Changes for the Better



CE

No. OC260

TECHNICAL & SERVICE MANUAL

Series PLFY Ceiling Cassettes R407C / R22

Indoor unit [Model names]

PLFY-P80VAM-A

PLFY-P100VAM-A

PLFY-P125VAM-A

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



INDOOR UNIT

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Cautions for using with the outdoor unit which adopts R407C refrigerant.

- Do not use the existing refrigerant piping.

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

• Use "low residual oil piping".

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-If there is a large amount of residual oil (hydraulic oil, etc.) inside the piping and joints, deterioration of the lubricant 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 ESTR , ETHER or HAB as the lubricant to coat flares and flange connection parts.

Use liquid refrigerant to seal the system.

-If gas refrigerant is used to seal 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 lubricant to deteriorate.

$\cdot\,$ Use a vacuum pump with a reverse flow check valve.

-The vacuum pump oil may flow back into the refrigerant cycle and cause the lubricant 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 3.43MPa·G or over.
2	Charge hose	·Only for R407C.
		·Use pressure performance of 5.10MPa·G 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.	
7	Refrigerant cylinder.	·For R407C ·Top of cylinder (Brown)
		·Cylinder with syphon
8	Refrigerant recovery equipment.	

[2] Notice on repair service

After recovering the all refrigerant in the unit, proceed to working.
Do not release refrigerant in the air.
After completing the repair service, recharge the cycle with the specified amount of liquid refrigerant.

[3] Refrigerant recharging

(1) Refrigerant recharging process

①Direct charging from the cylinder.

•R407C cylinder are available on the market has a syphon pipe.

Leave the syphon pipe cylinder standing and recharge it.

(By liquid refrigerant)



(2) Recharge in refrigerant leakage case

•After recovering the all refrigerant in the unit, proceed to working.

•Do not release the refrigerant in the air.

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

PART NAMES AND FUNCTIONS

Indoor (Main) Unit

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Remote controller

[PAR-20MAA]

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

Operation buttons





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 TEMP. 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.

SPECIFICATION

3-1. Specification

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Item			PLFY-P80VAM-A.UK	PLFY-P100V	/AM-A.UK	PLFY-P125VAM-A.UK		
Power Ø,V,Hz			ø,V,Hz	Single phase , 220-230-240V , 50Hz				
Cod	Cooling capacity		kW	9.0	11.2	2	14.0	
Hea	ating ca	apacity	kW	10.0	12.	5	16.0	
ristic	land	Cooling	kW	0.18	0.30	0	0.34	
Electric characteristic	Input	Heating	kW	0.18	0.30	0	0.34	
ic cha	Current	Cooling	А	0.86	1.43	3	1.64	
Elect	Current	Heating	А	0.86	1.43	3	1.64	
Exterior (munsell symbol)			Unit : Galvanized sheets with gra	ay heat insulation Grille : ABS resin Munsell<0.70		sin Munsell<0.70Y 8.59/0.97>		
		Height	mm	258<30> 298<30>				
Dim	ensions	Width	mm	840<950>				
		Depth	mm	840<950>				
He	at exch	anger	_	Cross fin				
	Fan	X No		Turbo fan X 1				
F a	Air flo	w % 3	m³/min	22-20-18-16	-20-18-16 28-26-23-20		30-28-25-22	
n	Exte static p		Ра		0	ł		
		motor tput	kW	0.070	0.070 0.120			
	Insula	tor		Polyethylene sheet				
	Air filt	er			PP honey co	omb fabric		
	Pipe	Gas side	ømm(in.)	15.88(5/8")	15.88(5/8") 19.05(3/4")			
dim	ensions	Liquid side	ømm(in.)	9.52(3/8")	9.52(3/8") 9.52(3/8")			
Con	d. drain p	ipe size	ømm	0.U	D.32 (PVC pipe V	/P-25 connectab	le)	
No	oise lev	el *3	dB	37-35-32-30	41-39-3	36-33	43-41-38-35	
Pro	oduct v	veight	kg	24<5>	30<5	ō>	30<5>	

Note 1. Rating conditions(JIS B 8616) Cooling : Indoor : D.B. 27°C W.B. 19.0°C outdoor : D.B. 35°C Heating : Indoor : D.B. 20°C outdoor : D.B. 7°C W.B. 6°C

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

* 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-A.UK	PLFY-P100VAM-A.UK	PLFY-P125VAM-A.UK				
Parts name	-							
Room temperature thermistor	TH21	Resistance 0°C/15kΩ, 10°C/9.6kΩ, 20°C/6.3kΩ, 25°C/5.2kΩ, 30°C/4.3kΩ, 40°C/3.0kΩ						
Liquid pipe thermistor	TH22	Resistance 0°C/15kΩ, 10°C/9.6kΩ, 20°C/6.3kΩ, 25°C/5.2kΩ, 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℃/5.2k	Ω, 30°C/4.3kΩ, 40°C/3.0kΩ				
Fuse (Indoor controller board)	FUSE		250V 6.3A					
Fan motor	MF	6-pole OUTPUT 70W D17B6P70MS		FPUT 120W 120MS				
(with inner-thermostat)	MF	Inner-thermostat OFF $130^{\circ}C \pm 5^{\circ}C$ ON $90^{\circ}C \pm 20^{\circ}C$						
Fan motor capacitor	С	$3.5\mu\text{F} \times 440 \text{V} \qquad 7.0\mu\text{F} \times 440 \text{V}$						
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 5.2 EDM-804ME	2Ω (0~2000pulse)				
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 20A						
MA remote controller terminal block	TB15		(1, 2) 250V 10A					



4-WAY AIR FLOW SYSTEM

4-1. Placement of the air outlets

• For this grille, the blowout 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 Table according to the location in which you want to install the unit.

1) Decide on the pattern of the airflow direction.



Note1. For 3 and 2-directional, please use the air outlet shutter plate (option). 2) According to the number of air outlets and height of the ceiling to install the unit, be sure to set the up switches (SWA, SWB) on the indoor board to the appropriate setting.

Correspondence of ceiling heights to numbers of air outlets.



PLFY-P80VAM-A.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 2 direction	3.3m	3.5m	—

PLFY-P100 / P125VAM-A.UK

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 (Installation of site)

• 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 add135mm 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. Fresh air intake amount & static pressure characteristics

III PLFY-P80VAM-A.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>

PLFY-P100 / P125VAM-A.UK Multifunction casement + Standard filter



Taking air into the unit



Multifunction casement + High efficiency filter

Static pressure [Pa]



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

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Models	0	2	Α	В	С
	Refrigerant pipe	Refrigerant pipe			
PLFY-P80VAM-A.UK	(9.52mm dia.)	(15.88mm dia.)	044	258	00
PLFY-P80VAM-A.UK	flared connection	flared connection	241	258	80
	3/8F	5/8F			
	Refrigerant pipe	Refrigerant pipe			
PLFY-P100VAM-A.UK	(9.52mm dia.)	(19.05mm dia.)	281	298	84
PLFY-P125VAM-A.UK	flared connection	flared connection	201	290	04
	3/8F	3/4F			

Unit : mm

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

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NOTES:

1.At servicing for outdoor unit, always follow the wiring diagram of outdoor unit.

2.In case of using MA-Remote controller, please connect to TB15. (Remote controller wire is non-polar.)

3.In case of using M-NET, please connect to TB5. (Transmission line is non-polar.)

4.Symbol [S] of TB5 is the shield wire connection.

5.Symbols used in wiring diagram above are, O: terminal block, III: connecter.
6.The setting of the SW2 dip switches differs in the capacity. For the detail, refer to the table below.

7.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.

LED on indoor board for service

Mark	Meaning	Function
LED1	Main power supply	Main power supply (Indoor unit:220-240V) Power on → lamp is lit
LED2	Power supply for MA-Remote controller	Power supply for MA-Remote controller on → lamp is lit

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

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Service Ref.	PLFY-P80VAM-A.UK	PLFY-P100 / P125VAM-A.UK
Gas pipe	φ15.88(5/8'')	φ19.05(3/4'')
Liquid pipe	Ø9.52(3/8'')	Ø9.52(3/8'')

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8-1. How to check the parts PLFY-P80/P100/P125VAM-A.UK

Parts name			С	heck 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	Normal Abnormal (Defer to the position					- (- 1)
Gas pipe thermistor (TH23)	4.3kΩ~9.6kΩ	Open or short		(Refer to tr	he next page	e for a de	etall.)
Vane motor	Measure the resista (Surrounding tempe			ls using a tester	r.		
	Connector	Norr	nal	Abnormal			
	Red — Yellow	_					
Red ①	Red — Blue		Ω	Open or sho	ort		
5 3 Blue Yellow	Red — Orange	_		-			
	Red — White						
Fan motor	Measure the resista	nce betweer	the termina	ls using a tester	r.		
Relay connector	Motor terminal	Normal				_	
	or Relay connector	PLFY- • VAM-/				Abnormal	
White 2		P80		P100, P1			
Black 3	Red-Black White-Black	87.2Ω		28.7Ω 41.6Ω		Open or short	
Protector	White-Black 104.1Ω			41.052			
Linear expansion valve	Disconnect the conr (Refer to the next page			esistance valve	e using a tes	ter.	
M 6 Brown		Norma	al		Abnorm	nal	
2 Yellow		2)-(6)	(3)-(5)	(4)-(6)			
	White-Red Yello		Drange-Red	Blue-Brown	Open or s	short	
White Red Orange		150kΩ ±	10%				
Drain pump	Measure the resista (Surrounding tempe			ls using a tester	r.		
Yellow 1	Normal	Abı	normal				
Yellow 2	290Ω	290Ω Open or short					
Drain sensor	Measure the resista (Surrounding tempe			passed since th	he power su	pply was	s intercepted.
1 2	Normal	Abı	normal				
	0.6kΩ~6.0kΩ	Open	or short	(Refer to t	he next page	e for a d	etail.)



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 locks and vibrates.
 - When the switch is turned on, 2200 pulse closing valve signal will be send till it goes to @ point in order to define the valve position.

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

Noise can be detected by placing the ear against the screw driver handle while putting the screw driver to the linear expansion valve.

Symptom	Check points	Countermeasures
Operation circuit fail- ure of the micro processor.	Disconnect the connector on the controller board, then connect LED for checking. 0 6 0 5 0 3 0 2 $1 k\Omega$ LED	Exchange the indoor con- troller board at drive circuit failure.
	Pulse signal will be sent out for 10 seconds as soon as the main switch is turn on. If there is LED 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 $150^{\Omega} \pm 10\%$.	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 indicated in the remote controller, it means the valve is not closed all the way. It is not necessary to exchange the linear expansion valve, if the leakage is small and not making any trouble.	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.

③ Trouble shooting

8-2. FUNCTION OF DIP SWITCH

Quital	Pole Function Function			Demerler			
Switch Pole		Function	(N	OFF	Remarks	
	1	Thermistor <intake detection="" temperature=""> position</intake>	Built-in remote controller		Indoor unit	Address board	
SW1 Mode Selection	2	Filter clogging detection	Provided		Not provided	<pre><at delivery=""></at></pre>	
	3	Filter cleaning	2,500hr		100hr		
	4	Fresh air intake	Effective		Not effective	OFF 1 2 3 4 5 6 7 8 9 10	
	5	Remote indication switching	Thermostat ON signal indication		Fan output indication	Note :	
	6	Humidifier control	Always operated v	vhile the heat in ON *1	Operated depends on the condition	*1 Fan operation at Heating mode.	
	7	Air flow set in case of	Low *3		Extra low *3	#2 Heater thermo ON is operating.	
	8	Heat thermostat OFF	Setting air f	low *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-P80 ON		PLFY-P125		<at delivery=""></at>	
Capacity code	1~6		1 2 3 4 5 6	VAM-A.UK	1 2 3 4 5 6	Set for each capacity.	
setting		PLFY-P100 VAM-A.UK	1 2 3 4 5 6				
			1				
	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 Available Second setting		Not available	ON OFF 1 2 3 4 5 6 7 8 9 10	
	4	Vane swing function			Not available	Note :	
SW3 Function	5	Vane horizontal angle			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 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	e	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 humidifier functions or not.	
	10	Sub cool setting temperature	15degrees		10degrees	(Fixed the louver function less.)	
SW4 Unit Selection	1~5	ON OFF	2 3 4 5			Indoor controller board Set while the unit is off. <at delivery=""> ON OFF 1 2 1 2 4</at>	



DISASSEMBLY PROCEDURE

PLFY-P80VAM-A.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 to the direction of the arrow ① to open the air intake grille. Remove the string hook from the panel to pretend the grille from dropping. 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(X1) 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 another 2 screws (fixed to the oval hole which has 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) in 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 from the electrical box, loosen another 2 screws to remove the box. <electrical box="" electrical="" in="" parts="" the=""></electrical> Indoor controller board power supply board Terminal block (Power supply) Terminal block (MA remote controller) Capacitor Address board 	Photo 3 Electrical Dox Power Supply board Address board Connector Indoor controller board Connector

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10 PARTS LIST



				Q'ty/set		Wiring	Recom- mended Q'ty	Price	
No.	Part No.	b. Part Name	Specification	PLFY- P80 / P100 / P125	Remarks (Drawing No.)	Diagram		Unit	Amount
				VAM-A.UK	(Drawing No.)	Symbol		Unit	Amount
1	S70 E10 00	AIR OUTLET GRILLE		1					
2	S70 E00 00	2 VANE ASSY		4					
3	S70 E01 63	3 CORNER PANEL		1					
4	S70 E00 63	3 CORNER PANEL		3					
5	S70 E00 50) L.L. FILTER		1					
6	S70 E00 69	GRILLE ASSY		1					
7	S70 E00 22	3 VANE MOTOR		4		MV			
8	S70 E00 06	3 VANE BUSH		8					
9	S70 E00 04) GEAR (VANE)		4					
10	S70 E01 04) GEAR (MOTOR)		4					
11	S70 030 71	MA-REMOTE CONTROLLER	65WRC5	1	<par-20maa></par-20maa>	R.B			
12	S70 E01 67	3 SCREW ASSY		1					



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



				Q'ty/set		et		Wiring	Recom-	Pr	ice		
No.	Pa	art No) .	Part Name	Specification	PLFY- · VAM-A.UK		/AM-A.UK (Drawing No.)		Diagram	mended	Unit	Amount
						P80	P100	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="" pump=""></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 board="" of=""></part>	FUSE			
	S70	E10	310	INDOOR CONTROLLER BOARD		1				I.B			
8	S70	E11	310	INDOOR CONTROLLER BOARD			1			I.B			
	S70	E12	310	INDOOR 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	ROOM TEMPERATURE THERMISTOR	1050XAP	1	1	1		TH21			
12	S70	B02	294	ADDRESS BOARD		1	1	1		A.B			
13	S70	E00	304	ADDRESS CABLE		1	1	1					
14	S70	E00	503	ELECTRICAL BOX COVER		1	1	1					
15	S70	512	716	MA-REMOTE CONTROLLER TERMINAL BLOCK	2P(1,2)	1	1	1		TB15			
16	S70	B02	716	TRANSMISSION TERMINAL BLOCK	3P(M1,M2,S)	1	1	1		TB5			
17	S70	521	716	POWER SUPPLY TERMINAL BLOCK	3P(L,N,⊕)	1	1	1		TB2			
18	S70	17T	255	FAN MOTOR CAPACITOR	3.5 <i>µ</i> F 440V	1				С			
	S70	E02	255	FAN MOTOR CAPACITOR	7.0µF 440V		1	1		С			
19	S70	001	663	CORNER COVER		1	1	1					
20	S70	A41	524	DRAIN PLUG		1	1	1					
21	S70	A48	524	DRAIN PLUG		1	1	1					

11 OPTIONAL PARTS

11-1. Multi function casement

Part No.	PAC-SG03TM-E

11-2. Air outlet shutter plate (20 sets)

Part No.	PAC-SG06SP-E
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11-3. High efficiency filter (PAC-SG03TM-E is required in using this optional part.)

Part No.	PAC-SG01KF



HEAD OFFICE : MITSUBISHI DENKI BLDG., 2-2-3, MARUNOUCHI, CHIYODA-KU, TOKYO 100-8310, JAPAN