

No. OC213

TECHNICAL & SERVICE MANUAL



Indoor unit [Model names]

PLFY-P80VAM

PLFY-P100VAM

PLFY-P125VAM

[Service Ref.] PLFY-P80VAM.UK PLFY-P100VAM.UK PLFY-P125VAM.UK



INDOOR UNIT

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SAFETY PRECAUTION

Cautions for devices that use R407C refrigerant.

• Do not use the existing refrigerant piping.

-The old refrigerant and lubricating oil in the existing piping contains a large amount of chlorine which may cause the lubricating oil of the new unit to deteriorate.

· Use "low residual oil piping".

-If there is a large amount of residual oil (hydraulic oil, etc.) inside the piping and joints, deterioration of the lubricating oil will result.

- Store the piping to be used during installation indoors and keep both ends of the piping sealed until just before brazing. (Store elbows and other joints in a plastic bag.)
 If dust, dirt, or water enters the refrigerant cycle, deterioration of the oil and compressor trouble may result.
- Use Suniso 4GS or 3GS (small amount) as the lubricating oil to coat flares and flange connection parts.
 The lubricating oil used with the air conditioner is highly hygroscopic. If it is used, water may be mixed in and deterioration of the lubricating oil may result.
- Use liquid refrigerant to charge the system.
 If gas refrigerant is used to charge the system, the composition of the refrigerant in the cylinder will change and performance may drop.
- Do not use a refrigerant other than R407C. -If another refrigerant (R22, etc.) is used, the chlorine in the refrigerant may cause the lubricating oil to deteriorate.
- Use a vacuum pump with a reverse flow check valve. -The vacuum pump oil may flow back into the refrigerant cycle and cause the lubricating oil to deteriorate.

[1] Service tools

Use the below service tools as exclusive tools for R407C refrigerant.

No.	Tool name	Specifications
1	Gauge manifold	•Only for R407C.
		 Use the existing fitting SPECIFICATIONS. (UNF7/16)
		·Use high-tension side pressure of 35kgf/cm ² or over.
2	Charge hose	-Only for R407C.
		·Use pressure performance of 52kgf/cm ² or over.
3	Electronic scale	
4	Gas leak detector	Use the detector for R134a or R407C.
5	Adapter for reverse flow check.	·Attach on vacuum pump.
6	Refrigerant charge base.	
\bigcirc	Refrigerant cylinder.	 For R407C .Top of cylinder (Brown)
		·Cylinder with syphon
8	Refrigerant recovery equipment.	

[2] Notice on repair service

After recovering all the refrigerant in the unit, work may be started.

•Do not release the refrigerant in the air.

•After completing the repair service, recharge the system with the specified amount of the liquid refrigerant.

[3] Refrigerant recharging

- (1) Refrigerant recharging process
 - Direct charging from the cylinder.

•Confirm that the cylinder is suitable for syphoning.

•Raise the cylinder and recharge the unit by syphoning liquid refrigerant.



(2) Recharge when refrigerant leakage has occurred.

After recovering all the refrigerant in the unit, work may be started.

•Do not release the refrigerant in the air.

•After completing the repair service, recharge the system with the specified amount of the liquid refrigerant.

PART NAMES AND FUNCTIONS

Indoor (Main) Unit

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Remote controller

[PAR-F25MA]

• Once the controls are set, the same operation mode can be repeated by simply pressing the ON/OFF button.

• Operation buttons



Display



Caution

- Only the POWER display lights when the unit is stopped and power supplied to the unit.
- When the central control remote control unit, which is sold separately, is used the ON/OFF button, OPERATION SWITCH button and F TEMPERATURE ADJUSTMENT button do not operate.
- "NOT AVAILABLE" is displayed when the AIR SPEED button are pressed. This indicates that this room unit is not equipped with the fan direction adjustment function and the louver function.
- When power is turned ON for the first time, it is normal that "H0" is displayed on the room temperature indication (For max. 2minutes). Please wait until this "H0" indication disappear then start the operation.

3-1. Specification

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ltem			PLFY-P80VAM.UK	PLFY-P100VAM.UK	PLFY-P125VAM.UK			
Power V•Hz		V•Hz	Single phase 220V-240V 50 Hz					
			kcal/h	8,000 10,000		12,500		
Co	oling ca	apacity	BTU/h	31,800	31,800 39,600			
			kW	9.3	9.3 11.6			
			kcal/h	9,000	9,000 11,200			
He	ating ca	apacity	BTU/h	35,800	44,500	55,600		
			kW	10.5	13.0	16.3		
ti	Power supply	Cooling	kW	0.18	0.30	0.34		
Electric characteristic	input	Heating	kW	0.18	0.30	0.34		
arac	Rated	Cooling	А	0.86	1.43	1.64		
c ch	current	Heating	А	0.86	1.43	1.64		
ectri	Power	Cooling	%	95 - 87	95 - 87	94 - 86		
_		Heating	%	95 - 87	95 - 87	94 - 86		
(m	Exteri unsell s	or ymbol)		-Unit : Galvanized sheets with gray heat insulation · Grille : ABS resin Munsell<0.70Y 8.59/0.97				
		Height	mm	258<30> 298<30>				
	iensions Grille>	Width	mm	840<950>				
		Depth	mm	840<950>				
He	at exch	anger		Cross fin				
_	Fan	X No			Turbo fan X 1			
F a		ow #3	m³/min	22-20-18-16	28-26-23-20	30-28-25-22		
n	Exte static p	ernal ressure	Ра		0			
	Fan i out	motor tput	kW	0.070	0.1	20		
	Insula	tor			Polyethylene sheet			
Air filter				PP honey comb fabric (long life)				
	Pipe	Gas side	ømm	15.88(5/8")	19.05	5(3/4")		
dim	ensions	Liquid side	ømm	9.52(3/8")	9.52(52(3/8")		
	ain pip		ømm	0.0	0.32 (PVC pipe O.D.32 connectal	ble)		
	Noise l		dB	37-35-32-30	41-39-36-33 43-41-38-35			
Pr	oduct v <grill< td=""><td>weight e></td><td>kg</td><td>24<5></td><td colspan="2">30<5> 30<5></td></grill<>	weight e>	kg	24<5>	30<5> 30<5>			

Note 1. Rating conditions(JIS B 8615) Cooling : Indoor : D.B. 27°C W.B. 19.5°C outdoor : D.B. 35°C Heating : Indoor : D.B. 21°C outdoor : D.B. 7°C W.B. 6°C

Note 2. The number indicated in < > is just for the grille.

Note 3. Air flow and the noise level are indicated as High-Middium 1-Middium 2-Low.

3-2. Electrical parts specifications

Model	Symbol	PLFY-P80VAM.UK	PLFY-P100VAM.UK	PLFY-P125VAM.UK	
Parts name	Symbol	PLF 1-POUVAIVI.UK	PLF 1-P 100VAIM.UK	PLF I-P 125 VAWI.UK	
Room temperature thermistor	TH21	Resistance 0°C/15kΩ, 10°C	C/9.6kΩ, 20℃/6.3kΩ, 25℃/5.4k	Ω, 30°C/4.3kΩ, 40°C/3.0kΩ	
Liquid pipe thermistor	TH22	Resistance 0°C/15kΩ, 10°C	C/9.6kΩ, 20°C/6.3kΩ, 25°C/5.4k	Ω, 30°C/4.3kΩ, 40°C/3.0kΩ	
Gas pipe thermistor	TH23	Resistance 0°C/15kΩ, 10°C	C/9.6kΩ, 20℃/6.3kΩ, 25℃/5.4k	Ω, 30°C/4.3kΩ, 40°C/3.0kΩ	
Fuse (Indoor controller board)	FUSE		250V 6.3A		
Fan motor (with inner-thermostat)	MF	6-pole OUTPUT 70W D17B6P70MS			
Inner-thermostat (Fan motor)		OFF 130°C ± 5°C ON 90°C ± 20°C			
Fan motor capacitor	C1	3.5µF 440V	7.0µF	440V	
Vane motor	MV		MSBPC20M04 DC12V 300Ω/phase		
Drain-up mechanism	DP		PLD-12230ME-1 INPUT 12/10.8W 24 ℓ /Hr		
Drain sensor	DS	Thermistor resistance 0°C/6kΩ,	10°C/3.9kΩ, 20°C/2.6kΩ, 25°C/2	2.2kΩ, 30℃/1.8kΩ, 40℃/1.3kΩ	
Linear expansion valve	LEV	DC12V Stepping motor drive / Port dimension ϕ 5.2 (0~2000pulse) EDM-804ME			
Electric heater (Condensation proof)	H2	240V 21.8W			
Power supply terminal block	TB2	(L, N, ⊕) 330V 30A			
Transmission terminal block	TB5	(M1, M2, S) 250V 30A			

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4-WAY AIR FLOW SYSTEM

4-1. Placement of the air outlets

For this grille, the discharge direction comes in 11 patterns. Also, by setting the dip switches (SWA and SWB) on the indoor board to the appropriate settings, you can adjust the air flow and speed. Select the settings from the Table below according to the location in which you want to install the unit.

1) Decide on the pattern of the airflow direction.



Note : For 3 and 2-directional, please use the air outlet shutter plate (option). According to the number of air outlets and height of the ceiling to install the unit, be sure to set the switches (SWA, SWB) on the indoor board to the appropriate setting. Correspondence of ceiling heights to numbers of air outlets.



PLFY-P80VAM.UK

SWA	0	2	3
SWB	Standard	High ceiling ①	High ceiling 2
4 direction	2.7m	3.0m	3.5m
3 direction	3.0m	3.3m	3.5m
2 direction	3.3m	3.5m	—

PLFY-P100VAM.UK PLFY-P125VAM LIK

SWA	0	2	3		
SWB	Standard	High ceiling ①	High ceiling 2		
4 direction	3.2m	3.6m	4.2m		
3 direction	3.6m	4.0m	4.2m		
2 direction	4.0m	4.2m	_		

4-2. Fresh air intake (Location for installation)

At the time of installation, use the duct holes (cutout) located at the positions shown in following diagram, as and when required.

Note :

Be sure to add 135mm to the dimensions in the diagram that are marked with a "*" if installing a multi function casement (Option)





4-3. Interlocking operation method with duct fan (Booster fan)

Whenever the indoor unit is operating, the duct fun also operates.

- (1)Connect the optional multiple remote controller adapter(PAC-SA88HA-E)to the connector CN51 on the indoor controller board.
- (2)Drive the relay after connecting the 12V DC relay between the Yellow and Orange connector lines.
- (*)Use a relay under 1W.
- MB: Electromagnetic switch power relay for duct fan.
 - X: Auxiliary relay (12V DC LY-1F)



4-4. Fixing of horizontal vane

The horizontal vane of each air outlet can be fixed according to the environment, in which it is installed.

Setting procedure

- 1) Turn off the main power supply (Turn off the breaker).
- 2) Disconnect the vane motor connector of the direction of the arrow by pressing the unlocking button as shown in the figure below.

Electrically insulate the disconnected connector with vinyl tape.



Horizontal vane

3)The vane angle can be fixed by turning the vane by hand. The vane should remain within the angles shown in the table below.



<Set range>

Standard of horizontal position	Level 30° (Min.)	Downward 45°	Downward 55°	Downward 70° (Max.)
Dimension A (mm)	26	29	33	37

* Dimension between 26mm and 37mm can be arbitrarily set.

Caution	Do not set the dimension out of the range.
	It could cause dew drips and stains on the ceiling, etc. and the unit may be damaged.

4-5. Fresh air intake amount & static pressure characteristics

(1) PLFY-P80VAM.UK

Multifunction casement + Standard filter



Taking air into the unit





(2) PLFY-P100VAM.UK PLFY-P125VAM.UK

Multifunction casement + Standard filter



Taking air into the unit



Multifunction casement + High efficiency filter



How to read curves





Q…Planned amount of fresh air intake <m³/min>

- A···Static pressure loss of fresh air intake duct system with air flow amount Q
- B···Forced static pressure at air conditioner inlet with air flow amount Q <Pa>
- C···Static pressure of booster fan with air flow amount Q <Pa>
- D···Static pressure loss increase amount of fresh air intake dust system for air flow amount Q <Pa>
- E···Static pressure of indoor unit with air flow amount Q <Pa>
- Qa…Estimated amount of fresh air intake with out D <m³/min>

Multifunction casement + High efficiency filter

Static pressure [Pa]



PLFY-P80VAM.UK PLFY-P100VAM.UK PLFY-P125VAM.UK

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Detail drawing of fresh air intake



/High efficiency filter & Fresh air intake casement (option)







Models ①		2	Α	В	С
PLFY-P80VAM.UK	Refrigerant pipe (9.52mm dia.) flared connection 3/8F	Refrigerant pipe (15.88mm dia.) flared connection 5/8F	241	258	80
PLFY-P100VAM.UK PLFY-P125VAM.UK	Refrigerant pipe (9.52mm dia.) flared connection 3/8F	Refrigerant pipe (19.05mm dia.) flared connection 3/4F	281	298	84

Unit : mm

PLFY-P80VAM.UK PLFY-P100VAM.UK PLFY-P125VAM.UK

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NOTE

- 1.At servicing for outdoor unit, always follow the wiring diagram of outdoor unit.
- 2.Symbol(S) of TB5 is the shield wire connection.
- 3.Symbols used in wiring diagram above are,⊚:Terminal block, □□□□:Connector.
- 4. The setting of the SW2 dip switches differs in the capacity for the detail, see the fig. *1.
- Please set the switch SW5 according to the power supply voltage. Set SW5 to 240V side when the power supply is 230 and 240 volts.
- When the power supply is 220 volts, set SW5 to 220V side.

PLFY-P80VAM.UK PLFY-P100VAM.UK PLFY-P125VAM.UK

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Refrigeration pipe size (Flare connection size)

Service Ref.	PLFY-P80VAM.UK	PLFY-P100VAM.UK PLFY-P125VAM.UK
Gas pipe	φ15.88<5/8F>	∮19.05<3/4F>
Liquid pipe	Ø9.52<3/8F>	Ø9.52<3/8F>

8-1. How to check the parts PLFY-P•VAM.UK

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Parts name	Check points					
Room temperature thermistor (TH21) Liquid pipe thermistor	Disconnect the connector then measure the resistance using a tester. (Surrounding temperature $10^{\circ}C \sim 30^{\circ}C$)					
(TH22)	Normal	Abnormal (Defende the the		h a th a was into)	
Gas pipe thermistor (TH23)	4.3kΩ~9.6kΩ	Open or short		he thermisto))	
(1123)						
Vane motor	Measure the resistant (Surrounding temperation)	ce between the termin ature 20°C)	als using a teste	r.		
White ④	Connector	Normal	Abnorma	I		
Orange 2	Red — Yellow					
	Red — Blue	300Ω	Open or she	ort		
5 3	Red — Orange	30052	Open of sh			
Blue Yellow	Red — White					
Fan motor	Measure the resistan (Surrounding tempera	ce between the termin ature 20°C)	als using a teste	r.		
Relay connector	Motor terminal	Normal				
	or Delev connector	PLF	/-P·VAM	Abnormal		Abnormal
2 White 2	Relay connector	P80	P100, P	125		
	Red-Black	87.2Ω	28.70	2	QD	en or short
Protector	White-Black	104.1Ω	41.60	2		
Linear expansion valve		ector then measure the e for detail. (Surround		•	ster.	
M 6 Brown		Normal		Abnorr	nal	1
	(1)-(5) (2)-(6) (3)-(5)	(4)-(6)			-
<u>2 Yellow</u> 53 ™∳™∿		v-Brown Orange-Red		Open or	short	
White Red Orange		150kΩ				
Drain pump						
Yellow 1	Normal	Abnormal				
Yellow 2	290Ω	Open or short				
Drain sensor		ce between the termin ce after 3 minutes hav ature 0℃~60℃)			wer supp	bly was intercepted
	Normal	Abnormal				
	0.6kΩ~6.0kΩ	Open or short	(Refer to t	the thermist	or)	
			`			



Linear expansion valve

① Operation summary of the linear expansion valve.

• Linear expansion valve open/close through stepping motor after receiving the pulse signal from the indoor controller board.

• Valve position can be changed in proportion to the number of pulse signal.

<Connection between the indoor controller board and the linear expansion valve>



Note : Since the number of the connector at the controller board side and the relay connector are different, follow the color of the lead wire.

<Output pulse signal and the valve operation>

Output	Output					
(Phase)	1	2	3	4		
ø1	ON	OFF	OFF	ON		
ø2	ON	ON	OFF	OFF		
ø3	OFF	ON	ON	OFF		
<i>ø</i> 4	OFF	OFF	ON	ON		

Linear expansion valve operation



Closing a valve : $1 \rightarrow 2 \rightarrow 3 \rightarrow 4 \rightarrow 1$ Opening a valve : $4 \rightarrow 3 \rightarrow 2 \rightarrow 1 \rightarrow 4$

The output pulse shifts in above order.

- # 1. When linear expansion valve operation stops, all output phase become OFF.
 - 2. At phase interruption or when phase does not shift in order, motor does not rotate smoothly and motor will lock and vibrate.
 - When the switch is turned on, 2200 pulse opening valve signal will be send till it goes to @ point in order to define the valve position.

When the valve moves smoothly, there is no noise or vibration occurring from the linear expansion valve : however, when the pulse number moves from $\textcircled{}{}_{\bigcirc}$ to $\textcircled{}_{\bigcirc}$ or when the valve is locked, more noise can be heard than the normal situation.

Noise can be detected by placing the ear against a screw driver handle while touching the screw driver point / tip to the linear expansion valve.

Countermeasures

Exchange the indoor controller board at drive circuit

Extra tightning (80)~100pulse)	
③ Trouble shooting		
	Symptom	Check points
ur	peration circuit fail- e of the micro ocessor.	Disconnect the connector on the controller board, then connect LED for checking. 0 6 0 5 0 5 0 3 $1 k\Omega$ LED A pulse signal will be sent out for 10 seconds as soon as the main switch is turned on. If there are LEDS with lights on or lights off, it means the operation circuit is abnormal.
Lir	near expansion	Motor will idle and make ticking noise when motor is operate

processor.	$\begin{array}{c} & & & \oplus & 6 \\ \hline & & & & & \oplus & 6 \\ \hline & & & & & & \oplus & 0 \\ \hline & & & & & & & \oplus & 0 \\ \hline & & & & & & & & \oplus & 0 \\ \hline & & & & & & & & & \oplus & 1 \\ \hline & & & & & & & & & \oplus & 1 \\ \hline & & & & & & & & & & \oplus & 1 \\ \hline & & & & & & & & & & \oplus & 1 \\ \hline & & & & & & & & & & \oplus & 1 \\ \hline & & & & & & & & & & & \oplus & 1 \\ \hline & & & & & & & & & & & \oplus & 1 \\ \hline & & & & & & & & & & & & \oplus & 1 \\ \hline & & & & & & & & & & & & \oplus & 1 \\ \hline & & & & & & & & & & & & & & & & & &$	failure.
	A pulse signal will be sent out for 10 seconds as soon as the main switch is turned on. If there are LEDS with lights on or lights off, it means the operation circuit is abnormal.	
Linear expansion valve mechanism is locked.	Motor will idle and make ticking noise when motor is operated while the linear expansion valve is locked. This ticking sound is the sign of the abnormality.	
Short or breakage of the motor coil of the linear expansion valve.	Measure the resistance between the each coil (red-white, red-orange, brown-yellow, brown-blue) using a tester. It is normal if the resistance is in the range of 150 \pm 10%.	Exchange the linear expansion valve.
Valve doesn't close completely (thermis- tor leaking).	To check the linear expansion valve, operate the indoor unit in fan mode and at the same time operate other indoor units in cooling mode, then check the pipe temperature <liquid pipe temperature> of the indoor unit by the outdoor multi controller board opera- tion monitor. During fan operation, linear expansion valve is closed completely and if there are some leaking, detecting tem- perature of the thermistor will go lower. If the detected temperature is much lower than the temperature is much lower than the temperature is nuch lower than the temperature is nuch lower than the temperature is nuch lower than the temperature is nuch lower t</liquid 	If large amount of thermis- tor is leaked, exchange the linear expansion valve.
Wrong connection of the connector or contact failure.	Check the color of lead wire and missing terminal of the con- nector.	Disconnect the connector at the controller board, then check the continuity.

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8-2. FUNCTION OF DIP SWITCH

Switch	Dele	Function	Operatior	n by switch	Remarks		
Switch	Fule	FUNCTION	ON	OFF	Remarks		
	1	Thermistor <intake detection="" temperature=""> position</intake>	Built-in remote controller	Indoor unit	Address board		
	2	Filter clogging detection	Provided	Not provided	<at delivery=""></at>		
	3	Filter cleaning	2,500hr	100hr			
	4	Fresh air intake	Effective	Not effective			
SW1 Mode	5	Remote indication switching	Thermostat ON signal indication	Fan output indication	Note :		
Selection	6	Humidifier control	Always operated while the heat in ON *1	Operated depends on the condition *2	*1 Fan operation at Heating mode.		
	7	Air flow set in case of	Low *3	Extra low *3	*2 Heater therm ON is operating.		
	8	Heat thermostat OFF	Setting air flow *3	Depends on SW1-7	*3 SW 1-7=OFF, SW 1-8=ON → Setting air flow.		
	9	Auto restart function	Effective	Not effective	SW 1-7=ON, SW 1-8=ON → Indoor fan stop.		
	10	Power ON/OFF	Effective	Not effective			
					Indoor controller board		
		MODELS	SW 2 MODELS	SW 2	Set while the unit is off.		
SW2		PLFY- ON	PLFY-		<at delivery=""></at>		
Capacity code	1~6		1 2 3 4 5 6 P125VAM.UK	1 2 3 4 5 6	Set for each capacity.		
setting		PLFY- ON DAGOVAN LIK OFF					
			1 2 3 4 5 6				
	1	Heat pump / Cooling only	Cooling only	Heat pump	Indoor controller board		
	2	Louver / humidifier *6	Available	Not available	Set while the unit is off. <at delivery=""></at>		
	3	Vane	Available	Not available			
	4	Vane swing function	Available	Not available	1 2 3 4 5 6 7 8 9 10 Note :		
SW3 Function	5	Vane horizontal angle	Second setting	First setting	*4 At cooling mode, each angle can be used only 1 hour.		
Selection	6	Vane cooling limit angle setting *4	Horizontal angle	Down A, B, C	*5 The numerical valve in		
	7	Indoor linear expansion valve opening	Effective	Not effective	the parentheses shows the case which the R22 outdoor unit is connected.		
	8	Heat 4degrees up	Not effective	Effective	*6 SW3-2 setting		
	9	Superheat setting temperature *5	9(5)degrees	6(2)degrees	Only for PLFY-P•VAM, SW is used to change whether the		
	10	Sub cool setting temperature	15degrees	10degrees	humidifier functions or not. (Fixed the louver function less.)		
SW4 Unit Selection	1~5	ON OFF 1 2	2 3 4 5		Indoor controller board Set while the unit is off. <at delivery=""> Setting in the left-shown.</at>		



DISASSEMBLY PROCEDURE

PLFY-P80VAM.UK

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Be careful on removing heavy parts.

OPERATING PROCEDURE	PHOTOS & ILLUSTRATIONS
 Removing the air intake grille Slide the knob of air intake grille toward the arrow ① to open the air intake grille. Remove drop prevention hook from the panel. Slide the shaft in the hinge to the direction of the arrow② and remove the air intake grille. 	Figure 1 Air intake grille Air intake grille knob
 2. Removing the fan guard (1) Open the air intake grille. (2) Remove the 3 screws of fan guard. 	Photo 1 Fan guard
 3. Removing the room temperature thermistor (1)Remove the fan guard.(See photo 1) (2) Remove the screw in the room temperature thermistor holder to remove the holder and the room temperature thermistor. (3) Remove the 1 screw from the bell mouth, and unscrew the other 2 screws (fix to the oval hole which has a different diameter) to remove the bell mouth. (4) Hold the holder claw, and remove the room temperature thermistor and holder. (5) Disconnect the connector (red) from the indoor control board. 	Photo 2 Bell mouth Screws Room temperature thermistor Air intake grille
 4. Removing the electrical box (1) Remove the fan guard.(See photo 1) (2) Disconnect the lead wire of the vane motor from the clamp, and disconnect the white connector (10P). (3) Remove the room temperature thermistor with the holder. (4) Remove the bell mouth.(See photo 2) (5) Disconnect the relay connector in the electrical box. Red (3P) for fan motor power supply White (2P) for pipe temperature detection / liquid thermistor Black (2P) for pipe temperature detection / gas thermistor Blue (2P) for drain pump White (3P) for drain sensor (6) Remove the 3 screws of the electrical box and loosen the other 2 screws to remove the box. <electrical box="" electrical="" in="" parts="" the=""></electrical> Indoor controller board power supply) Terminal block (Transmission) Capacitor Address board 	Photo 3

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10 PARTS LIST



Part numbers that is circled is not shown in the figure.

		Part No. Part Name		Q'ty/set		Diagram	Recom- mended	Price	
No.	Part No.		Specification	PLFY- P80 / P100 / P125	Remarks (Drawing No.)			Unit	Amount
				VAM.UK	(2.ag	Symbol	Q'ty	Unit	Amount
1	S70 E10 003	AIR OUTLET GRILLE		1					
2	S70 E00 002	VANE ASSY		4					
3	S70 E01 638	CORNER PANEL		1					
4	S70 E00 638	CORNER PANEL		3					
5	S70 E00 500	L.L. FILTER		1					
6	S70 E00 69 ⁻	GRILLE ASSY		1					
7	S70 E00 22:	VANE MOTOR		4		MV			
8	S70 E00 063	VANE BUSH		8					
9	S70 E00 040	GEAR (VANE)		4					
10	S70 E01 040	GEAR (MOTOR)		4					
11	S70 E01 67:	SCREW ASSY		1					
12		REMOTE CONTROLLER		1	<par-f25ma></par-f25ma>	R.B			



	Part No.			Part Name	Specification	Q'ty	y/set		Diagram		Pi	ice
No.) .			PLFY- ·	VAM.UK	Remarks (Drawing No.)			Unit	Amount
						P80	P100/P125				Unit	Amount
1	S70	003	687	BASE DWG		1	1					
2	S70	005	688	DRUM 1 ASSY		1						
2	S70	007	688	DRUM 1ASSY			1					
3	S70	006	688	DRUM 2 ASSY		1						
3	S70	800	688	DRUM 2 ASSY			1					
4	S70	E01	130	LEG		2	2					
5	S70	E02	130	LEG		1	1					
6	S70	E00	130	LEG		1	1					
7	S70	E06	762	FAN MOTOR		1			MF			
'	S70	E07	762	FAN MOTOR			1		MF			
8	S70	A41	105	MOTOR MOUNT		4	4					
9	S70	E00	659	INNER COVER ASSY		1						
9	S70	E02	659	INNER COVER ASSY			1					
10	S70	E00	114	TURBO FAN		1						
	S70	E01	114	TURBO FAN			1					
11	S70	08K	097	SPL WASHER		1	1					
12	S70	E15	480	HEAT EXCHANGER		1						
	S70	E17	480	HEAT EXCHANGER			1					
13	S70	17J	202	THERMISTOR (LIQUID)		1	1		TH22			
14	S70	79N	202	THERMISTOR (GAS)		1	1		TH23			
15	S70	E08	401	LINEAR EXPANSION VALVE		1	1		LEV			



	o. Part No.				Specification	Q	'ty/s	et		Wiring	Recom-	Pi	rice
No.) .	Part Name		PLFY- · VAM.UK			Remarks (Drawing No.)	Diagram	mended	11014	Amount
						P80 P100 P125		P125		Symbol	Q'ty	Unit	Amount
1	S70	E02	529	DRAIN PAN		1							
'	S70	E00	529	DRAIN PAN			1	1					
2	S70	A41	523	DRAIN SOCKET		1	1	1	<part assy="" drain="" of="" pan=""></part>				
3	S70	E01	355	DRAIN PUMP		1	1	1		DP			
4	S70	E00	266	DRAIN SENSOR		1	1	1		DS			
5	S70	31K	241	SENSOR HOLDER		1	1	1					
6	S70	E02	313	POWER BOARD		1	1	1		P.B			
7	S70	520	239	FUSE	250V 6.3A	1	1	1	<part of="" pcb=""></part>	FUSE			
	S70	E10	310	CONTROLLER BOARD		1				I.B			
8	S70	E11	310	CONTROLLER BOARD			1			I.B			
	S70	E12	310	CONTROLLER BOARD				1		I.B			
9	S70	003	503	BELL MOUTH (CONT. COVER ASSY)		1	1	1					
10	S70	E10	675	FAN GUARD		1	1	1					
11	S70	E00	202	THERMISTOR (ROOM)	1050XAP	1	1	1		TH21			
12	S70	E00	503	ELECTRICAL BOX (COVER)		1	1	1					
13	S70	521	716	TERMINAL BLOCK (POWER)	3P(L,N,⊕)	1	1	1		TB2			
14	S70	B02	716	TERMINAL BLOCK (TRANSMISSION)	3P(M1,M2,S)	1	1	1		TB5			
45	S70	17T	255	CAPACITOR	3.5 <i>µ</i> F 440V	1				С			
15	S70	E02	255	CAPACITOR	7.0µF 440V		1	1		С			
16	S70	001	663	CORNER COVER		1	1	1					
17	S70	A41	524	DRAIN PLUG		1	1	1					
18	S70	A48	524	DRAIN PLUG		1	1	1					
19	S70	B01	294	ADDRESS BOARD		1	1	1		A.B			
20	S70	E00	304	ADDRESS CABLE		1	1	1					

11 OPTIONAL PARTS

11-1. Multi function casement

Part No.	PAC-SG03TM-E

11-2. Air outlet shutter plate (20sets, 2pcs / 1set)

Part No.	PAC-SG06SP-E

11-3. High efficiency filter (PAC-SG03TM-E is required in using this optional part.)

Part No.	PAC-SG01KF

Mr.SUM™



HEAD OFFICE MITSUBISHI DENKI BLDG.MARUNOUCHI TOKYO100-8310 TELEX J24532 CABLE MELCO TOKYO

New publication, effective Aug. 2000 Specifications subject to change without notice