

1. SPECIFICATIONS

Ceiling cassette (2-way flow type)

PLFY-P-VMMD-E

Model			PLFY-P20VMMD-E	PLFY-P25VMMD-E	PLFY-P32VMMD-E	PLFY-P40VMMD-E	
Power source			1-phase 220-230-240 V 50/60 Hz	1-phase 220-230-240 V 50/60 Hz	1-phase 220-230-240 V 50/60 Hz	1-phase 220-230-240 V 50/60 Hz	
Cooling capacity (Nominal)	*1	kW	2.2	2.8	3.6	4.5	
		BTU/h	7,500	9,600	12,300	15,400	
		Power input	kW	0.016	0.023	0.024	0.031
		Current input	A	0.21-0.20-0.18	0.29-0.27-0.24	0.30-0.28-0.27	0.37-0.35-0.34
Heating capacity (Nominal)	*2	kW	2.5	3.2	4.0	5.0	
		BTU/h	8,500	10,900	13,600	17,100	
		Power input	kW	0.013	0.020	0.021	0.029
		Current input	A	0.17-0.16-0.15	0.25-0.23-0.20	0.26-0.24-0.23	0.33-0.31-0.30
External finish			Galvanized steel plate	Galvanized steel plate	Galvanized steel plate	Galvanized steel plate	
External dimension H x W x D		mm	290 x 770 x 650	290 x 770 x 650	290 x 770 x 650	290 x 770 x 650	
		in.	11-7/16 x 30-3/8 x 25-5/8	11-7/16 x 30-3/8 x 25-5/8	11-7/16 x 30-3/8 x 25-5/8	11-7/16 x 30-3/8 x 25-5/8	
Net weight		kg (lbs)	20 (45)	20 (45)	21 (47)	21 (47)	
Decoration panel	Model		CMP-40LWH-E	CMP-40LWH-E	CMP-40LWH-E	CMP-40LWH-E	
	External finish		MUNSELL (1.0Y 9.2/0.2)	MUNSELL (1.0Y 9.2/0.2)	MUNSELL (1.0Y 9.2/0.2)	MUNSELL (1.0Y 9.2/0.2)	
	Dimension H x W x D	mm	20 x 1,080 x 710	20 x 1,080 x 710	20 x 1,080 x 710	20 x 1,080 x 710	
		in.	13/16 x 42-9/16 x 28	13/16 x 42-9/16 x 28	13/16 x 42-9/16 x 28	13/16 x 42-9/16 x 28	
	Net weight		kg (lbs)	7 (16)	7 (16)	7 (16)	7 (16)
Heat exchanger			Cross fin (Aluminum fin and copper tube)	Cross fin (Aluminum fin and copper tube)	Cross fin (Aluminum fin and copper tube)	Cross fin (Aluminum fin and copper tube)	
FAN	Type x Quantity		Turbo fan x 1	Turbo fan x 1	Turbo fan x 1	Turbo fan x 1	
	External static press.	Pa	0	0	0	0	
		mmH ₂ O	0.0	0.0	0.0	0.0	
	Motor Type		DC motor	DC motor	DC motor	DC motor	
	Motor output	kW	0.050	0.050	0.050	0.050	
	Driving mechanism		Direct-driven by motor	Direct-driven by motor	Direct-driven by motor	Direct-driven by motor	
	Air flow rate		(Low-Mid2-Mid1-High)	(Low-Mid2-Mid1-High)	(Low-Mid2-Mid1-High)	(Low-Mid2-Mid1-High)	
			m ³ /min	4.8 - 6.5 - 7.8 - 8.6	4.8 - 6.7 - 8.6 - 10.0	4.9 - 7.4 - 8.3 - 10.0	7.4 - 8.9 - 10.0 - 11.0
L/s			80 - 108 - 130 - 143	80 - 112 - 143 - 167	82 - 123 - 138 - 167	123 - 148 - 167 - 183	
cfm			169 - 230 - 275 - 304	169 - 237 - 304 - 353	173 - 261 - 293 - 353	261 - 314 - 353 - 388	
Sound pressure level (measured in anechoic room)		(Low-Mid2-Mid1-High)	(Low-Mid2-Mid1-High)	(Low-Mid2-Mid1-High)	(Low-Mid2-Mid1-High)		
		dB <A>	21.5-25.0-28.0-30.0	21.5-25.5-30.0-35.0	23.5-28.5-31.5-36.0	28.5-33.0-36.0-39.5	
Insulation material			Polystyrene foam, Polyethylene foam, Urethane foam	Polystyrene foam, Polyethylene foam, Urethane foam	Polystyrene foam, Polyethylene foam, Urethane foam	Polystyrene foam, Polyethylene foam, Urethane foam	
Air filter			PP honeycomb fabric (long life filter).	PP honeycomb fabric (long life filter).	PP honeycomb fabric (long life filter).	PP honeycomb fabric (long life filter).	
Protection device			Fuse	Fuse	Fuse	Fuse	
Refrigerant control device			LEV	LEV	LEV	LEV	
Connectable outdoor unit *3			R410A CITY MULTI	R410A CITY MULTI	R410A CITY MULTI	R410A CITY MULTI	
Refrigerant piping diameter	Liquid (R410A)	mm (in.)	6.35 (1/4)Brazed	6.35 (1/4)Brazed	6.35 (1/4)Brazed	6.35 (1/4)Brazed	
	Gas (R410A)	mm (in.)	12.7 (1/2)Brazed	12.7 (1/2)Brazed	12.7 (1/2)Brazed	12.7 (1/2)Brazed	
Field drain pipe size			mm (in.)	O.D.32 (1-1/4)	O.D.32 (1-1/4)	O.D.32 (1-1/4)	
Drawing	External		KB94C5X4	KB94C5X4	KB94C5X4	KB94C5X4	
	Wiring		KB94C5WX	KB94C5WX	KB94C5WX	KB94C5WX	
	Refrigerant cycle		-	-	-	-	
Standard attachment	Document		Installation Manual, Instruction Book	Installation Manual, Instruction Book	Installation Manual, Instruction Book	Installation Manual, Instruction Book	
	Accessory		Washer, Drain socket, Tie band	Washer, Drain socket, Tie band	Washer, Drain socket, Tie band	Washer, Drain socket, Tie band	
Optional parts	Decoration panel		CMP-40LWH-E	CMP-40LWH-E	CMP-40LWH-E	CMP-40LWH-E	
	3D i-see Sensor panel		CMP-40LWE-E	CMP-40LWE-E	CMP-40LWE-E	CMP-40LWE-E	
	OA duct flange		PAC-KG11OF	PAC-KG11OF	PAC-KG11OF	PAC-KG11OF	
Remarks			* This unit should be used together with the decoration panel or 3D i-see Sensor panel. * Details on foundation work, duct work, insulation work, electrical wiring, power source switch, and other items shall be referred to the Installation Manual. * Due to continuing improvement, above specifications may be subject to change without notice.				

Notes:	Unit converter
1.Nominal cooling conditions Indoor: 27°C.D.B./19°C.W.B. (81°F.D.B./66°F.W.B.), Outdoor: 35°C.D.B. (95°F.D.B.) Pipe length: 7.5 m (24-9/16 ft.), Level difference: 0 m (0 ft.)	BTU/h =kW x 3,412
2.Nominal heating conditions Indoor: 20°C.D.B. (68°F.D.B.), Outdoor: 7°C.D.B./6°C.W.B. (45°F.D.B./43°F.W.B.) Pipe length: 7.5 m (24-9/16 ft.), Level difference: 0 m (0 ft.)	cfm =m ³ /min x 35.31
3.For more detailed information, contact your local distributor.	lbs =kg/0.4536
	*Above specification data is subject to rounding variation.

1. SPECIFICATIONS

Ceiling cassette (2-way flow type)

Model			PLFY-P50VMMD-E	PLFY-P63VMMD-E	PLFY-P80VMMD-E	PLFY-P100VMMD-E	
Power source			1-phase 220-230-240 V 50/60 Hz	1-phase 220-230-240 V 50/60 Hz	1-phase 220-230-240 V 50/60 Hz	1-phase 220-230-240 V 50/60 Hz	
Cooling capacity (Nominal)	*1	kW	5.6	7.1	9.0	11.2	
		BTU/h	19,100	24,200	30,700	38,200	
		Power input	kW	0.032	0.056	0.064	0.096
		Current input	A	0.32-0.31-0.29	0.49-0.48-0.47	0.52-0.50-0.49	0.73-0.70-0.69
Heating capacity (Nominal)	*2	kW	6.3	8.0	10.0	12.5	
		BTU/h	21,500	27,300	34,100	42,700	
		Power input	kW	0.029	0.053	0.061	0.093
		Current input	A	0.28-0.27-0.26	0.45-0.44-0.43	0.48-0.46-0.45	0.69-0.67-0.65
External finish			Galvanized steel plate	Galvanized steel plate	Galvanized steel plate	Galvanized steel plate	
External dimension H x W x D		mm	290 x 940 x 650	290 x 940 x 650	290 x 1,440 x 650	290 x 1,440 x 650	
		in.	11-7/16 x 37-1/16 x 25-5/8	11-7/16 x 37-1/16 x 25-5/8	11-7/16 x 56-3/4 x 25-5/8	11-7/16 x 56-3/4 x 25-5/8	
Net weight		kg (lbs)	24 (53)	26 (58)	39 (86)	42 (93)	
Decoration panel	Model		CMP-63LWH-E	CMP-63LWH-E	CMP-125LWH-E	CMP-125LWH-E	
	External finish		MUNSELL (1.0Y 9.2/0.2)	MUNSELL (1.0Y 9.2/0.2)	MUNSELL (1.0Y 9.2/0.2)	MUNSELL (1.0Y 9.2/0.2)	
	Dimension H x W x D	mm	20 x 1,250 x 710	20 x 1,250 x 710	20 x 1,750 x 710	20 x 1,750 x 710	
		in.	13/16 x 49-1/4 x 28	13/16 x 49-1/4 x 28	13/16 x 68-15/16 x 28	13/16 x 68-15/16 x 28	
	Net weight		kg (lbs)	8 (18)	8 (18)	11.5 (26)	11.5 (26)
Heat exchanger			Cross fin (Aluminum fin and copper tube)	Cross fin (Aluminum fin and copper tube)	Cross fin (Aluminum fin and copper tube)	Cross fin (Aluminum fin and copper tube)	
FAN	Type x Quantity		Turbo fan x 1	Turbo fan x 1	Turbo fan x 2	Turbo fan x 2	
	External static press.	Pa	0	0	0	0	
		mmH ₂ O	0.0	0.0	0.0	0.0	
	Motor Type		DC motor	DC motor	DC motor	DC motor	
	Motor output		kW	0.050	0.050	0.050×2	0.050×2
	Driving mechanism		Direct-driven by motor	Direct-driven by motor	Direct-driven by motor	Direct-driven by motor	
	Air flow rate	(Low-Mid2-Mid1-High)		(Low-Mid2-Mid1-High)	(Low-Mid2-Mid1-High)	(Low-Mid2-Mid1-High)	(Low-Mid2-Mid1-High)
		m ³ /min	9.0 - 10.0 - 11.5 - 13.0	9.0 - 11.0 - 13.0 - 15.5	14.7 - 17.5 - 20.4 - 22.2	16.0 - 19.0 - 21.0 - 24.5	
		L/s	150 - 167 - 192 - 217	150 - 183 - 217 - 258	245 - 292 - 340 - 370	267 - 317 - 350 - 408	
cfm		318 - 353 - 406 - 459	318 - 388 - 459 - 547	519 - 618 - 720 - 784	565 - 671 - 742 - 865		
Sound pressure level (measured in anechoic room)		(Low-Mid2-Mid1-High)		(Low-Mid2-Mid1-High)	(Low-Mid2-Mid1-High)	(Low-Mid2-Mid1-High)	
		dB <A>	31.0-33.5-37.0-39.5	31.0-35.5-40.0-44.5	32.0-36.5-40.5-43.0	36.0-39.5-43.0-46.5	
Insulation material			Polystyrene foam, Polyethylene foam, Urethane foam	Polystyrene foam, Polyethylene foam, Urethane foam	Polystyrene foam, Polyethylene foam, Urethane foam	Polystyrene foam, Polyethylene foam, Urethane foam	
Air filter			PP honeycomb fabric (long life filter).	PP honeycomb fabric (long life filter).	PP honeycomb fabric (long life filter).	PP honeycomb fabric (long life filter).	
Protection device			Fuse	Fuse	Fuse	Fuse	
Refrigerant control device			LEV	LEV	LEV	LEV	
Connectable outdoor unit			*3 R410A CITY MULTI	R410A CITY MULTI	R410A CITY MULTI	R410A CITY MULTI	
Refrigerant piping diameter	Liquid (R410A)	mm (in.)	6.35 (1/4)Braze	9.52 (3/8)Braze	9.52 (3/8)Braze	9.52 (3/8)Braze	
	Gas (R410A)	mm (in.)	12.7 (1/2)Braze	15.88 (5/8)Braze	15.88 (5/8)Braze	15.88 (5/8)Braze	
Field drain pipe size		mm (in.)	O.D.32 (1-1/4)	O.D.32 (1-1/4)	O.D.32 (1-1/4)	O.D.32 (1-1/4)	
Drawing	External		KB94C5X4	KB94C5X4	KB94C5X4	KB94C5X4	
	Wiring		KB94C5WX	KB94C5WX	KB94C5WX	KB94C5WX	
	Refrigerant cycle		-	-	-	-	
Standard attachment	Document		Installation Manual, Instruction Book	Installation Manual, Instruction Book	Installation Manual, Instruction Book	Installation Manual, Instruction Book	
	Accessory		Washer, Drain socket, Tie band	Washer, Drain socket, Tie band	Washer, Drain socket, Tie band	Washer, Drain socket, Tie band	
Optional parts	Decoration panel		CMP-63LWH-E	CMP-63LWH-E	CMP-125LWH-E	CMP-125LWH-E	
	3D i-see Sensor panel		CMP-63LWE-E	CMP-63LWE-E	CMP-125LWE-E	CMP-125LWE-E	
	OA duct flange		PAC-KG11OF	PAC-KG11OF	PAC-KG11OF	PAC-KG11OF	
Remarks			* This unit should be used together with the decoration panel or 3D i-see Sensor panel. * Details on foundation work, duct work, insulation work, electrical wiring, power source switch, and other items shall be referred to the Installation Manual. * Due to continuing improvement, above specifications may be subject to change without notice.				

Notes:		Unit converter
1.Nominal cooling conditions		BTU/h =kW x 3,412
Indoor: 27°C.D.B./19°C.W.B. (81°F.D.B./66°F.W.B.), Outdoor: 35°C.D.B. (95°F.D.B.)		cfm =m ³ /min x 35.31
Pipe length: 7.5 m (24-9/16 ft.), Level difference: 0 m (0 ft.)		lbs =kg/0.4536
2.Nominal heating conditions		
Indoor: 20°C.D.B. (68°F.D.B.), Outdoor: 7°C.D.B./6°C.W.B. (45°F.D.B./43°F.W.B.)		
Pipe length: 7.5 m (24-9/16 ft.), Level difference: 0 m (0 ft.)		
3.For more detailed information, contact your local distributor.		
		*Above specification data is subject to rounding variation.

1. SPECIFICATIONS

Ceiling cassette (2-way flow type)

PLFY-P-VMMD-E

Model			PLFY-P125VMMD-E				
Power source			1-phase 220-230-240 V 50/60 Hz				
Cooling capacity (Nominal)	*1	kW	14.0				
	*1	BTU/h	47,800				
	Power input		kW	0.196			
	Current input		A	1.37-1.33-1.28			
Heating capacity (Nominal)	*2	kW	16.0				
	*2	BTU/h	54,600				
	Power input		kW	0.195			
	Current input		A	1.33-1.28-1.24			
External finish			Galvanized steel plate				
External dimension H x W x D		mm	331 x 1,440 x 650				
		in.	13-1/16 x 56-3/4 x 25-5/8				
Net weight		kg (lbs)	47 (104)				
Decoration panel	Model		CMP-125LWH-E				
	External finish		MUNSELL (1.0Y 9.2/0.2)				
	Dimension H x W x D	mm	20 x 1,750 x 710				
		in.	13/16 x 68-15/16 x 28				
	Net weight		kg (lbs)	11.5 (26)			
Heat exchanger			Cross fin (Aluminum fin and copper tube)				
FAN	Type x Quantity		Turbo fan x 2				
	External static press.	Pa	0				
		mmH ₂ O	0.0				
	Motor Type		DC motor				
	Motor output		kW	0.120×2			
	Driving mechanism		Direct-driven by motor				
	Air flow rate		(Low-Mid2-Mid1-High)				
			m ³ /min	22.8 - 25.3 - 28.2 - 31.5			
			L/s	380 - 422 - 470 - 525			
cfm			805 - 893 - 996 - 1,112				
Sound pressure level (measured in anechoic room)		(Low-Mid2-Mid1-High)					
		dB <A>	45.5-48.5-51.5-55.0				
Insulation material			Polystyrene foam, Polyethylene foam, Urethane foam				
Air filter			PP honeycomb fabric (long life filter).				
Protection device			Fuse				
Refrigerant control device			LEV				
Connectable outdoor unit			*3 R410A CITY MULTI				
Refrigerant piping diameter	Liquid (R410A)	mm (in.)	9.52 (3/8)Braze				
	Gas (R410A)	mm (in.)	15.88 (5/8)Braze				
Field drain pipe size		mm (in.)	O.D.32 (1-1/4)				
Drawing	External		KB94C8CQ				
	Wiring		KB94C5WX				
	Refrigerant cycle		-				
Standard attachment	Document		Installation Manual, Instruction Book				
	Accessory		Washer, Drain socket, Tie band				
Optional parts	Decoration panel		CMP-125LWH-E				
	3D i-see Sensor panel		CMP-125LWE-E				
	OA duct flange		PAC-KG11OF				
Remarks			* This unit should be used together with the decoration panel or 3D i-see Sensor panel. * Details on foundation work, duct work, insulation work, electrical wiring, power source switch, and other items shall be referred to the Installation Manual. * Due to continuing improvement, above specifications may be subject to change without notice.				

Notes:		Unit converter
1.Nominal cooling conditions		BTU/h =kW x 3,412
Indoor: 27°CDB./19°CWB. (81°FDB./66°FWB.), Outdoor: 35°CDB. (95°FDB.)		cfm =m ³ /min x 35.31
Pipe length: 7.5 m (24-9/16 ft.), Level difference: 0 m (0 ft.)		lbs =kg/0.4536
2.Nominal heating conditions		
Indoor: 20°CDB. (68°FDB.), Outdoor: 7°CDB./6°CWB. (45°FDB./43°FWB.)		
Pipe length: 7.5 m (24-9/16 ft.), Level difference: 0 m (0 ft.)		
3.For more detailed information, contact your local distributor.		
		*Above specification data is subject to rounding variation.