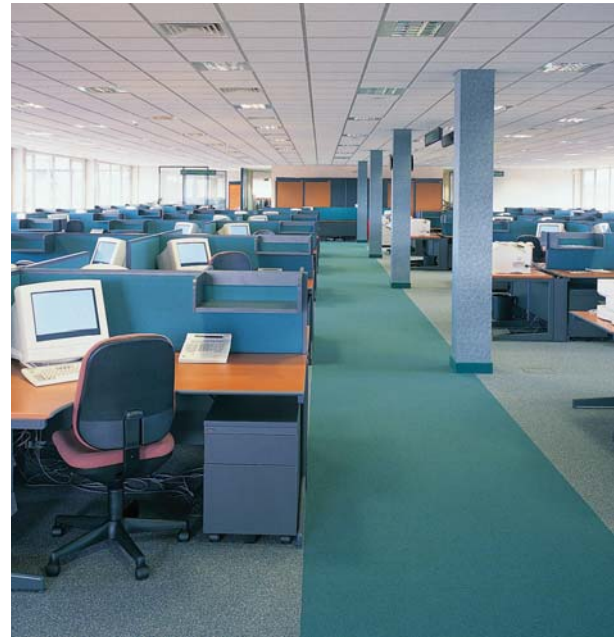
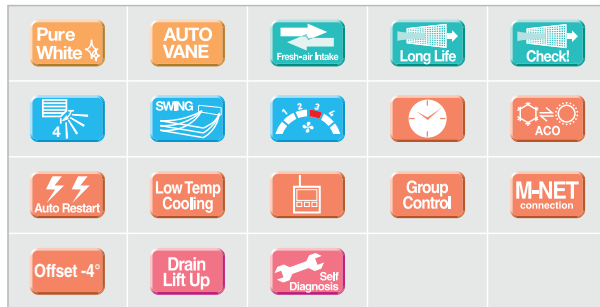


# CITY MULTI PLFY-P VLMD-E

INDOOR UNIT - 2-WAY CASSETTE



The slimline design of this unit – which measures **just 290 mm** in height – makes it the ideal solution for installations with limited ceiling space and for replacing obsolete units in old buildings.



## General characteristics

### Terminal board

The terminal board is located on the exterior of the main unit to make wiring connections easier.

### Direct inlet for external air

Pure fresh air may be fed directly into the main unit (requires optional accessories).

### Long-life filter fitted as standard

The long-life antibacterial filter requires no maintenance whatsoever for intervals of approximately one year.

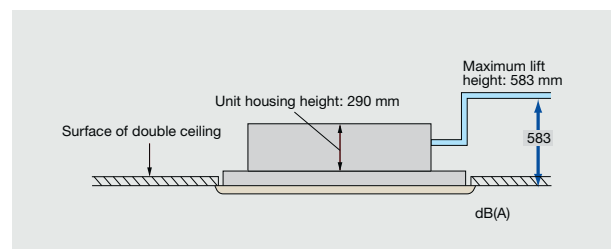
### Compact unit with low noise levels

Noise levels at 15 Pa (standard static pressure).

		dB(A)									
NOISE LEVEL	Capacity	P20	P25	P32	P40	P50	P63	P80	P100	P125	
	Fan Speed	High		33		36	37	39	39	42	46
		Medium		30		33	34	37	36	39	42/44
		Low		27		29	31	32	33	36	40

## Condensate lift pump

The standard version is equipped with a condensate lift pump mechanism. This allows the drain outlet to be situated up to 583 mm from the level of the ceiling, allowing for greater freedom of movement with longer transverse sections of piping, and greater flexibility in the layout of the piping itself.



## Easier installation

The possibility of using a lighter panel and of placing the electrical board near the panel make installation and maintenance simpler. Moreover, the heat exchanger can be washed easily by simply moving the central panel, filter and fan.

## TECHNICAL SPECIFICATIONS

MODEL		PLFY-P20VLM-D-E	PLFY-P25VLM-D-E	PLFY-P32VLM-D-E	PLFY-P40VLM-D-E
<b>Power</b>		A single phase, 220-240V 50Hz / a single phase, 220-230V 60Hz			
<b>Capacity in cooling mode*</b>	kW	2.2	2.8	3.6	4.5
	Btu/h	7,500	9,600	12,300	15,400
<b>Capacity in heating mode*</b>	kW	2.5	3.2	4.0	5.0
	Btu/h	8,500	10,900	13,600	17,100
<b>Power consumption</b>	Cooling kW	0.072 / 0.075	0.072 / 0.075	0.072 / 0.075	0.081 / 0.085
	Heating kW	0.065 / 0.069	0.065 / 0.069	0.065 / 0.069	0.074 / 0.079
<b>Current</b>	Cooling A	0.36 / 0.37	0.36 / 0.37	0.36 / 0.37	0.40 / 0.42
	Heating A	0.30 / 0.32	0.30 / 0.32	0.30 / 0.32	0.34 / 0.37
<b>External finish (Munsel No.)</b>	Unit	Galvanised steel sheet			
	Grille	White (0.7Y 8.59/0.97)			
<b>Dimensions (HxLxW)</b>	Unit mm	290x776x634			
	Grille mm	20x1080x710			
<b>Net weight</b>	Unit kg	23			24
	Grille kg			6.5	
<b>Heat exchanger</b>		Cross fin			
<b>Fan</b>	Type x Quantity	Turbo fan x 1			
	Air flow <sup>**</sup>	m <sup>3</sup> /min	6.5-8.0-9.5		7.0-8.5-10.5
		l/s	108-133-158		117-142-175
		cfm	230-283-335		247-300-371
	Static ext.l pressure	Pa			
		0			
<b>Motor</b>	Type	DC motor			
	Power output kW	0.015 (at 240V)			
<b>Air filter</b>		Polypropylene honeycomb (long life)			
<b>Refrigerant pipe diameter</b>	Gas (swaged) mm	ø12.7			
	Liquid (swaged) mm	ø6.35			
<b>Local drain pipe diameter</b>		O.D.32			
<b>Sound pressure<sup>**2*3</sup></b>	220V, 240V dB(A)	27-30-33		29-33-36	
	230V dB(A)	28-31-34		30-34-37	

## TECHNICAL SPECIFICATIONS

MODEL		PLFY-P50VLM-D-E	PLFY-P63VLM-D-E	PLFY-P80VLM-D-E	PLFY-P100VLM-D-E	PLFY-P125VLM-D-E	
<b>Power</b>		A single phase, 220-240V 50Hz / a single phase, 220-230V 60Hz					
<b>Capacity in cooling mode*</b>	kW	5.6	7.1	9.0	4.5	14.0	
	Btu/h	19,100	24,200	30,700	15,400	47,800	
<b>Capacity in heating mode*</b>	kW	6.3	8.0	10.0	5.0	16.0	
	Btu/h	21,500	27,300	34,100	17,100	54,600	
<b>Power consumption</b>	Cooling kW	0.082 / 0.086	0.101 / 0.105	0.147 / 0.156	0.081 / 0.085	0.28 / 0.28	
	Heating kW	0.075 / 0.080	0.094 / 0.099	0.140 / 0.150	0.074 / 0.079	0.27 / 0.27	
<b>Current</b>	Cooling A	0.41 / 0.43	0.49 / 0.51	0.72 / 0.74	0.40 / 0.42	1.35 / 1.35	
	Heating A	0.35 / 0.38	0.43 / 0.46	0.66 / 0.69	0.34 / 0.37	1.33 / 1.33	
<b>External finish (Munsel No.)</b>	Unit	Galvanised steel sheet					
	Grille	White (0.7Y 8.59/0.97)					
<b>Dimensions (HxLxW)</b>	Unit mm	290x946x634		290x1446x634		290x1708x606	
	Grille mm	20x1250x710		20x1750x710		20x2010x710	
<b>Net weight</b>	Unit kg	23	28	44	47	56	
	Grille kg	7.5		12.5		13.0	
<b>Heat exchanger</b>		Cross fin					
<b>Fan</b>	Type x Quantity	Turbo fan x 1		Turbo fan x 2		Scirocco fan x 4	
	Air flow <sup>**</sup>	m <sup>3</sup> /min	6.5-8.0-9.5	11.0-13.0-15.5	15.5-18.5-22.0	17.5-21.0-25.0	24.0-27.0-30.0-33.0
		l/s	108-133-158	167-217-258	258-308-367	292-350-417	400-450-500-550
		cfm	230-283-335	353-459-547	547-653-777	618-742-883	848-953-1,059-1,165
	Static ext.l pressure	Pa					
		0					
<b>Motor</b>	Type	Single-phase induction motor					
	Power output kW	0.020 (a 240V)		0.020 (a 240V)	0.030 (a 240V)	0.078x2 (a 240V)	
<b>Air filter</b>		Polypropylene honeycomb (long life)				Synthetic fiber unwoven cloth filter (long life)	
<b>Refrigerant pipe diameter</b>	Gas (swaged) mm	ø12.7		ø15.88			
	Liquid (swaged) mm	ø6.35		ø9.52			
<b>Local drain pipe diameter</b>		O.D.32 (1-1/4)					
<b>Sound pressure<sup>**2*3</sup></b>	220V, 240V dB(A)	31-34-37	32-37-39	33-36-39	36-39-42	40-42-44-46	
	230V dB(A)	32-35-38	33-38-40	34-37-40	37-41-43	40-42-44-46	

\*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.

\*\* Air flow/noise levels given for operation in low-medium1-medium2-high modes.

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