

July 2013
No.OCB533
REVISED EDITION-B

PARTS CATALOG

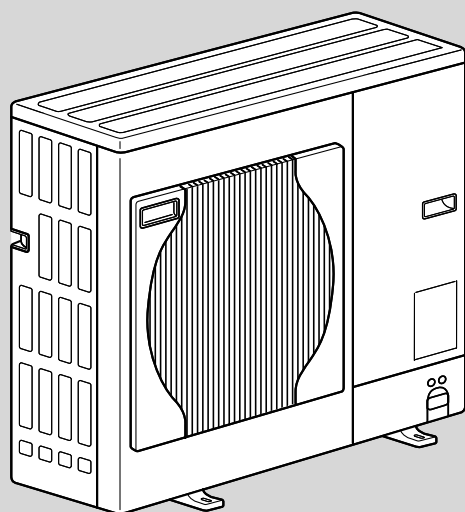
R410A
Outdoor unit
[Model names]
PUHZ-SW75VHA
PUHZ-SW100VHA
PUHZ-SW100YHA
PUHZ-SW120VHA
PUHZ-SW120YHA
Salt proof model
PUHZ-SW75VHA-BS
PUHZ-SW100VHA-BS
PUHZ-SW100YHA-BS
PUHZ-SW120VHA-BS
PUHZ-SW120YHA-BS
[Service ref.]
PUHZ-SW75VHA.UK
PUHZ-SW100VHA.UK
PUHZ-SW100YHA.UK
PUHZ-SW100YHAR1.UK
PUHZ-SW120VHA.UK
PUHZ-SW120YHA.UK
PUHZ-SW120YHAR1.UK
PUHZ-SW75VHA-BS.UK
PUHZ-SW100VHA-BS.UK
PUHZ-SW100YHA-BS.UK
PUHZ-SW100YHAR1-BS.UK
PUHZ-SW120VHA-BS.UK
PUHZ-SW120YHA-BS.UK
PUHZ-SW120YHAR1-BS.UK
Revision :

- PUHZ-SW100YHAR1(-BS).UK and PUHZ-SW120YHAR1(-BS).UK have been added in REVISED EDITION-B.
- Some descriptions have been modified.

- Please void OCB533 REVISED EDITION-A.

Note :

- RoHS compliant products have <G> mark on spec name plate.


PUHZ-SW75VHA.UK
PUHZ-SW75VHA-BS.UK
CONTENTS

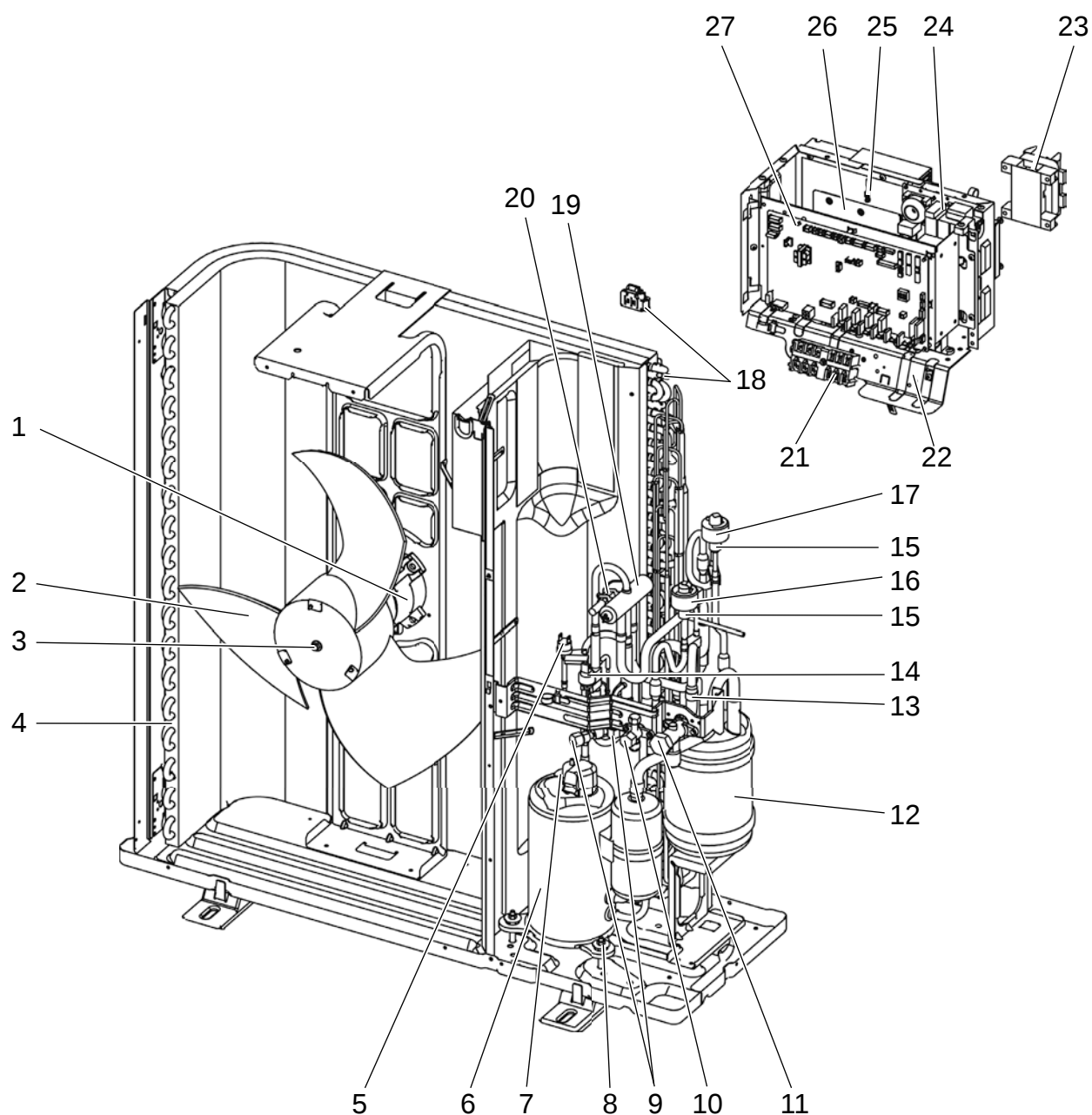
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SERVICE MANUAL (OCH533)

FUNCTIONAL AND ELECTRICAL PARTS

PUHZ-SW75VHA.UK

PUHZ-SW75VHA-BS.UK



RoHS PARTS LIST

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

No.	RoHS	Part No.	Part Name	Specification	Q'ty/unit	Remarks (Drawing No.)	Wiring Diagram Symbol	Recom- mended Q'ty
					PUHZ-SW75VHA PUHZ-SW75VHA-BS			
1	G	S70 E10 763	FAN MOTOR		1		MF1	
2	G	S70 K04 115	PROPELLER FAN		1			
3	G	S70 K01 097	NUT		1			
4	G	S70 E45 408	HEAT EXCHANGER		1			
5	G	S70 E10 208	HIGH PRESSURE SWITCH	OFF 4.14MPA	1		63H	
6	G	S70 E41 400	COMPRESSOR	TNB220FLHMT	1		MC	
7	G	S70 E51 202	THERMISTOR (COMP. SURFACE)		1		TH34	
8	G	S70 E01 004	RUBBER MOUNT		3			
9	G	S70 E02 413	CHARGE PLUG		2			
10	G	S70 600 418	STOP VALVE (LIQUID)	3/8'	1			
11	G	S70 E07 411	STOP VALVE (GAS)	5/8'	1			
12	G	S70 E65 440	POWER RECEIVER		1			
13	G	S70 36L 450	STRAINER		1			
14	G	S70 E11 208	HIGH PRESSURE SENSOR		1		63HS	
15	G	S70 E80 401	LINEAR EXPANSION VALVE		2			
16	G	S70 E88 402	LEV COIL		1		LEV-B	
17	G	S70 E87 402	LEV COIL		1		LEV-A	
18	G	S70 E31 202	THERMISTOR (AMBIENT, 2-PHASE PIPE)		1		TH6,7	
19	G	S70 E04 403	4-WAY VALVE		1			
20	G	S70 E01 242	SOLENOID COIL		1		21S4	
21	G	S70 E05 716	TERMINAL BLOCK	6P (L,N,⓪,S1,S2,S3)	1		TB1	
22	G	S70 E51 316	COMPLETE CONTROL BOX ASSY		1			
23	G	S70 K60 259	REACTOR	0.5MH	1		ACL	
24	G	S70 E40 346	NOISE FILTER ASSY		1		N.F.	
25	G	S70 E56 202	THERMISTOR (HEATSINK)		1		TH8	
26	G	S70 E60 313	POWER CIRCUIT BOARD		1		P.B.	
27	G	S70 E40 315	CONTROLLER CIRCUIT BOARD		1		C.B.	
(28)	G	S70 E59 202	THERMISTOR (DISCHARGE)		1		TH4	
(29)	G	S70 E52 202	THERMISTOR (LIQUID)		1		TH3	

RoHS PARTS LIST

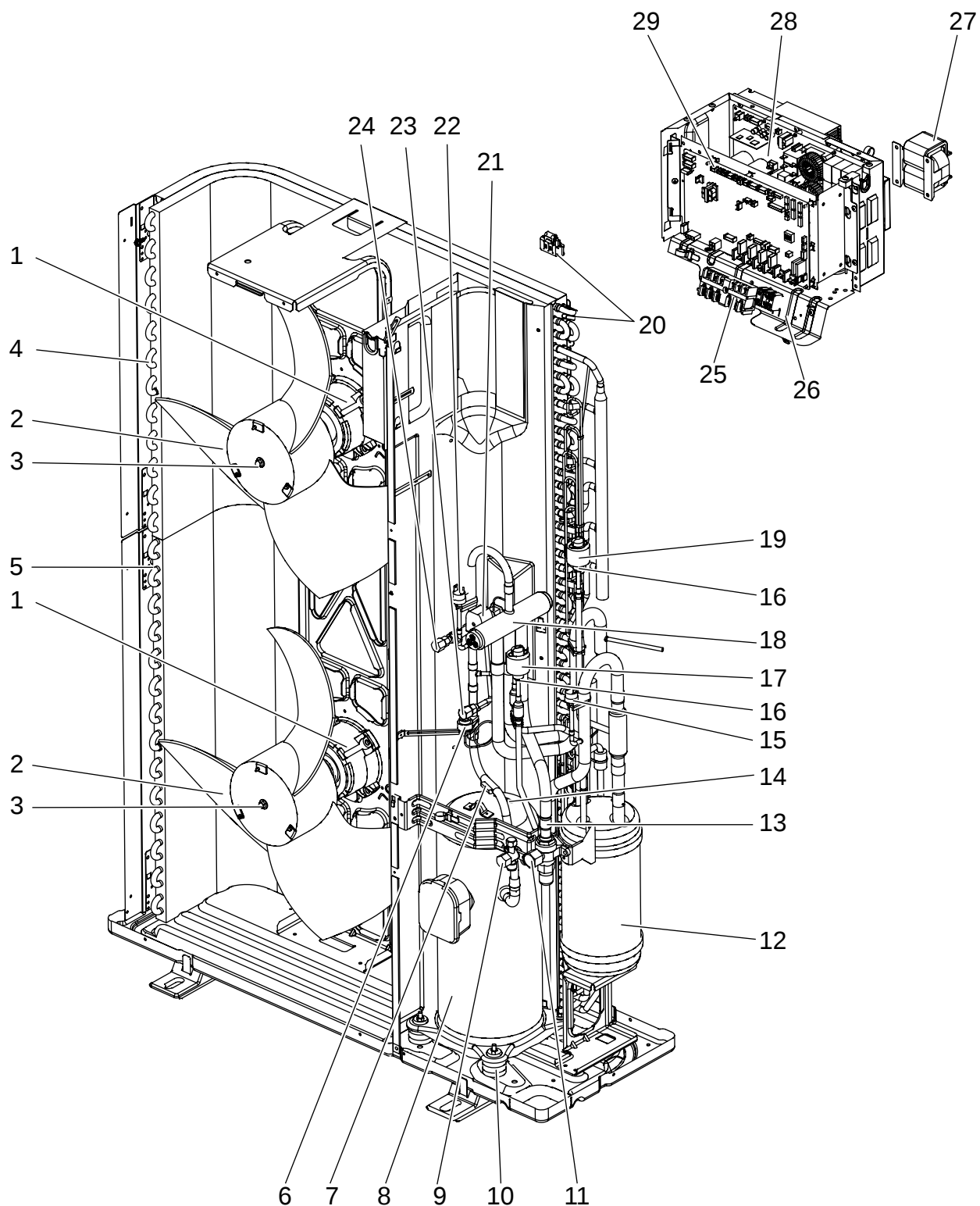
FUNCTIONAL AND ELECTRICAL PARTS

PUHZ-SW100VHA.UK

PUHZ-SW100VHA-BS.UK

PUHZ-SW120VHA.UK

PUHZ-SW120VHA-BS.UK



RoHS PARTS LIST

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

No.	RoHS	Part No.	Part Name	Specification	Q'ty/unit				Remarks (Drawing No.)	Wiring Diagram Symbol	Recom- mended Q'ty
					PUHZ-SW100VHA.UK	PUHZ-SW100VHA-BS.UK	PUHZ-SW120VHA.UK	PUHZ-SW120VHA-BS.UK			
1	G	S70 E10 763	FAN MOTOR		2	2	2	2		MF1,2	
2	G	S70 K04 115	PROPELLER FAN		2	2	2	2			
3	G	S70 K01 097	NUT		2	2	2	2			
4	G	S70 E55 408	HEAT EXCHANGER (TOP)		1	1	1	1			
5	G	S70 E65 408	HEAT EXCHANGER (UNDER)		1	1	1	1			
6	G	S70 E11 208	HIGH PRESSURE SENSOR		1	1	1	1		63HS	
7	G	S70 E57 202	THERMISTOR (DISCHARGE)		1	1	1	1		TH4	
8	G	S70 E88 400	COMPRESSOR	ANB33FNEMT	1	1				MC	
	G	S70 E90 400	COMPRESSOR	ANB42FNEMT			1	1		MC	
9	G	S70 600 418	STOP VALVE (LIQUID)	3/8'	1	1	1	1			
10	G	S70 E02 004	RUBBER MOUNT		4	4	4	4			
11	G	S70 E06 411	BALL VALVE (GAS)	5/8'	1	1	1	1			
12	G	S70 E75 440	POWER RECEIVER		1	1	1	1			
13	G	S70 36L 450	STRAINER		1	1	1	1			
14	G	S70 E53 202	THERMISTOR (COMP.SURFACE)		1	1	1	1		TH34	
15	G	S70 H20 209	LOW PRESSURE SWITCH		1	1	1	1		63L	
16	G	S70 E92 401	LINEAR EXPANSION VALVE		2	2	2	2			
17	G	S70 E88 402	LEV COIL		1	1	1	1		LEV-B	
18	G	S70 E05 403	4-WAY VALVE		1	1	1	1			
19	G	S70 E87 402	LEV COIL		1	1	1	1		LEV-A	
20	G	S70 E31 202	THERMISTOR (AMBIENT, 2-PHASE PIPE)		1	1	1	1		TH6,7	
21	G	S70 E05 242	SOLENOID COIL		1	1	1	1		21S4	
22	G	S70 E10 208	HIGH PRESSURE SWITCH	OFF 4.14MPA	1	1	1	1		63H	
23	G	S70 E02 413	CHARGE PLUG		1	1	1	1			
24	G	S70 E03 413	CHARGE PLUG		1	1	1	1			
25	G	S70 E05 716	TERMINAL BLOCK	6P (L,N,0,S1,S2,S3)	1	1	1	1		TB1	
26	G	S70 E52 316	COMPLETE CONTROL BOX ASSY		1	1					
	G	S70 E54 316	COMPLETE CONTROL BOX ASSY				1	1			
27	G	S70 K40 259	REACTOR	0.5MH	1	1	1	1		DCL	
28	G	S70 E70 313	POWER CIRCUIT BOARD		1	1	1	1		P.B	
29	G	S70 E50 315	CONTROLLER CIRCUIT BOARD		1	1	1	1		C.B	
30	G	S70 E58 202	THERMISTOR (LIQUID)		1	1	1	1		TH3	
31	G	S70 E05 255	MAIN SMOOTHING CAPACITOR		1	1	1	1		CB	

RoHS PARTS LIST

FUNCTIONAL AND ELECTRICAL PARTS

PUHZ-SW100YHA.UK

PUHZ-SW100YHA-BS.UK

PUHZ-SW120YHA.UK

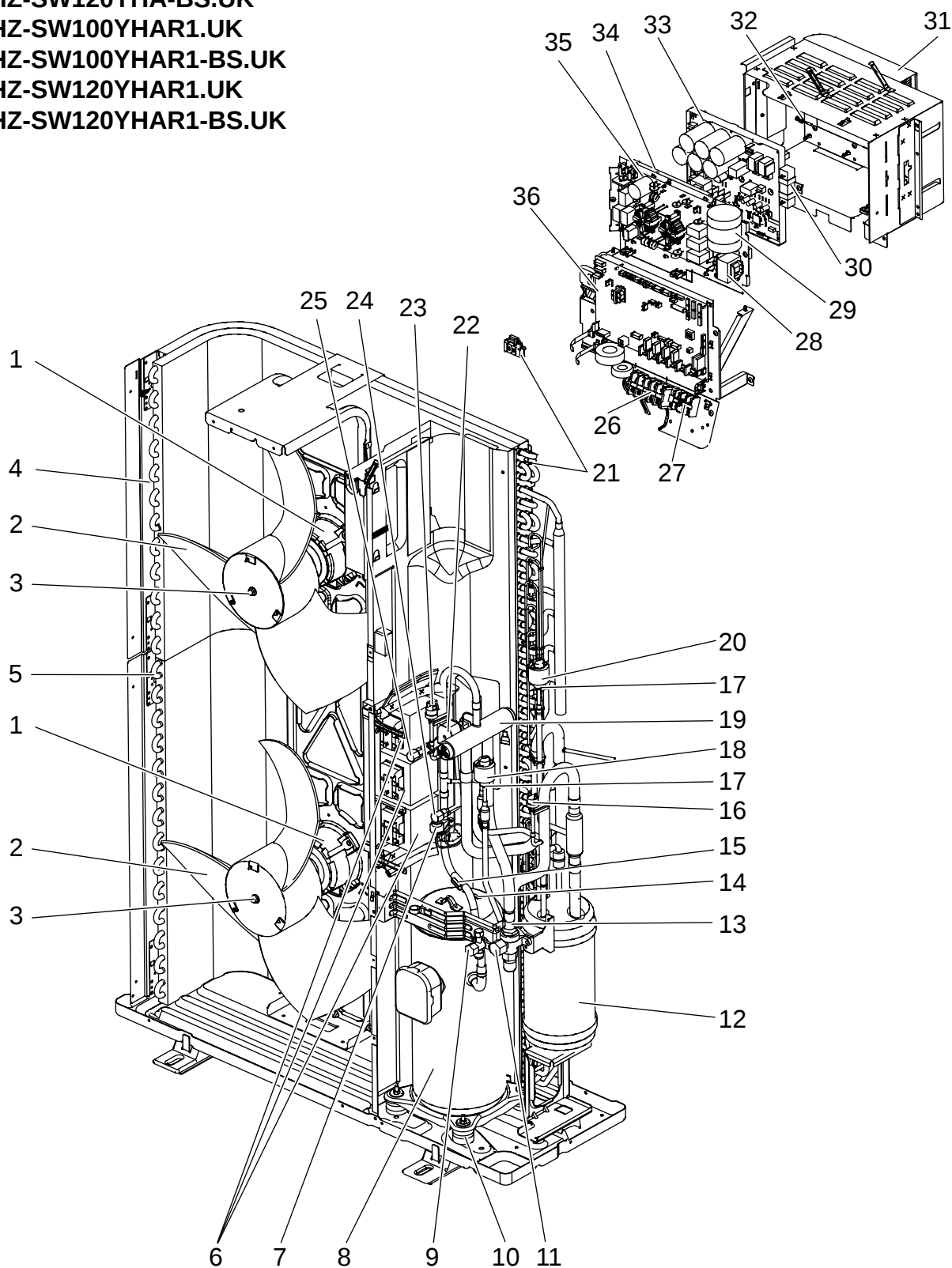
PUHZ-SW120YHA-BS.UK

PUHZ-SW100YHAR1.UK

PUHZ-SW100YHAR1-BS.UK

PUHZ-SW120YHAR1.UK

PUHZ-SW120YHAR1-BS.UK



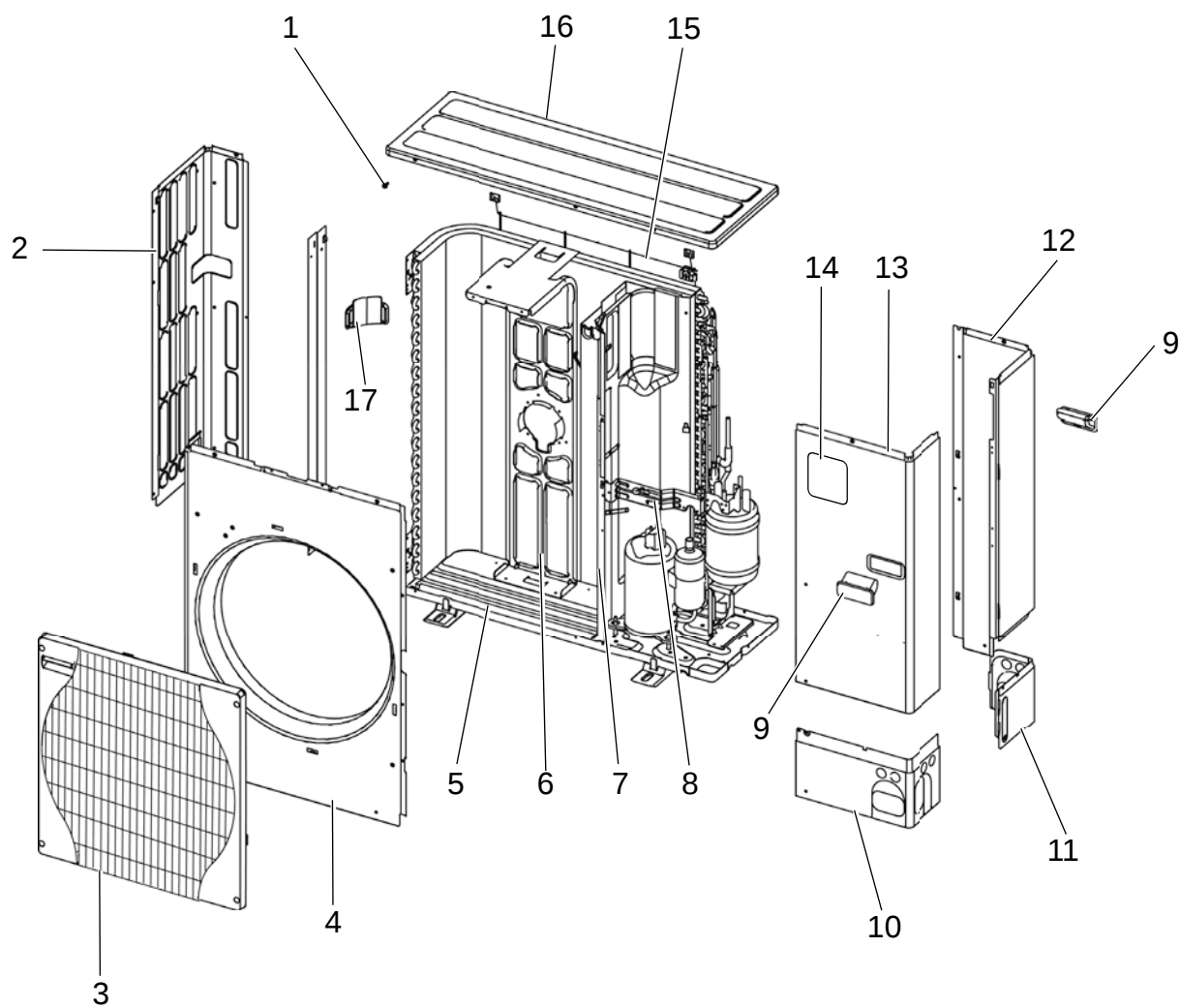
RoHS PARTS LIST

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

No.	RoHS	Part No.	Part Name	Specification	Q'ty/unit							Remarks (Drawing No.)	Wiring Diagram Symbol
					PUHZ-SW100YHA.UK	PUHZ-SW100YHA-BS.UK	PUHZ-SW120YHA.UK	PUHZ-SW120YHA-BS.UK	PUHZ-SW100YHAR1.UK	PUHZ-SW100YHAR1-BS.UK	PUHZ-SW120YHAR1.UK	PUHZ-SW120YHAR1-BS.UK	
1	G	S70 E10 763	FAN MOTOR		2	2	2	2	2	2	2		MF1,2
2	G	S70 K04 115	PROPELLER FAN		2	2	2	2	2	2	2		
3	G	S70 K01 097	NUT		2	2	2	2	2	2	2		
4	G	S70 E55 408	HEAT EXCHANGER (TOP)		1	1	1	1	1	1	1		
5	G	S70 E65 408	HEAT EXCHANGER (UNDER)		1	1	1	1	1	1	1		
6	G	S70 K80 259	REACTOR		3	3	3	3	3	3	3		ACL1,2,3
7	G	S70 E11 208	HIGH PRESSURE SENSOR		1	1	1	1	1	1	1		63HS
8	G	S70 E89 400	COMPRESSOR	ANB33FNDMT	1	1			1	1			MC
	G	S70 E91 400	COMPRESSOR	ANB42FNDMT			1	1			1	1	MC
9	G	S70 600 418	STOP VALVE (LIQUID)	3/8'	1	1	1	1	1	1	1		
10	G	S70 E02 004	RUBBER MOUNT		4	4	4	4	4	4	4		
11	G	S70 E06 411	BALL VALVE (GAS)	5/8'	1	1	1	1	1	1	1		
12	G	S70 E75 440	POWER RECEIVER		1	1	1	1	1	1	1		
13	G	S70 36L 450	STRAINER		1	1	1	1	1	1	1		
14	G	S70 E54 202	THERMISTOR (COMP. SURFACE)		1	1	1	1	1	1	1		TH34
15	G	S70 E59 202	THERMISTOR (DISCHARGE)		1	1	1	1	1	1	1		TH4
16	G	S70 H20 209	LOW PRESSURE SWITCH		1	1	1	1	1	1	1		63L
17	G	S70 E92 401	LINEAR EXPANSION VALVE		2	2	2	2	2	2	2		
18	G	S70 E88 402	LEV COIL		1	1	1	1	1	1	1		LEV-B
19	G	S70 E05 403	4-WAY VALVE		1	1	1	1	1	1	1		
20	G	S70 E87 402	LEV COIL		1	1	1	1	1	1	1		LEV-A
21	G	S70 E60 202	THERMISTOR (AMBIENT, 2-PHASE PIPE)		1	1	1	1	1	1	1		TH6,7
22	G	S70 E01 242	SOLENOID COIL		1	1	1	1	1	1	1		21S4
23	G	S70 E10 208	HIGH PRESSURE SWITCH	OFF 4.14MPA	1	1	1	1	1	1	1		63H
24	G	S70 E02 413	CHARGE PLUG		1	1	1	1	1	1	1		
25	G	S70 E03 413	CHARGE PLUG		1	1	1	1	1	1	1		
26	G	S70 E09 716	TERMINAL BLOCK	5P (L1,L2,L3,N,⊙)	1	1	1	1	1	1	1		TB1
27	G	S70 E08 716	TERMINAL BLOCK	3P (S1,S2,S3)	1	1	1	1	1	1	1		TB2
28	G	S70 K90 259	REACTOR		1	1	1	1	1	1	1		ACL4
29	G	S70 E71 255	CAPACITOR		1	1	1	1	1	1	1		CK
30	G	S70 E20 234	RESISTOR		1	1	1	1	1	1	1		RS
31	G	S70 E53 316	COMPLETE CONTROL BOX ASSY		1	1							
	G	S70 E55 316	COMPLETE CONTROL BOX ASSY				1	1					
	G	S70 E56 316	COMPLETE CONTROL BOX ASSY						1	1			
	G	S70 E57 316	COMPLETE CONTROL BOX ASSY								1	1	
32	G	S70 E55 202	THERMISTOR (HEATSINK)		1	1	1	1	1	1	1		TH8
33	G	S70 E80 313	POWER CIRCUIT BOARD		1	1	1	1					P.B
	G	S70 E90 313	POWER CIRCUIT BOARD						1	1	1	1	P.B
34	G	S70 E15 313	CONVERTOR BOARD		1	1	1	1	1	1	1		CONV.B.
35	G	S70 E50 346	NOISE FILTER CIRCUIT BOARD		1	1	1	1	1	1	1		N.F.
36	G	S70 E40 315	CONTROLLER CIRCUIT BOARD		1	1	1	1	1	1	1		C.B
(37)	G	S70 E37 202	THERMISTOR (LIQUID)		1	1	1	1	1	1	1		TH3

RoHS PARTS LIST

STRUCTURAL PARTS
PUHZ-SW75VHA.UK
PUHZ-SW75VHA-BS.UK



RoHS PARTS LIST

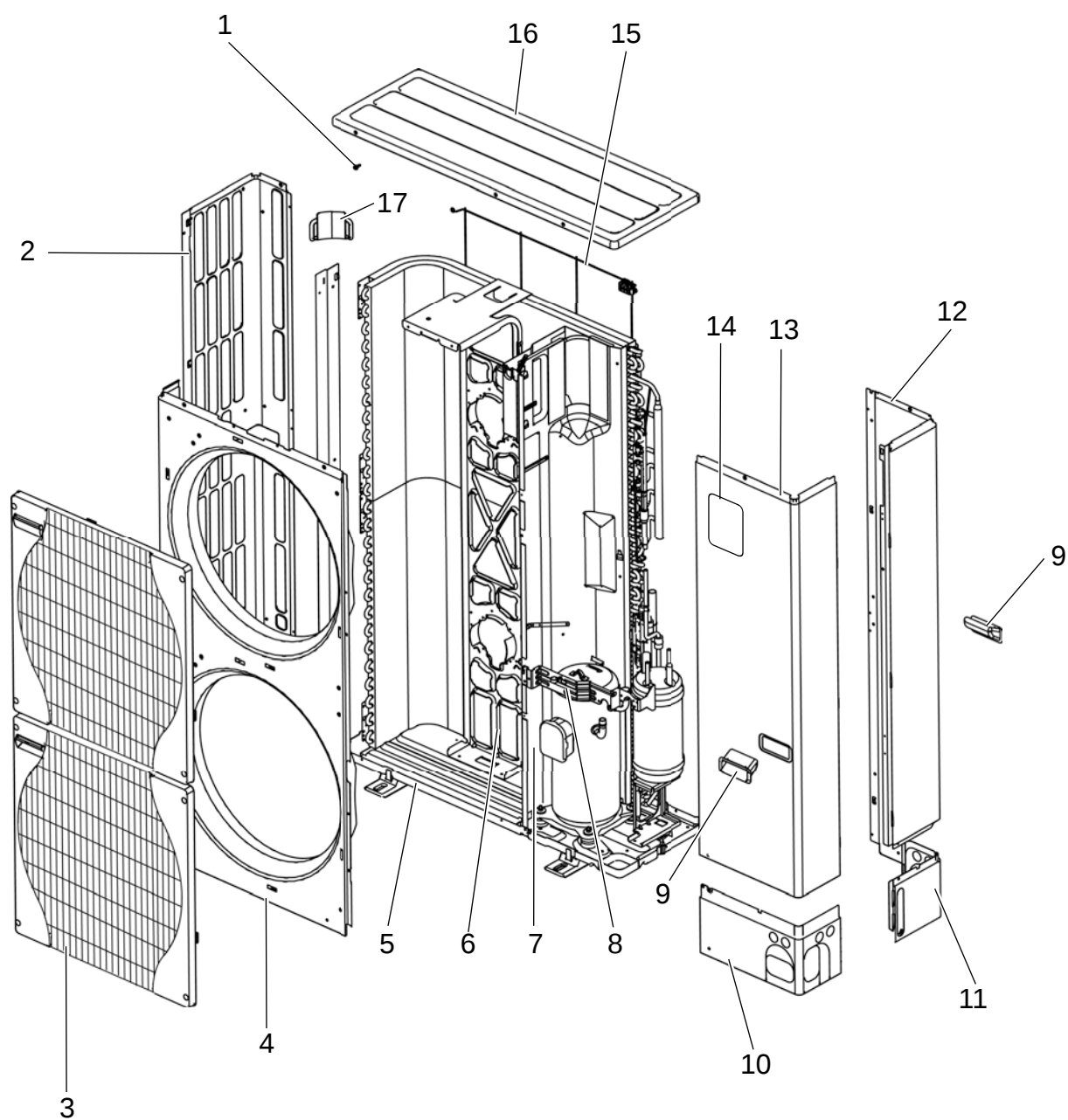
No.	RoHS	Part No.	Part Name	Specification	Q'ty/unit		Remarks (Drawing No.)	Wiring Diagram Symbol	Recom- mended Q'ty
					PUHZ-SW75VHA.UK	PUHZ-SW75VHA-BS.UK			
1	G	—	F.ST SCREW	(5×12)	33	33	(DG12F536H12-JP)		
2	G	S70 E13 662	SIDE PANEL (L)		1				
	G	S70 E14 662	SIDE PANEL (L)			1			
3	G	S70 E30 675	FAN GRILLE		1	1			
4	G	S70 E30 668	FRONT PANEL		1				
	G	S70 E50 668	FRONT PANEL			1			
5	G	S70 E11 686	BASE ASSY		1				
	G	S70 E12 686	BASE ASSY			1			
6	G	S70 E10 130	MOTOR SUPPORT		1				
	G	S70 E70 130	MOTOR SUPPORT			1			
7	G	—	SEPARATOR		1		(BK00C456G44)		
	G	—	SEPARATOR			1	(BK00C456G39)		
8	G	S71 0VB 001	VALVE BED ASSY		1	1			
9	G	S70 30L 655	HANDLE		2	2			
10	G	S70 E35 658	COVER PANEL (FRONT)		1				
	G	S70 E31 658	COVER PANEL (FRONT)			1			
11	G	S70 E40 658	COVER PANEL (REAR)		1				
	G	S70 E41 658	COVER PANEL (REAR)			1			
12	G	S70 E51 662	SIDE PANEL (R)		1				
	G	S70 E91 662	SIDE PANEL (R)			1			
13	G	S70 E50 661	SERVICE PANEL		1				
	G	S70 E70 661	SERVICE PANEL			1			
14	G	S70 E20 699	LABEL		1	1			
15	G	S70 E10 698	REAR GUARD		1	1			
16	G	S70 E20 641	TOP PANEL		1				
	G	S70 E30 641	TOP PANEL			1			
17	G	S70 E10 655	HANDLE		1	1			

RoHS PARTS LIST

STRUCTURAL PARTS

PUHZ-SW100VHA.UK
PUHZ-SW100VHA-BS.UK
PUHZ-SW120VHA.UK
PUHZ-SW120VHA-BS.UK
PUHZ-SW100YHA.UK
PUHZ-SW100YHA-BS.UK
PUHZ-SW120YHA.UK
PUHZ-SW120YHA-BS.UK

PUHZ-SW100YHAR1.UK
PUHZ-SW100YHAR1-BS.UK
PUHZ-SW120YHAR1.UK
PUHZ-SW120YHAR1-BS.UK



RoHS PARTS LIST

No.	RoHS	Part No.	Part Name	Specification	Q'ty/unit												Remarks (Drawing No.)	Wiring Diagram Symbol
					PUHZ-SW100VHA.UK	PUHZ-SW100VHA-BS.UK	PUHZ-SW120VHA.UK	PUHZ-SW120VHA-BS.UK	PUHZ-SW100YHA.UK	PUHZ-SW100YHA-BS.UK	PUHZ-SW120YHA.UK	PUHZ-SW120YHA-BS.UK	PUHZ-SW100YHAR1.UK	PUHZ-SW100YHAR1-BS.UK	PUHZ-SW120YHAR1.UK	PUHZ-SW120YHAR1-BS.UK		
1	G	—	F.ST SCREW	(5×12)	50	50	50	50	50	50	50	50	50	50	50	50	(DG12F536H12-JP)	
2	G	S70 E15 662	SIDE PANEL (L)		1		1		1		1		1		1			
	G	S70 E16 662	SIDE PANEL (L)			1		1		1		1		1		1		
3	G	S70 E30 675	FAN GRILLE		2	2	2	2	2	2	2	2	2	2	2	2		
4	G	S70 E40 668	FRONT PANEL		1		1		1		1		1		1			
	G	S70 E51 668	FRONT PANEL			1		1		1		1		1		1		
5	G	S70 E71 686	BASE ASSY		1		1		1		1		1		1			
	G	S70 E81 686	BASE ASSY			1		1		1		1		1		1		
6	G	S70 E20 130	MOTOR SUPPORT		1		1		1		1		1		1			
	G	S70 E80 130	MOTOR SUPPORT			1		1		1		1		1		1		
7	G	—	SEPARATOR		1		1										(BK00C456G53)	
	G	—	SEPARATOR						1		1		1		1		(BK00C456G57)	
	G	—	SEPARATOR			1		1									(BK00C456G54)	
	G	—	SEPARATOR							1		1		1		1	(BK00C456G58)	
8	G	S71 0VB 001	VALVE BED ASSY		1	1	1	1	1	1	1	1	1	1	1	1		
9	G	S70 30L 655	HANDLE		2	2	2	2	2	2	2	2	2	2	2	2		
10	G	S70 E35 658	COVER PANEL (FRONT)		1		1		1		1		1		1			
	G	S70 E31 658	COVER PANEL (FRONT)			1		1		1		1		1		1		
11	G	S70 E40 658	COVER PANEL (REAR)		1		1		1		1		1		1			
	G	S70 E41 658	COVER PANEL (REAR)			1		1		1		1		1		1		
12	G	S70 E80 662	SIDE PANEL (R)		1		1		1		1		1		1			
	G	S70 E90 662	SIDE PANEL (R)			1		1		1		1		1		1		
13	G	S70 E65 661	SERVICE PANEL		1		1		1		1		1		1			
	G	S70 E90 661	SERVICE PANEL			1		1		1		1		1		1		
14	G	S70 E20 699	LABEL		1	1	1	1	1	1	1	1	1	1	1	1		
15	G	S70 E20 698	REAR GUARD		2	2	2	2	2	2	2	2	2	2	2	2		
16	G	S70 E20 641	TOP PANEL		1		1		1		1		1		1			
	G	S70 E30 641	TOP PANEL			1		1		1		1		1		1		
17	G	S70 E10 655	HANDLE		1	1	1	1	1	1	1	1	1	1	1	1		

mitsubishi electric corporation

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Made in Japan

New publication, effective Jul. 2013
Specifications are subject to change without notice.