

# SERVICE MANUAL

## Series PLA Ceiling Cassettes R407C/R410A

Indoor unit  
[Model names]

PLA-RP100AA2

PLA-RP125AA2

PLA-RP140AA2

[Service Ref.]

**PLA-RP100AA2.UK**  
**PLA-RP125AA2.UK**  
**PLA-RP140AA2.UK**

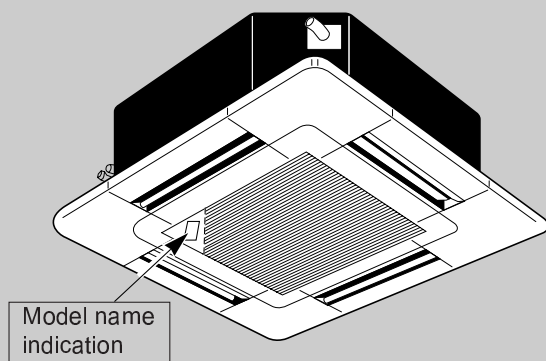
Revision:

- RoHS PARTS LIST is added.
- Some descriptions have been modified.

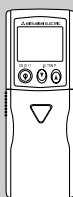
- Please void OC357.

Note:

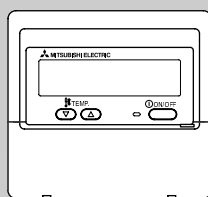
- This manual describes only service data of the indoor units.
- RoHS compliant products have <G> mark on the spec name plate.
- For servicing of RoHS compliant products, refer to the RoHS Parts List.



INDOOR UNIT



WIRELESS REMOTE  
CONTROLLER



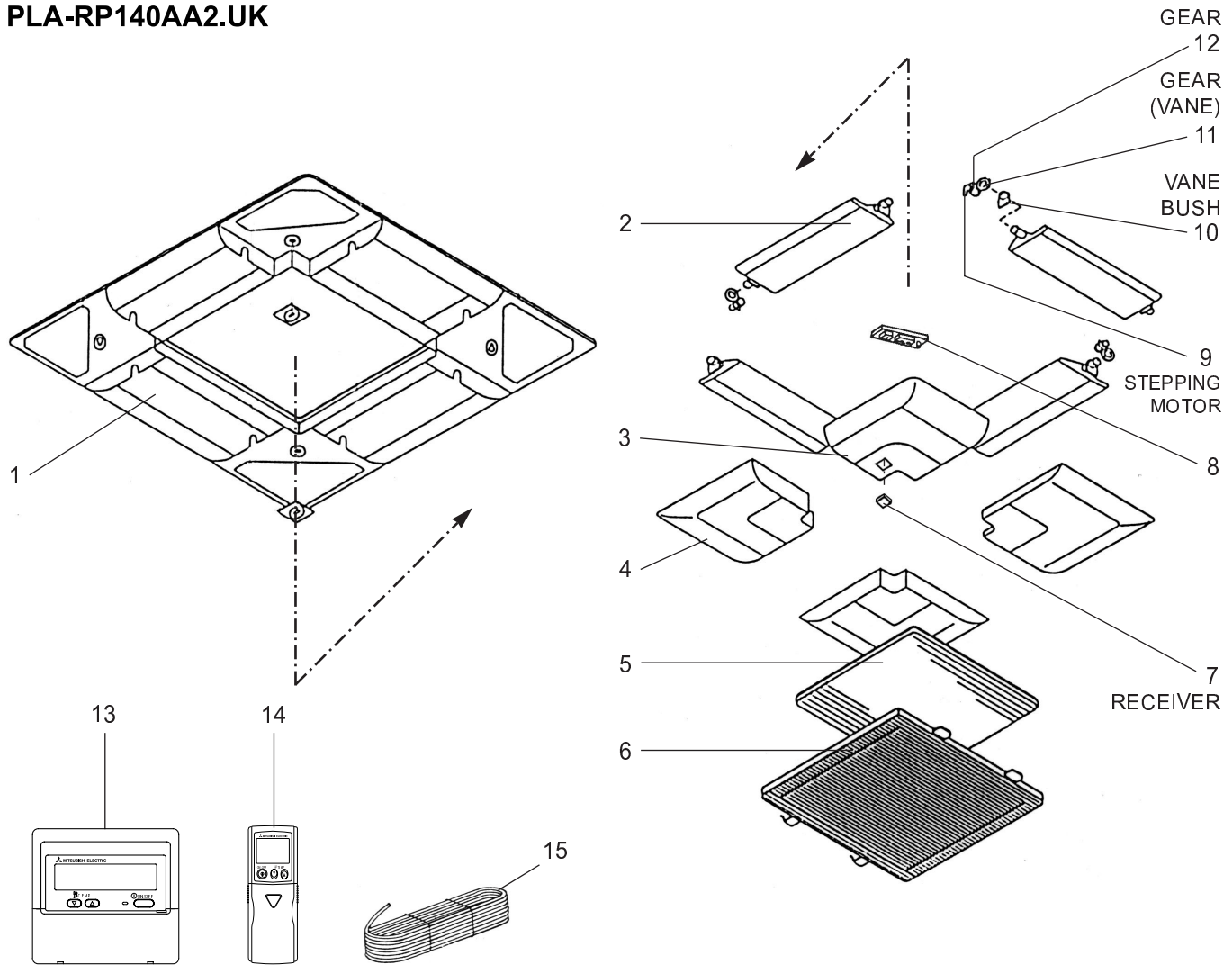
WIRED REMOTE  
CONTROLLER

## CONTENTS

1. REFERENCE MANUAL .....	2
2. SAFETY PRECAUTION .....	2
3. PART NAMES AND FUNCTIONS .....	6
4. SPECIFICATIONS .....	9
5. NOISE CRITERION CURVES .....	10
6. OUTLINES AND DIMENSIONS .....	11
7. WIRING DIAGRAM .....	12
8. REFRIGERANT SYSTEM DIAGRAM .....	13
9. TROUBLESHOOTING .....	14
10. DISASSEMBLY PROCEDURE .....	31
11. PARTS LIST .....	34
12. RoHS PARTS LIST .....	37

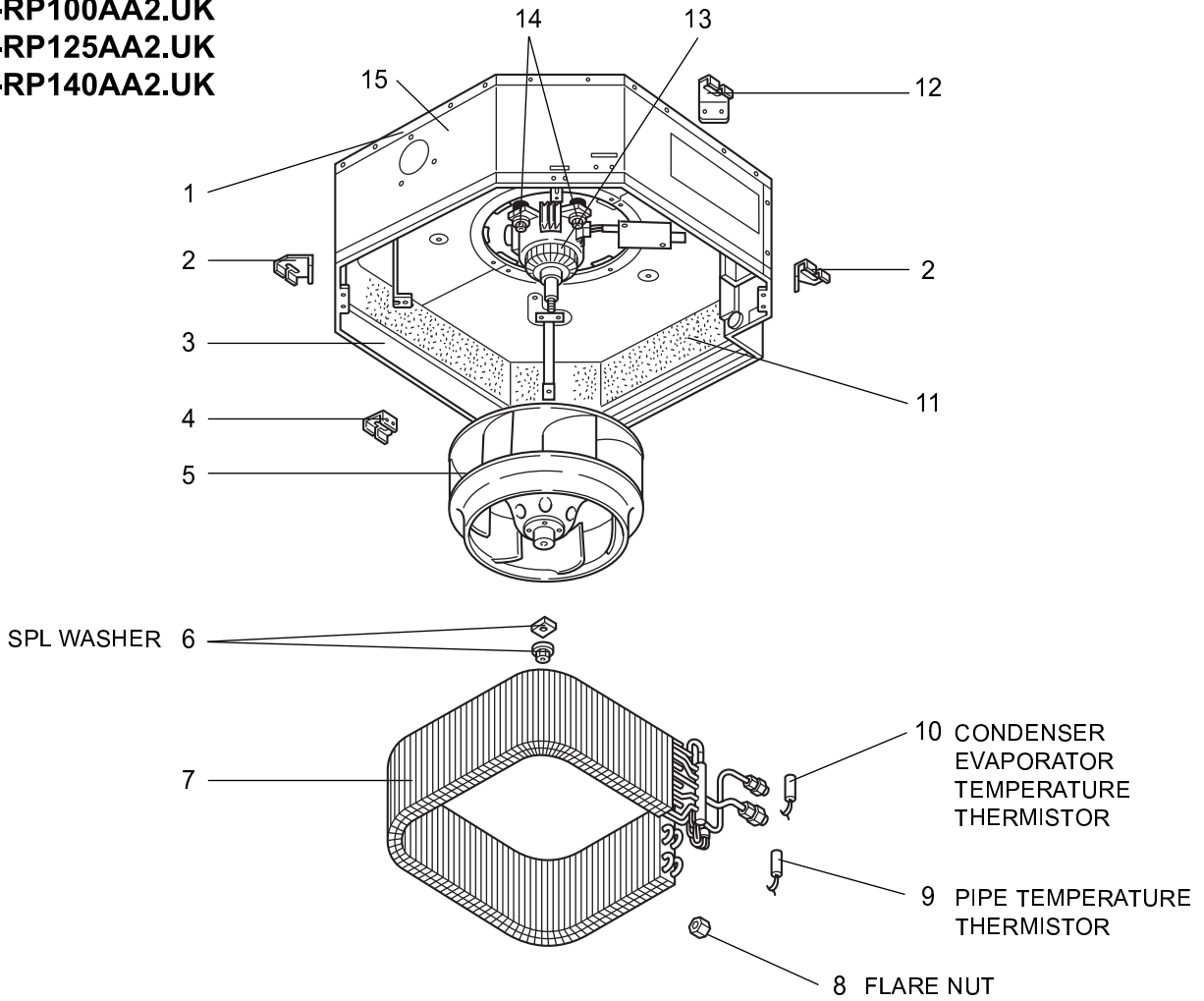
# 11 PARTS LIST (non-RoHS compliant)

**PANEL PARTS**  
**PLA-RP100AA2.UK**  
**PLA-RP125AA2.UK**  
**PLA-RP140AA2.UK**



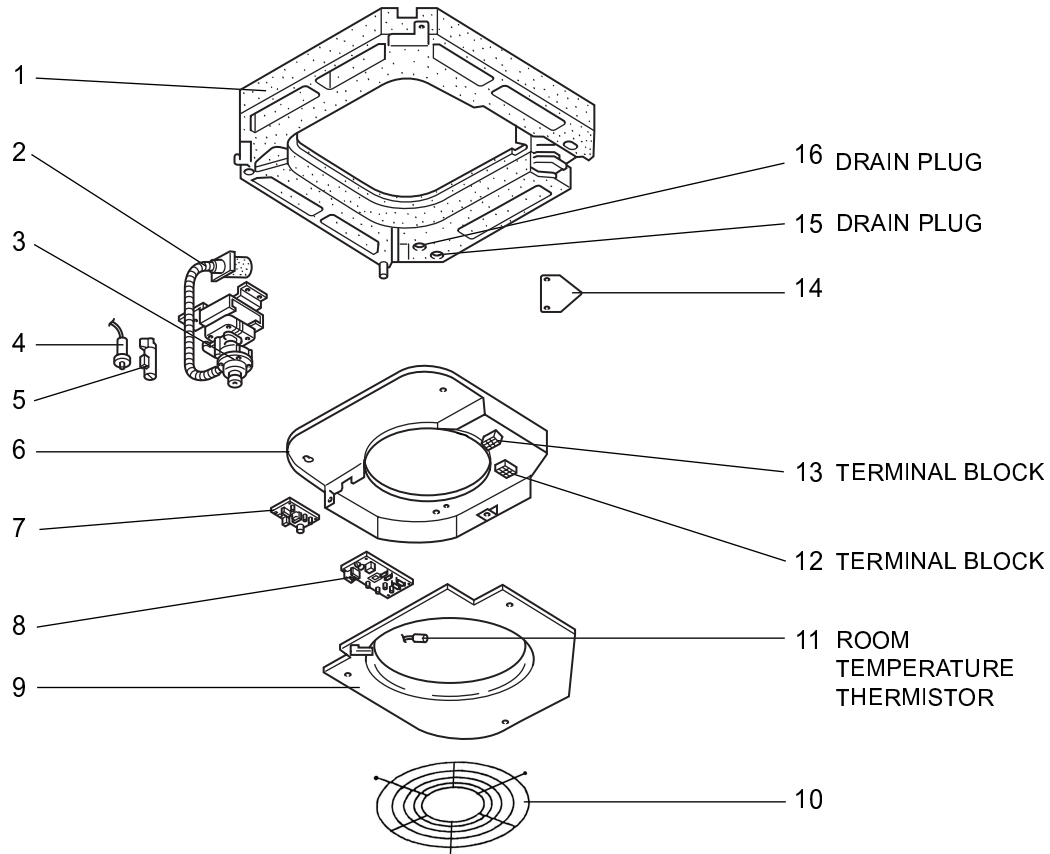
No.	Parts No.	Parts Name	Specifi- cation	Q'ty / set		Remarks (Drawing No.)	Wiring Diagram Symbol	Recom- mended Q'ty	Price	
				PLA-RP100•125•140AA2.UK					Unit	Amount
				WIRED	WIRELESS					
1	S70 E10 003	AIR OUTLET GRILLE		1	1					
2	S70 E01 002	VANE ASSY		4	4					
3	S70 E01 638	CORNER PANEL		1	2					
4	S70 E00 638	CORNER PANEL		3	2					
5	S70 E00 500	L.L FILTER-A		1	1					
6	S70 E00 691	GRILLE ASSY		1	1					
7	S70 24K 658	RECEIVER			1		RU			
8	S70 E00 317	WIRELESS ADAPTER			1		W.B			
9	S70 E00 223	STEPPING MOTOR		4	4		MV			
10	S70 E00 063	VANE BUSH		8	8					
11	S70 E00 040	GEAR (VANE)		4	4					
12	S70 E01 040	GEAR		4	4					
13	S70 KW1 713	REMOTE CONTROLLER ASSY	PAR-21MAA-E	1			R.B			
14	S70 E15 714	WIRELESS REMOTE CONTROLLER ASSY	PAR-SL97A-E		1					
15	S70 58A 246	CORD		1						

**FUNCTIONAL PARTS**  
**PLA-RP100AA2.UK**  
**PLA-RP125AA2.UK**  
**PLA-RP140AA2.UK**



No.	Parts No.	Parts Name	Specifi- cation	Q'ty / set		Remarks (Drawing No.)	Wiring Diagram Symbol	Recom- mended Q'ty	Price	
				PLA-RP•AA2.UK					Unit	Amount
				100	125,140					
1	S70 K01 687	BASE		1	1					
2	S70 E01 130	LEG		2	2					
3	S70 007 688	DRUM 1 ASSY		1	1					
4	S70 E00 130	LEG		1	1					
5	S70 E01 114	TURBO FAN		1	1					
6	S70 08K 097	SPL WASHER		1	1					
7	S70 K19 480	HEAT EXCHANGER		1	1					
8	S70 E16 097	FLARE NUT	3/4"	1	1					
9	S70 17J 202	PIPE TEMPERATURE THERMISTOR		1	1		TH2			
10	S70 E20 202	CONDENSER EVAPORATOR TEMPERATURE THERMISTOR		1	1		TH5			
11	S70 E02 659	INNER COVER		1	1					
12	S70 E02 130	LEG		1	1					
13	S70 K10 762	FAN MOTOR	EHD01A120MS	1	1		MF			
14	S70 K10 105	MOTOR MOUNT		3	3					
15	S70 008 688	DRUM 2 ASSY		1	1					

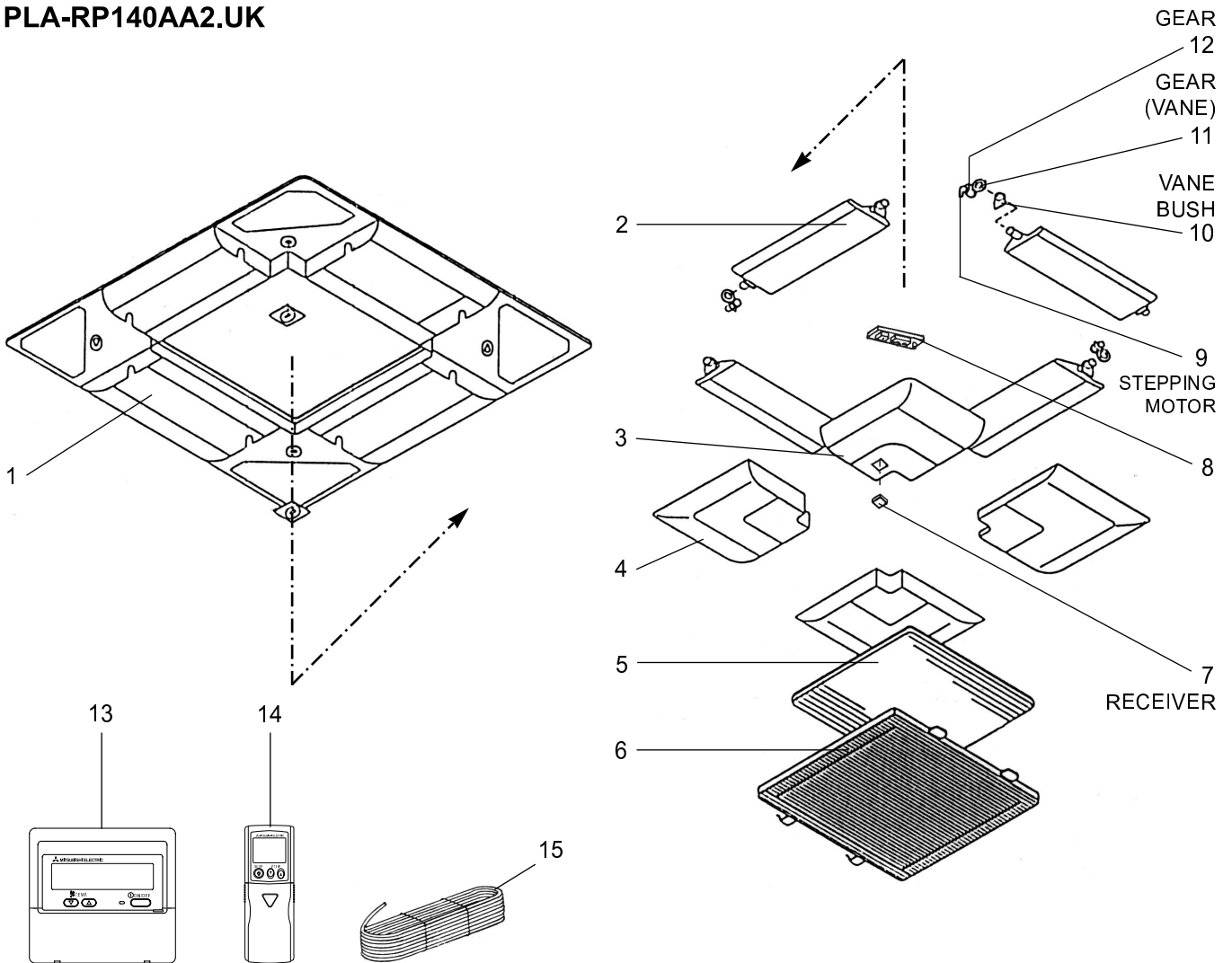
**FUNCTIONAL PARTS**  
**PLA-RP100AA2.UK**  
**PLA-RP125AA2.UK**  
**PLA-RP140AA2.UK**



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

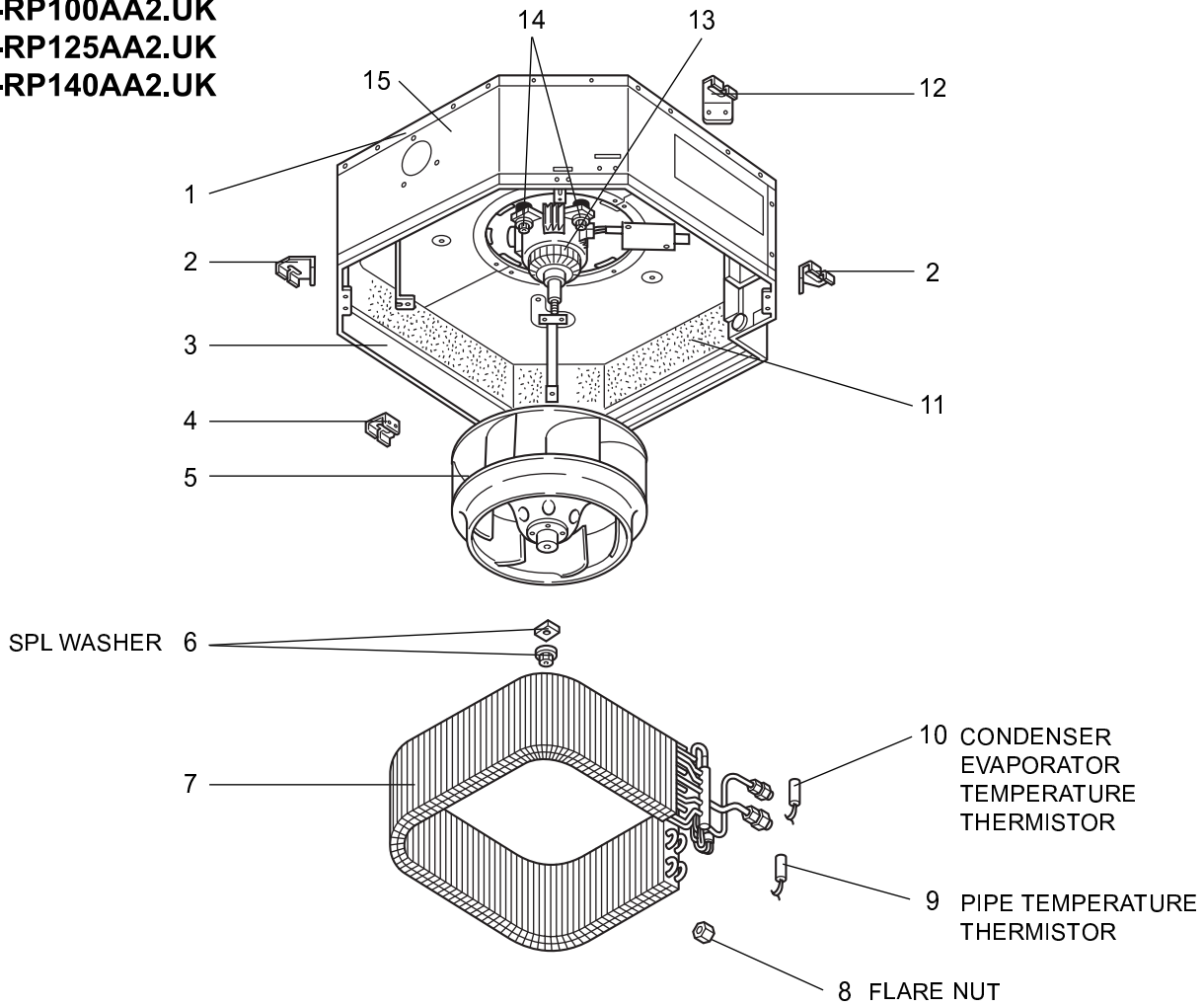
No.	Parts No.	Parts Name	Specification	Q'ty / set	Remarks (Drawing No.)	Wiring Diagram Symbol	Recom- mended Q'ty	Price	
				PLA-RP100*125*140AA2.UK				Unit	Amount
1	S70 E01 529	DRAIN PAN		1					
2	S70 29H 523	DRAIN SOCKET		1					
3	S70 E02 355	DRAIN PUMP		1		DP			
4	S70 E00 266	DRAIN SENSOR		1		DS			
5	S70 31K 241	DRAIN SENSOR HOLDER		1					
6	S70 K00 501	ELECTRICAL CONTROL BOX		1					
7	S70 K10 313	POWER BOARD		1		P.B			
8	S70 K50 310	INDOOR CONTROLLER BOARD		1		I.B			
9	S70 K03 503	CONTROL COVER ASSY		1					
10	S70 E10 675	FAN GUARD		1					
11	S70 E00 202	ROOM TEMPERATURE THERMISTOR		1		TH1			
12	S70 512 716	TERMINAL BLOCK	2P (1, 2)	1		TB5			
13	S70 K01 716	TERMINAL BLOCK	3P (S1, S2, S3)	1		TB4			
14	S70 001 663	CORNER COVER		1					
15	S70 A41 524	DRAIN PLUG		1					
16	S70 A48 524	DRAIN PLUG		1					
⑰	S70 A41 523	DRAIN HOSE ASSY		1					
⑱	S70 K00 529	REACTOR(NOISE FILTER)		1		DCL			

PANEL PARTS  
 PLA-RP100AA2.UK  
 PLA-RP125AA2.UK  
 PLA-RP140AA2.UK



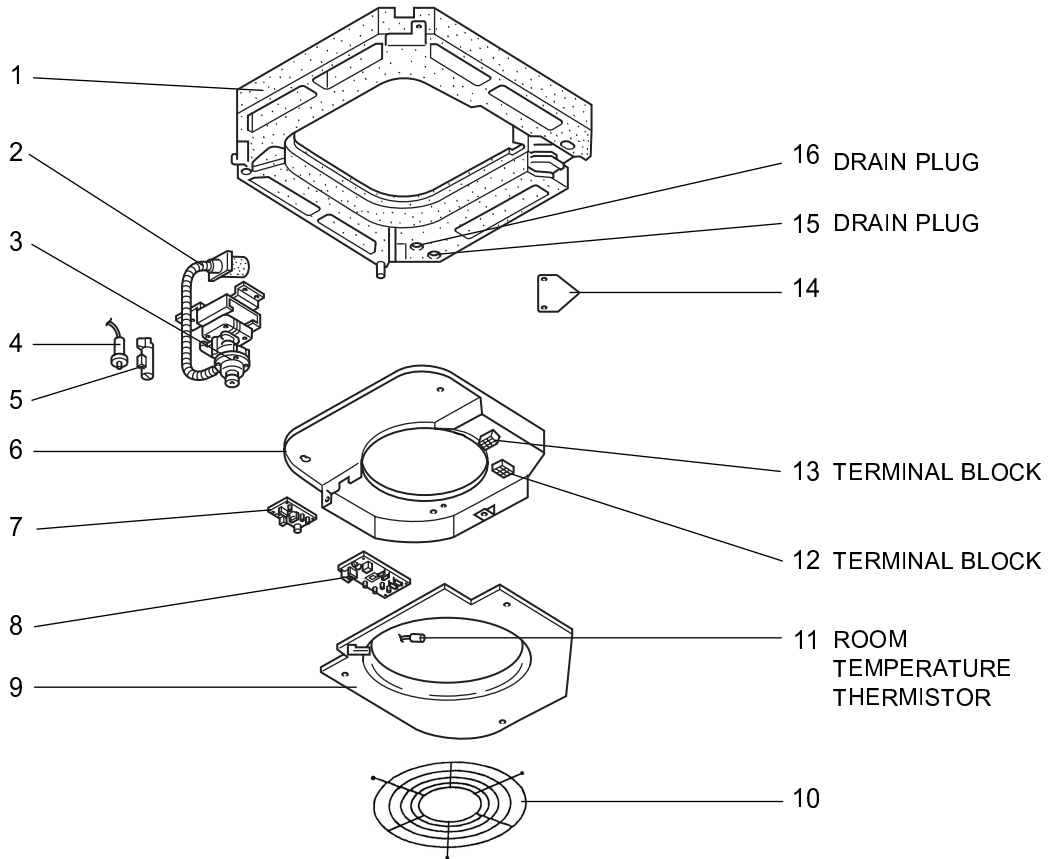
No.	RoHS	Parts No.	Parts Name	Specifi- cation	Q'ty / set		Remarks (Drawing No.)	Wiring Diagram Symbol	Recom- mended Q'ty	Price	
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1	G	S70 E10 003	AIR OUTLET GRILLE		1	1					
2	G	S70 E01 002	VANE ASSY		4	4					
3	G	S70 E01 638	CORNER PANEL		1	2					
4	G	S70 E00 638	CORNER PANEL		3	2					
5	G	S70 E00 500	L.L FILTER-A		1	1					
6	G	S70 E00 691	GRILLE ASSY		1	1					
7	G	S70 24K 658	RECEIVER			1		RU			
8	G	S70 E00 317	WIRELESS ADAPTER			1		W.B			
9	G	S70 E00 223	STEPPING MOTOR		4	4		MV			
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14	G	S70 E15 714	WIRELESS REMOTE CONTROLLER ASSY	PAR-SL97A-E		1					
15	G	S70 58A 246	CORD		1						

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2	G	S70 E01 130	LEG		2	2					
3	G	S70 007 688	DRUM 1 ASSY		1	1					
4	G	S70 E00 130	LEG		1	1					
5	G	S70 E01 114G	TURBO FAN		1	1					
6	G	S70 08K 097	SPL WASHER		1	1					
7	G	S70 K19 480	HEAT EXCHANGER		1	1					
8	G	S70 E16 097	FLARE NUT	3/4"	1	1					
9	G	S70 17J 202	PIPE TEMPERATURE THERMISTOR		1	1		TH2			
10	G	S70 E20 202	CONDENSER EVAPORATOR TEMPERATURE THERMISTOR		1	1		TH5			
11	G	S70 E02 659	INNER COVER		1	1					
12	G	S70 E02 130	LEG		1	1					
13	G	S70 K10 762	FAN MOTOR	EHD01A120MS	1	1		MF			
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					PLA-RP100-125-140 AA2.UK				Unit	Amount
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2	G	S70 29H 523	DRAIN SOCKET		1					
3	G	S70 E02 355	DRAIN PUMP		1		DP			
4	G	S70 E00 266	DRAIN SENSOR		1		DS			
5	G	S70 31K 241	DRAIN SENSOR HOLDER		1					
6	G	S70 K00 501	ELECTRICAL CONTROL BOX		1					
7	G	S70 K10 313	POWER BOARD		1		P.B			
8	G	S70 K50 310	INDOOR CONTROLLER BOARD		1		I.B			
9	G	S70 K03 503	CONTROL COVER ASSY		1					
10	G	S70 E10 675G	FAN GUARD		1					
11	G	S70 E00 202	ROOM TEMPERATURE THERMISTOR		1		TH1			
12	G	S70 512 716	TERMINAL BLOCK	2P (1, 2)	1		TB5			
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15	G	S70 A41 524	DRAIN PLUG		1					
16	G	S70 A48 524	DRAIN PLUG		1					
⑰	G	S70 A41 523	DRAIN HOSE ASSY		1					
⑱	G	S70 K00 529	REACTOR(NOISE FILTER)		1		DCL			

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