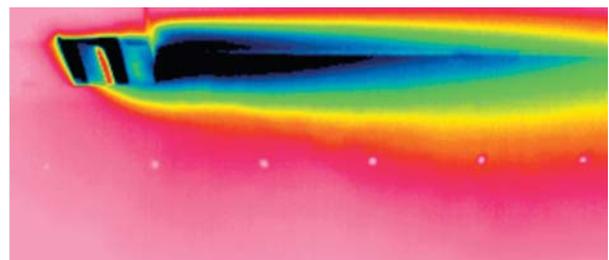
The height above ceiling of 245 mm is top class in the industry. The height above ceiling of 245 mm enables fitting into narrow ceiling space. Installation is simple, even when the ceiling spaces are narrow to make the ceilings higher.

Light weight (max 15kg) and temporary hanging hooks for grille allow to make installation easier and quicker.



Superior air flow control

The new airflow control completely eliminates that uncomfortable drafty-feeling with the introduction of a **horizontal airflow** that spreads across the ceiling, maximizing the Coanda effect. Furthermore, 5 patterns for vane position (on previous VCM was 4) and individual settable vane and ways ensure higher comfort. The ideal airflow for offices and restaurants.



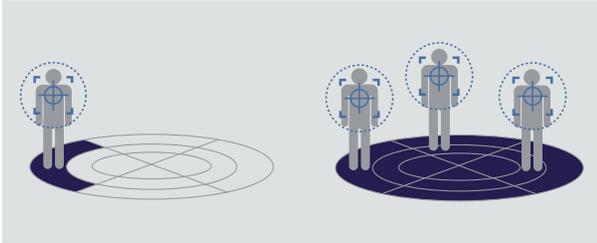
3D i-see Sensor

New advanced 3D i-see sensor detects people's position and number. Once a person is detected, the angle of the vane is automatically adjusted. Each vane can be independently set to "Direct Airflow" or "Indirect Airflow" according to taste.

The 3D i-see Sensor detects the number of people in the room and adjusts the power accordingly. This makes automatic power-saving operation possible in places where the number of people changes frequently.



Additionally, when the area is continuously unoccupied, the system switches to a more enhanced power-saving mode. Depending on the setting, it can also stop the operation.



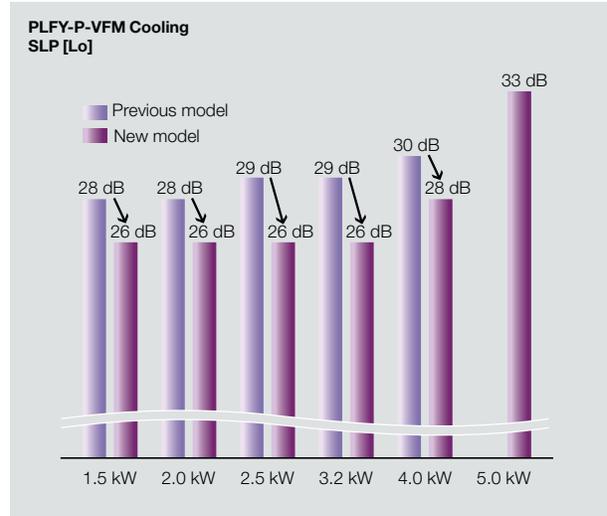
New size 5kW (P50)

New model has been introduced to expand line-up.

MODEL	1.5 kW	2.0 kW	2.5 kW	3.2 kW	4.0 kW	5.0 kW
PLFY-P VCM	✓	✓	✓	✓	✓	
				↓		
PLFY-P VFM NEW	✓	✓	✓	✓	✓	✓

Quietness

By the means of a new 3D Turbo Fan and DC inverter motor, sound level has been reduced by 2-4dB(A) for quieter and more comfortable air conditioning.



TECHNICAL SPECIFICATIONS

MODEL		PLFY-P15VFM-E	PLFY-P20VFM-E	PLFY-P25VFM-E	PLFY-P32VFM-E	PLFY-P40VFM-E	PLFY-P50VFM-E
Power		Single phase, 220-240VAC 50Hz					
Capacity in cooling mode*1	kW	1,7	2,2	2,8	3,6	4,5	5,6
	Btu/h	5800	7500	9600	12300	15400	19100
Capacity in heating mode*1	kW	1,9	2,5	3,2	4	5	6,3
	Btu/h	6500	8500	10900	13600	17100	21500
Power consumption	Cooling kW	0,02	0,02	0,02	0,02	0,03	0,04
	Heating kW	0,02	0,02	0,02	0,02	0,03	0,04
Current	Cooling A	0,19	0,21	0,22	0,23	0,28	0,4
	Heating A	0,19	0,21	0,22	0,23	0,28	0,4
External finish	Unit	Galvanised steel sheet with uncoated thermal insulation					
	Grille	Pure White					
Dimensions (HxLxW)	Unit mm	245x570x570					
	Grille mm	10x625x625					
Net weight	Unit kg	14				15	
	Grille kg	3					
Heat exchanger		Cross fins					
Fan	Type x Quantity	3D Turbo fan x 1					
	Air flow*2 m³/min	6,5 - 7,5 - 8	6,5 - 7,5 - 8,5	6,5 - 8 - 9	7 - 8 - 9,5	7,5 - 9 - 11	9 - 11 - 13
	Ext. Static pressure Pa	0					
Air filter		Polypropylen honeycomb (long life)					
Refrigerant pipe diameter	Gas (swaged) mm	12,7					
	Liquid (swaged) mm	6,35					
Sound pressure*2*3	dB(A)	26 - 28 - 30	26 - 29 - 31	26 - 30 - 33	26 - 30 - 34	28 - 33 - 39	33 - 39 - 43

*1 For heating/cooling capacity, the maximum value with the unit operating in the following conditions is given.

Cooling: indoor 27°C (81°F) DB/19°C (66°F) WB, outdoor 35°C (95°F) DB. Heating: indoor 20°C (68°F) DB, outdoor 7°C (45°F) DB/6°C (43°F) WB.

*2 Air flow/noise levels given for operation in low-medium-high modes.

*3 Measured in anechoic chamber with 230V mains power.