

July 2009
No.OCB415
REVISED EDITION-C

PARTS CATALOG

R410A

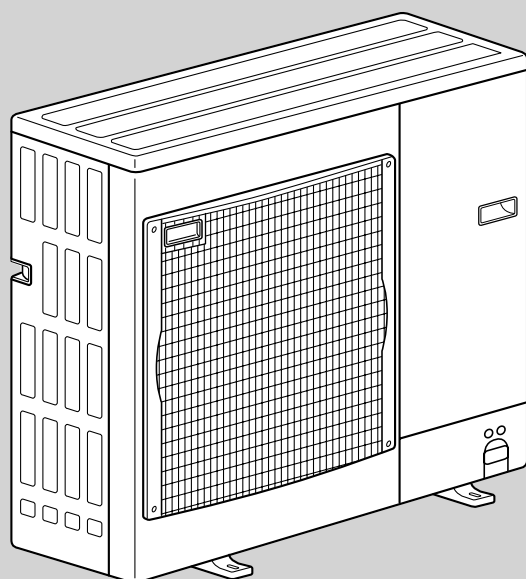
Outdoor unit
[model names]
PUHZ-P100VHA2
PUHZ-P125VHA2
PUHZ-P140VHA2
PUHZ-P100VHA3
PUHZ-P125VHA3
PUHZ-P140VHA3
[Service Ref.]
PUHZ-P100VHA2.UK
PUHZ-P125VHA2.UK
PUHZ-P125VHA2₁.UK
PUHZ-P140VHA2.UK
PUHZ-P140VHA2₁.UK
PUHZ-P100VHA3.UK
PUHZ-P100VHA3R1.UK
PUHZ-P125VHA3.UK
PUHZ-P125VHA3R1.UK
PUHZ-P140VHA3.UK
PUHZ-P140VHA3R1.UK
Revision:

- PUHZ-P100/125/140 VHA3R1.UK are added in REVISED EDITION-C.
- Some descriptions have been modified.

- Please void OCB415 REVISED EDITION-B.

Note:

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


PUHZ-P100VHA2.UK
PUHZ-P100VHA3.UK
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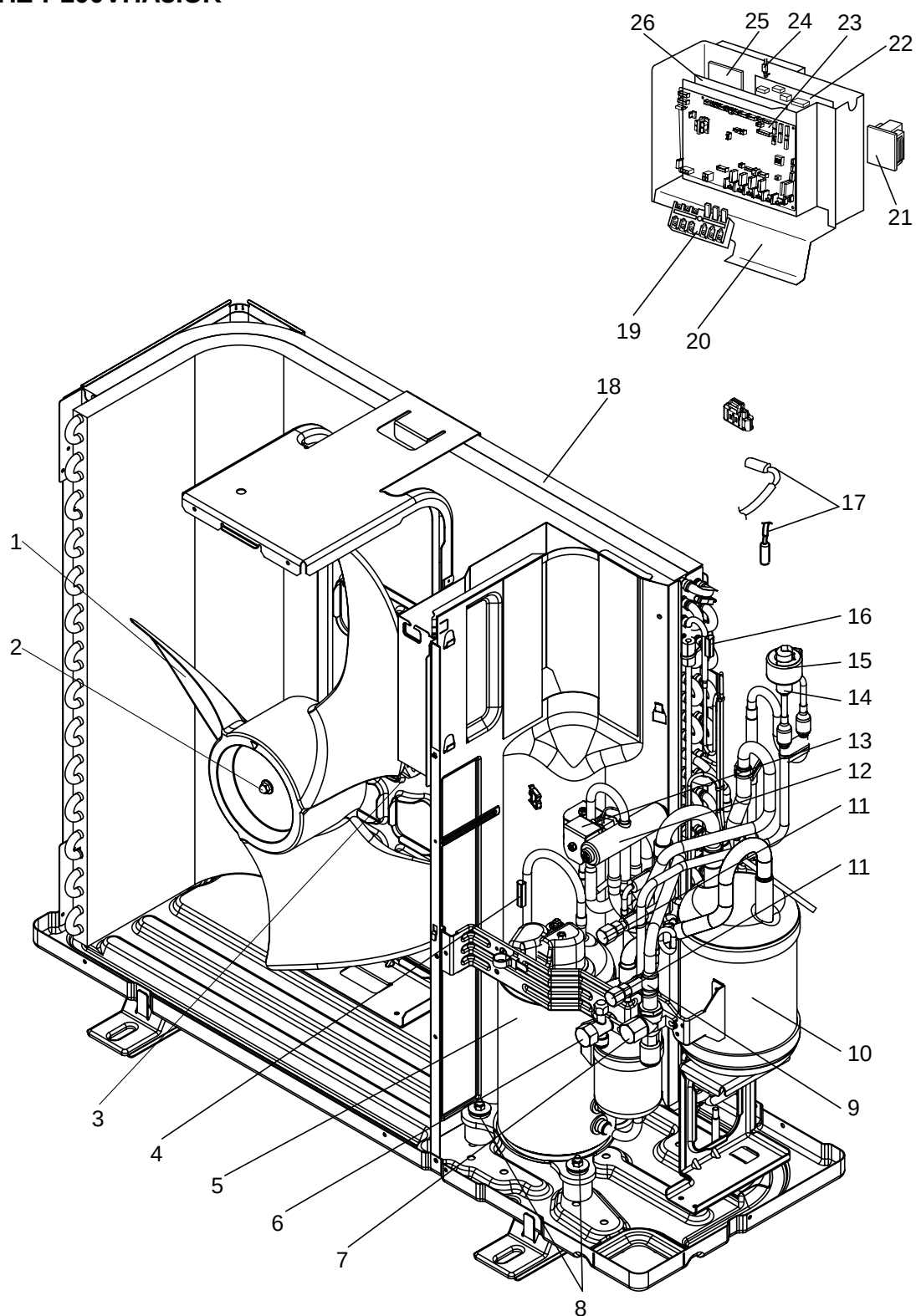
1. RoHS PARTS LIST.....	2
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SERVICE MANUAL (OCH415)
Mr.SLIM™

FUNCTIONAL PARTS

PUHZ-P100VHA2.UK

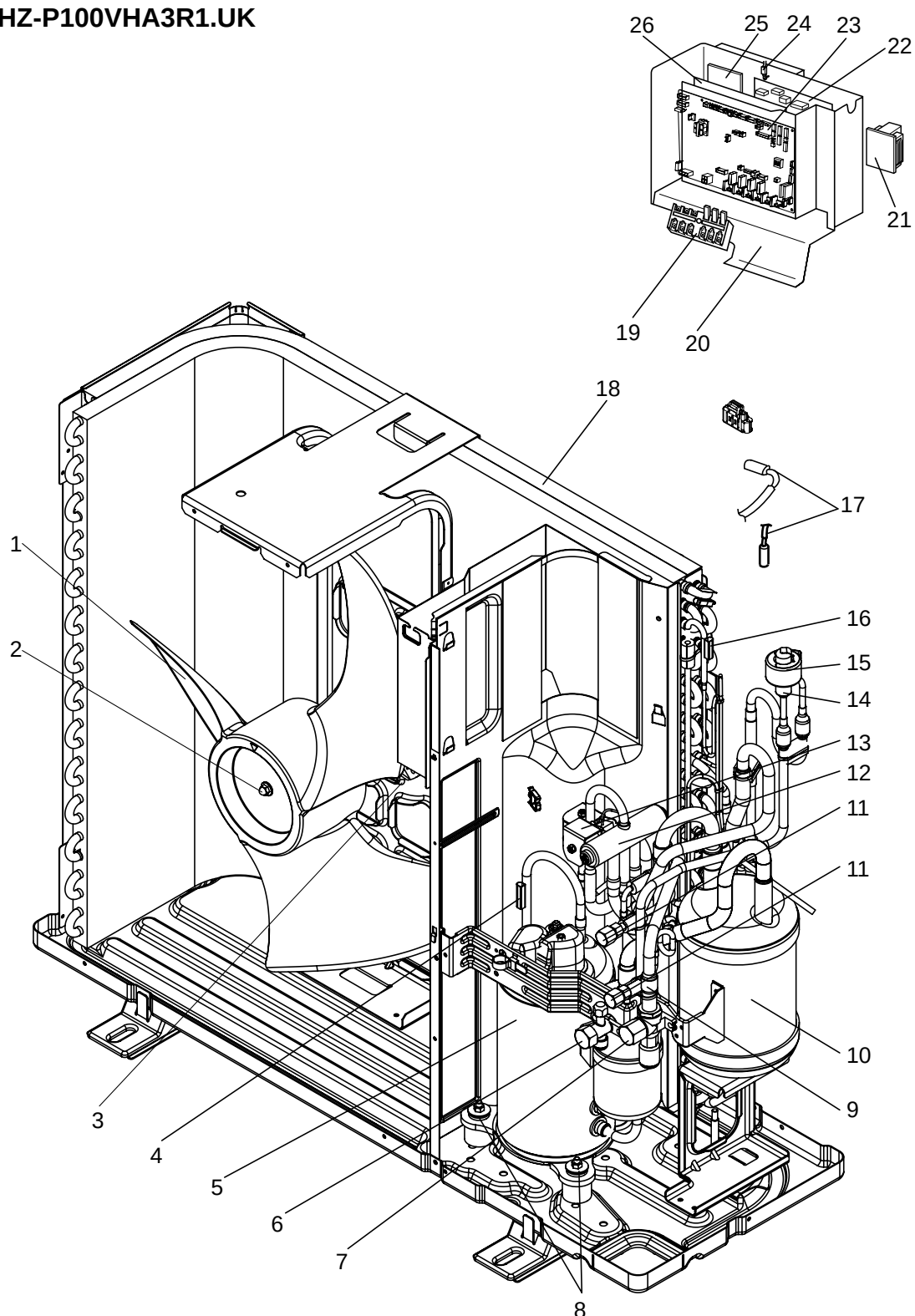
PUHZ-P100VHA3.UK



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

No.	RoHS	Part No.			Part Name	Specification	Q'ty/set		Remarks (Drawing No.)	Wiring Diagram Symbol	Recom- mended Q'ty
							PUHZ-P100				
							VHA2.UK	VHA3.UK			
1	G	S70	K04	115	PROPELLER FAN		1	1			
2	G	S70	K01	097	NUT		1	1			
3	G	S70	E10	763	FAN MOTOR		1	1		MF1	
4	G	S70	E33	202	THERMISTOR (DISCHARGE)		1	1		TH4	
5	G	S70	E41	400	COMPRESSOR	TNB220FLBM	1	1		MC	
6	G	S70	500	418	STOP VALVE	3/8	1	1			
7	G	S70	E07	411	STOP VALVE	5/8	1	1			
8	G	S70	E01	004	RUBBER MOUNT		3	3			
9	G	S70	36L	450	STRAINER	#50	1	1			
10	G	S70	E50	440	ACCUMULATOR		1	1			
11	G	S70	E02	413	CHARGE PLUG		2	2			
12	G	S70	E04	403	4-WAY VALVE		1	1			
13	G	S70	E01	242	SOLENOID VALVE COIL <4-WAY VALVE>		1	1		21S4	
14	G	S70	E80	401	EXPANSION VALVE		1	1			
15	G	S70	E81	402	LINEAR EXPANSION VALVE COIL		1	1		LEV(A)	
16	G	S70	E32	202	THERMISTOR (OUTDOOR PIPE)		1	1		TH3	
17	G	S70	E31	202	THERMISTOR (OUTDOOR 2-PHASE PIPE, OUTDOOR)		1	1		TH6,7	
18	G	S70	E50	408	HEAT EXCHANGER		1	1			
19	G	S70	E05	716	TERMINAL BLOCK	6P(L,N,Ⓢ,S1,S2,S3)	1	1		TB1	
20	G	S70	E10	316	CONTROL BOX ASSY		1				
	G	S70	E34	316	CONTROL BOX ASSY			1			
21	G	S70	K20	259	REACTOR		1	1		DCL	
22	G	S70	0B2	313	POWER CIRCUIT BOARD		1	1		P.B.	
23	G	S70	0B1	315	CONTROLLER CIRCUIT BOARD		1			C.B.	
	G	S70	0B5	315	CONTROLLER CIRCUIT BOARD			1		C.B.	
24	G	S70	E30	202	THERMISTOR (HEATSINK)		1	1		TH8	
25	G	S70	E20	233	ACTIVE FILTER MODULE		1	1		ACTM	
26	G	S70	E20	346	NOISE FILTER CIRCUIT BOARD		1	1		N.F.	
②⑦	G	S70	E10	208	HIGH PRESSURE SWITCH	OFF 4.14MPa	1	1		63H	
②⑧	G	S70	42H	467	MUFFLER		1	1			
②⑨	G	S70	E05	255	MAIN SMOOTHING CAPACITOR		1	1		CB	

FUNCTIONAL PARTS **PUHZ-P100VHA3R1.UK**



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

No.	RoHS	Part No.	Part Name	Specification	Q'ty/set	Remarks (Drawing No.)	Wiring Diagram Symbol	Recom- mended Q'ty
					PUHZ-P100			
					VHA3R1.UK			
1	G	S70 K04 115	PROPELLER FAN		1			
2	G	S70 K01 097	NUT		1			
3	G	S70 E10 763	FAN MOTOR		1		MF1	
4	G	S70 E33 202	THERMISTOR (DISCHARGE)		1		TH4	
5	G	S70 E41 400	COMPRESSOR	TNB220FLBM	1		MC	
6	G	S70 600 418	STOP VALVE	3/8	1			
7	G	S70 E07 411	STOP VALVE	5/8	1			
8	G	S70 E01 004	RUBBER MOUNT		3			
9	G	S70 36L 450	STRAINER	#50	1			
10	G	S70 E10 440	ACCUMULATOR		1			
11	G	S70 E02 413	CHARGE PLUG		2			
12	G	S70 E04 403	4-WAY VALVE		1			
13	G	S70 E01 242	SOLENOID VALVE COIL <4-WAY VALVE>		1		21S4	
14	G	S70 E80 401	EXPANSION VALVE		1			
15	G	S70 E81 402	LINEAR EXPANSION VALVE COIL		1		LEV(A)	
16	G	S70 E32 202	THERMISTOR (OUTDOOR PIPE)		1		TH3	
17	G	S70 E31 202	THERMISTOR (OUTDOOR 2-PHASE PIPE, OUTDOOR)		1		TH6,7	
18	G	S70 E50 408	HEAT EXCHANGER		1			
19	G	S70 E05 716	TERMINAL BLOCK	6P(L,N,Ⓢ,S1,S2,S3)	1		TB1	
20	G	S70 E34 316	CONTROL BOX ASSY		1			
21	G	S70 K20 259	REACTOR		1		DCL	
22	G	S70 0B2 313	POWER CIRCUIT BOARD		1		P.B.	
23	G	S70 0B5 315	CONTROLLER CIRCUIT BOARD		1		C.B.	
24	G	S70 E30 202	THERMISTOR (HEATSINK)		1		TH8	
25	G	S70 E20 233	ACTIVE FILTER MODULE		1		ACTM	
26	G	S70 E20 346	NOISE FILTER CIRCUIT BOARD		1		N.F.	
27	G	S70 E10 208	HIGH PRESSURE SWITCH	OFF 4.14MPa	1		63H	
28	G	S70 42H 467	MUFFLER		1			
29	G	S70 E05 255	MAIN SMOOTHING CAPACITOR		1		CB	

FUNCTIONAL PARTS

PUHZ-P125VHA2.UK

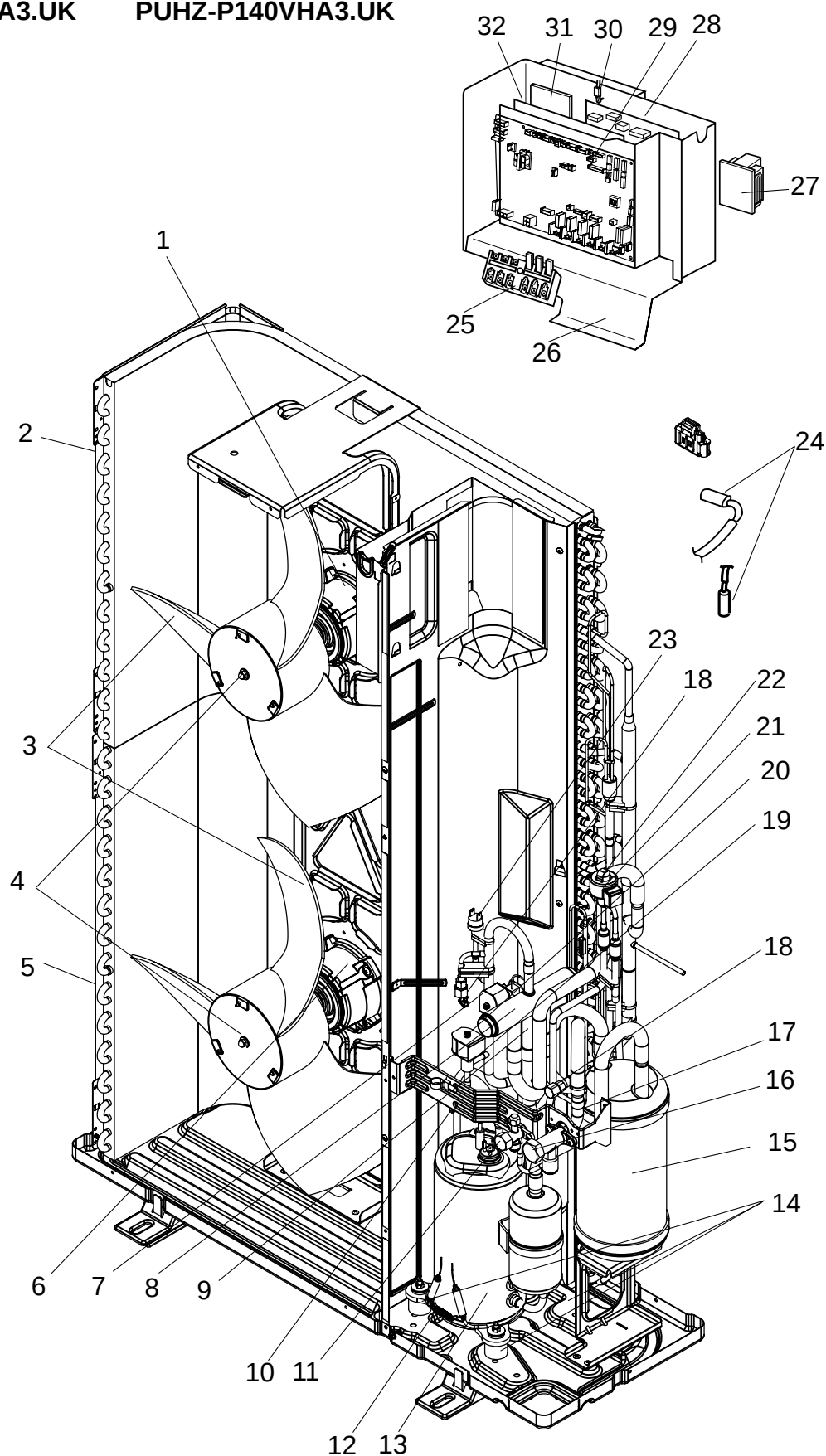
PUHZ-P125VHA2₁.UK

PUHZ-P125VHA3.UK

PUHZ-P140VHA2.UK

PUHZ-P140VHA2₁.UK

PUHZ-P140VHA3.UK





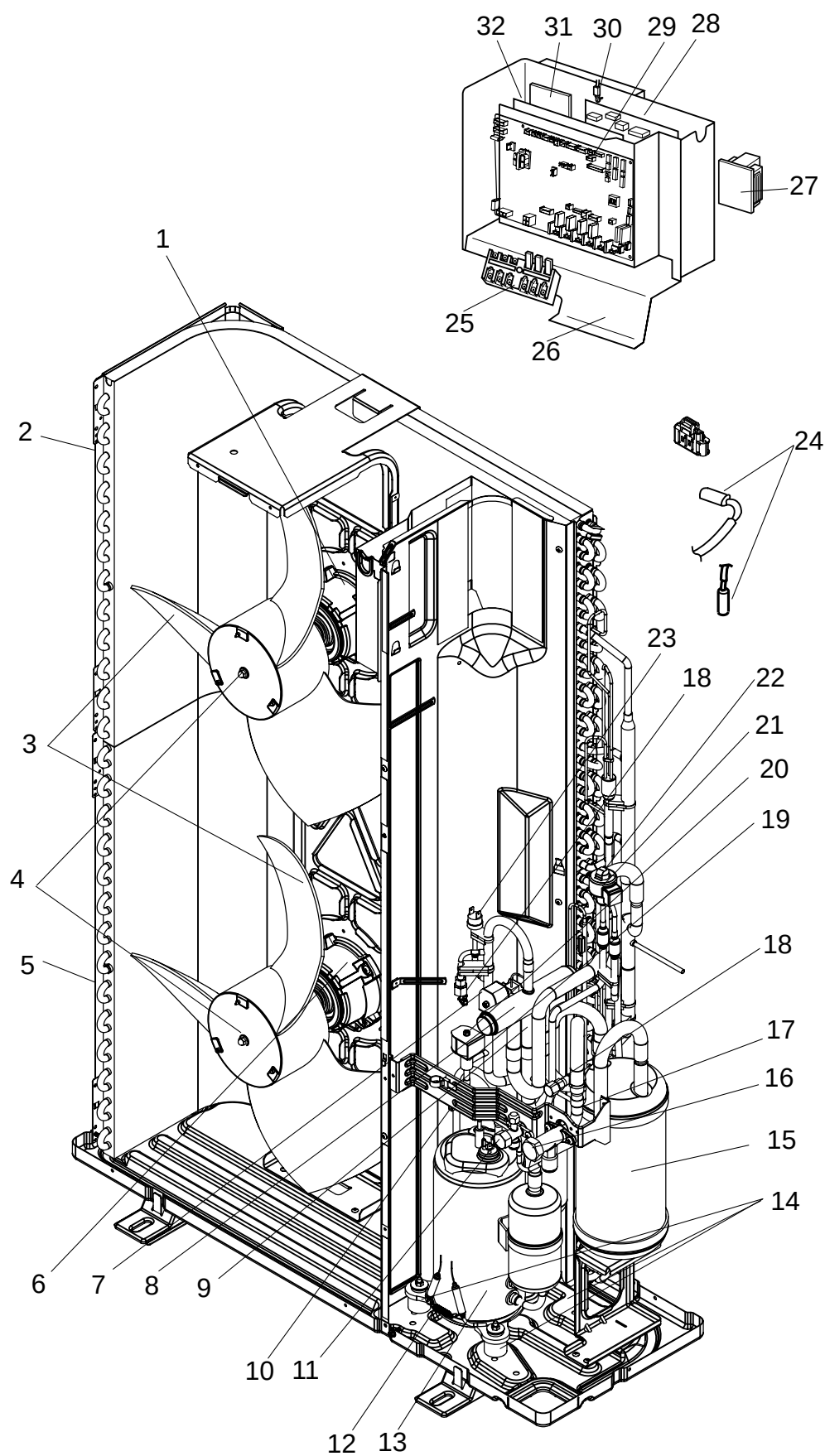
Part numbers that are circled are not shown in the figures.

No.	RoHS	Part No.			Part Name	Specification	Q'ty/set						Remarks (Drawing No.)	Wiring Diagram Symbol	Recom- mended Q'ty
							PUHZ-P								
							125	140	125	140	125	140			
							VHA2.UK		VHA2.1.UK		VHA3.UK				
1	G	S70	E10	763	FAN MOTOR		1	1	1	1	1	1		MF1	
2	G	S70	R80	408	HEAT EXCHANGER (TOP)		1	1	1	1	1	1			
3	G	S70	K04	115	PROPELLER FAN		2	2	2	2	2	2			
4	G	S70	K01	097	NUT		2	2	2	2	2	2			
5	G	S70	R90	408	HEAT EXCHANGER(UNDER)		1	1	1	1	1	1			
6	G	S70	E20	763	FAN MOTOR		1	1	1	1	1	1		MF2	
7	G	S70	E44	242	SOLENOID COIL <4-WAY VALVE>		1	1						21S4	
	G	S70	E55	242	SOLENOID COIL <4-WAY VALVE>				1	1	1	1		21S4	
8	G	S70	E03	403	4-WAY VALVE		1	1							
	G	S70	E05	403	4-WAY VALVE				1	1	1	1			
9	G	S70	42H	467	MUFFLER		1	1	1	1	1	1			
10	G	S70	E36	202	THERMISTOR (DISCHARGE)		1	1	1	1	1	1		TH4	
11	G	S70	500	418	STOP VALVE	3/8	1	1	1	1	1	1			
12	G	S70	0B4	236	CRANKCASE HEATER		1	1	1	1	1	1		CH	
13	G	S70	E42	400	COMPRESSOR	TNB306FPGM	1	1	1	1	1	1		MC	
14	G	S70	E01	004	RUBBER MOUNT		3	3	3	3	3	3			
15	G	S70	E60	440	ACCUMULATOR		1	1	1	1	1	1			
16	G	S70	E07	411	STOP VALVE	5/8	1	1	1	1	1	1			
17	G	S70	36L	450	STRAINER	#50	1	1	1	1	1	1			
18	G	S70	E02	413	CHARGE PLUG		2	2	2	2	2	2			
19	G	S70	282	403	BYPASS VALVE		1	1	1	1	1	1			
20	G	S70	451	242	BYPASS VALVE COIL		1	1	1	1	1	1		SV	
21	G	S70	E81	402	LEV COIL		1	1	1	1	1	1		LEV(A)	
22	G	S70	E90	401	EXPANSION VALVE		1	1	1	1	1	1			
23	G	S70	E10	208	HIGH PRESSURE SWITCH	OFF4.14MPa	1	1	1	1	1	1		63H	
24	G	S70	E31	202	THERMISTOR (OUTDOOR 2-PHASE PIPE, OUTDOOR)		1	1	1	1	1	1		TH6,7	
25	G	S70	E05	716	TERMINAL BLOCK	6P(L,N,⓪,S1,S2,S3)	1	1	1	1	1	1		TB1	
26	G	S70	E20	316	CONTROL BOX ASSY		1								
	G	S70	E30	316	CONTROL BOX ASSY			1							
	G	S70	E21	316	CONTROL BOX ASSY				1						
	G	S70	E31	316	CONTROL BOX ASSY					1					
	G	S70	E35	316	CONTROL BOX ASSY						1				
	G	S70	E36	316	CONTROL BOX ASSY							1			
27	G	S70	K20	259	REACTOR		1	1	1	1	1	1		DCL	
28	G	S70	0B3	313	POWER CIRCUIT BOARD		1	1	1	1	1	1		P.B.	
29	G	S70	0B1	315	CONTROLLER CIRCUIT BOARD		1	1	1	1				C.B.	
	G	S70	0B5	315	CONTROLLER CIRCUIT BOARD						1	1		C.B.	
30	G	S70	E30	202	THERMISTOR (HEATSINK)		1	1	1	1	1	1		TH8	
31	G	S70	E20	233	ACTIVE FILTER MODULE		1	1	1	1	1	1		ACTM	
32	G	S70	E20	346	NOISE FILTER CIRCUIT BOARD		1	1	1	1	1	1		N.F.	
33	G	S70	E37	202	THERMISTOR (OUTDOOR PIPE)		1	1	1	1	1	1		TH3	
34	G	S70	E05	255	MAIN SMOOTHING CAPACITOR		1	1	1	1	1	1		CB	

FUNCTIONAL PARTS

PUHZ-P125VHA3R1.UK

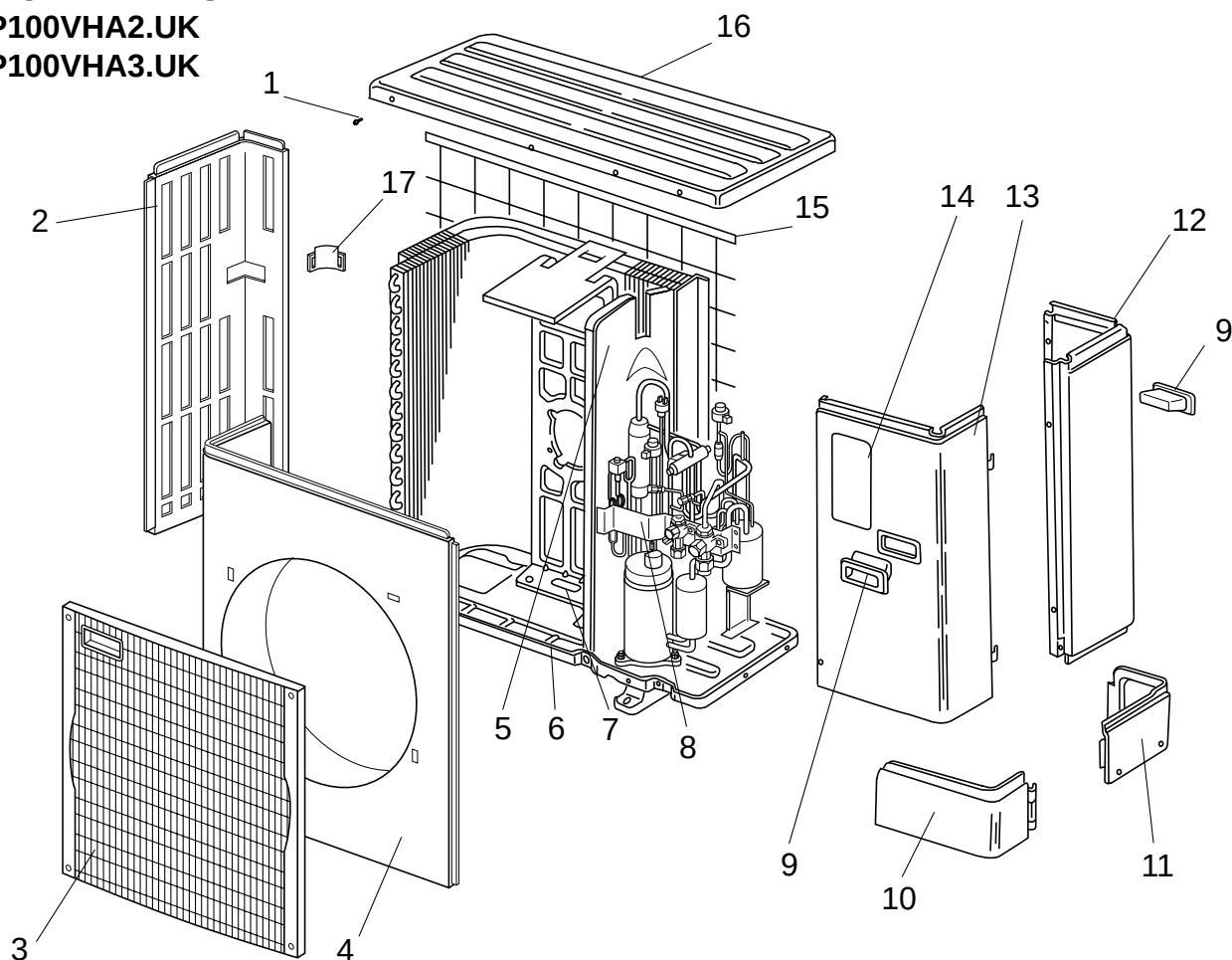
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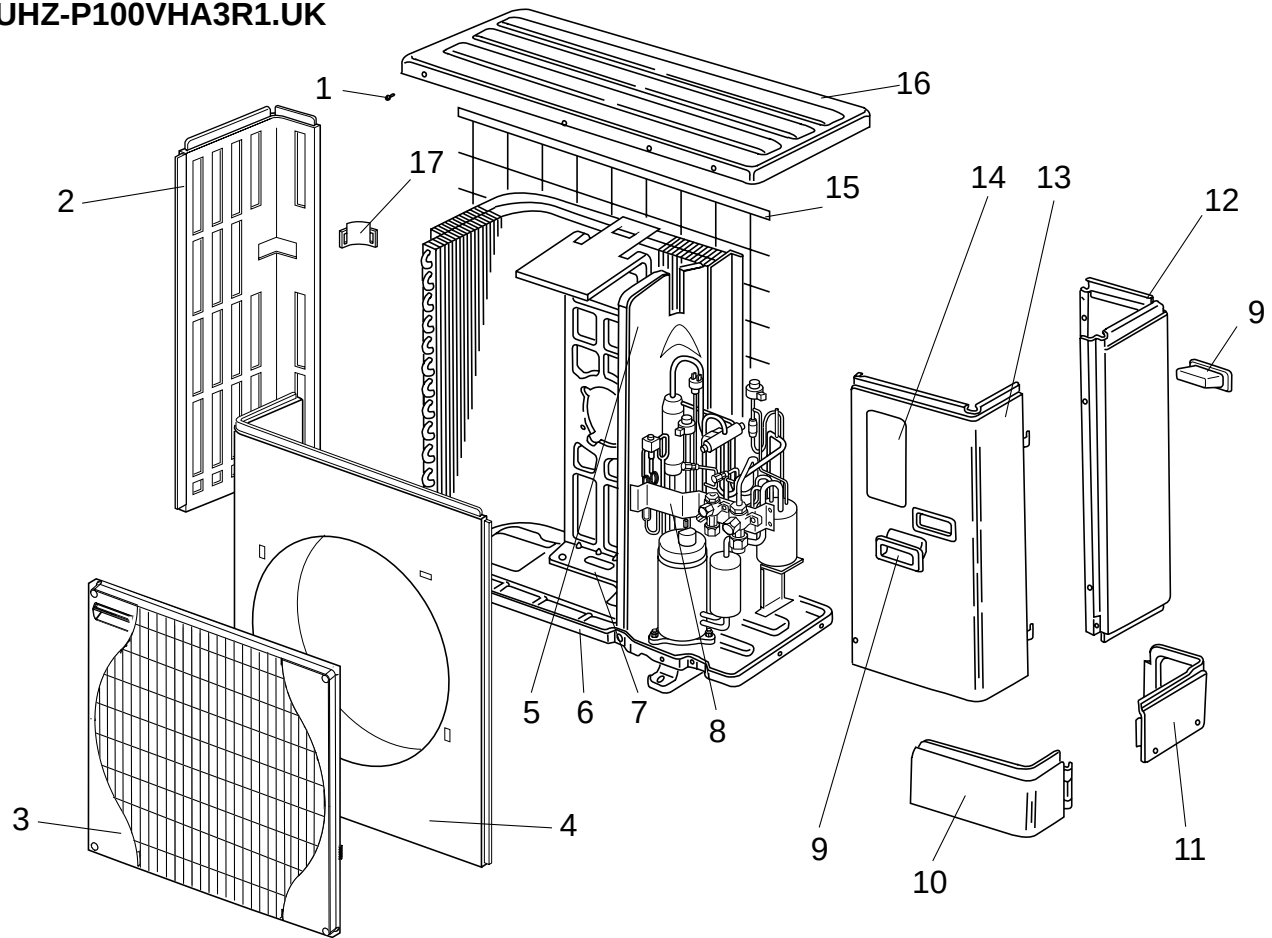
No.	RoHS	Part No.	Part Name	Specification	Q'ty/set		Remarks (Drawing No.)	Wiring Diagram Symbol	Recom- mended Q'ty
					PUHZ-P				
					125	140			
					VHA3R1.UK				
1	G	S70 E10 763	FAN MOTOR		1	1		MF1	
2	G	S70 R80 408	HEAT EXCHANGER (TOP)		1	1			
3	G	S70 K04 115	PROPELLER FAN		2	2			
4	G	S70 K01 097	NUT		2	2			
5	G	S70 R90 408	HEAT EXCHANGER (UNDER)		1	1			
6	G	S70 E20 763	FAN MOTOR		1	1		MF2	
7	G	S70 E55 242	SOLENOID COIL (4-WAY VALVE)		1	1		21S4	
8	G	S70 E05 403	4-WAY VALVE		1	1			
9	G	S70 42H 467	MUFFLER		1	1			
10	G	S70 E36 202	THERMISTOR (DISCHARGE)		1	1		TH4	
11	G	S70 600 418	STOP VALVE	3/8	1	1			
12	G	S70 0B4 236	CRANKCASE HEATER		1	1		CH	
13	G	S70 E42 400	COMPRESSOR	TNB306FPGM	1	1		MC	
14	G	S70 E01 004	RUBBER MOUNT		3	3			
15	G	S70 E11 440	ACCUMULATOR		1	1			
16	G	S70 E07 411	STOP VALVE	5/8	1	1			
17	G	S70 36L 450	STRAINER	#50	1	1			
18	G	S70 E02 413	CHARGE PLUG		2	2			
19	G	S70 282 403	BYPASS VALVE		1	1			
20	G	S70 451 242	BYPASS VALVE COIL		1	1		SV	
21	G	S70 E81 402	LEV COIL		1	1		LEV(A)	
22	G	S70 E90 401	EXPANSION VALVE		1	1			
23	G	S70 E10 208	HIGH PRESSURE SWITCH	OFF 4.14MPa	1	1		63H	
24	G	S70 E31 202	THERMISTOR (OUTDOOR 2-PHASE PIPE, OUTDOOR)		1	1		TH6,7	
25	G	S70 E05 716	TERMINAL BLOCK	6P(L,N,⊕S1,S2,S3)	1	1		TB1	
26	G	S70 E35 316	CONTROL BOX ASSY		1				
	G	S70 E36 316	CONTROL BOX ASSY			1			
27	G	S70 K20 259	REACTOR		1	1		DCL	
28	G	S70 0B3 313	POWER CIRCUIT BOARD		1	1		P.B.	
29	G	S70 0B5 315	CONTROLLER CIRCUIT BOARD		1	1		C.B.	
30	G	S70 E30 202	THERMISTOR (HEATSINK)		1	1		TH8	
31	G	S70 E20 233	ACTIVE FILTER MODULE		1	1		ACTM	
32	G	S70 E20 346	NOISE FILTER CIRCUIT BOARD		1	1		N.F.	
33	G	S70 E37 202	THERMISTOR (OUTDOOR PIPE)		1	1		TH3	
34	G	S70 E05 255	MAIN SMOOTHING CAPACITOR		1	1		CB	

STRUCTURAL PARTS
PUHZ-P100VHA2.UK
PUHZ-P100VHA3.UK



No.	RoHS	Part No.	Part Name	Specification	Q'ty/set		Remarks (Drawing No.)	Wiring Diagram Symbol	Recom- mended Q'ty
					PUHZ-P				
					100				
					VHA2.UK	VHA3.UK			
1	G	—	F.ST SCREW	(5×10)	31	31	(DG12F536H10)		
2	G	S70 E10 662	SIDE PANEL (L)		1	1			
3	G	S70 E20 675	FAN GRILLE		1	1			
4	G	S70 E10 668	FRONT PANEL		1	1			
5	G	—	SEPARATOR		1	1	(BK00C456G03)		
6	G	S70 E10 686	BASE ASSY		1	1			
7	G	S70 E10 130	MOTOR SUPPORT		1	1			
8	G	—	VALVE BED ASSY		1	1	(BK00C493G01)		
9	G	S70 30L 655	HANDLE		2	2			
10	G	S70 E10 658	COVER PANEL (FRONT)		1	1			
11	G	S70 E20 658	COVER PANEL (REAR)		1	1			
12	G	S70 E60 662	SIDE PANEL (R)		1	1			
13	G	S70 E30 661	SERVICE PANEL		1	1			
14	G	S70 E10 699	LABEL		1	1			
15	G	S70 E10 698	REAR GUARD		1	1			
16	G	S70 E10 641	TOP PANEL		1	1			
17	G	S70 E10 655	HANDLE		1	1			

STRUCTURAL PARTS PUHZ-P100VHA3R1.UK



No.	RoHS	Part No.	Part Name	Specification	Q'ty/set	Remarks (Drawing No.)	Wiring Diagram Symbol	Recom- mended Q'ty
					PUHZ-P			
					100 VHA3R1.UK			
1	G	—	F.ST SCREW	(5×10)	31	(DG12F536H10)		
2	G	S70 E11 662	SIDE PANEL (L)		1			
3	G	S70 E30 675	FAN GRILLE		1			
4	G	S70 E30 668	FRONT PANEL		1			
5	G	—	SEPARATOR		1	(BK00C456G13)		
6	G	S70 E11 686	BASE ASSY		1			
7	G	S70 E10 130	MOTOR SUPPORT		1			
8	G	S71 0VB 001	VALVE BED ASSY		1			
9	G	S70 30L 655	HANDLE		2			
10	G	S70 E30 658	COVER PANEL (FRONT)		1			
11	G	S70 E40 658	COVER PANEL (REAR)		1			
12	G	S70 E51 662	SIDE PANEL (R)		1			
13	G	S70 E50 661	SERVICE PANEL		1			
14	G	S70 E10 699	LABEL		1			
15	G	S70 E10 698	REAR GUARD		1			
16	G	S70 E20 641	TOP PANEL		1			
17	G	S70 E10 655	HANDLE		1			

STRUCTURAL PARTS

PUHZ-P125VHA2.UK

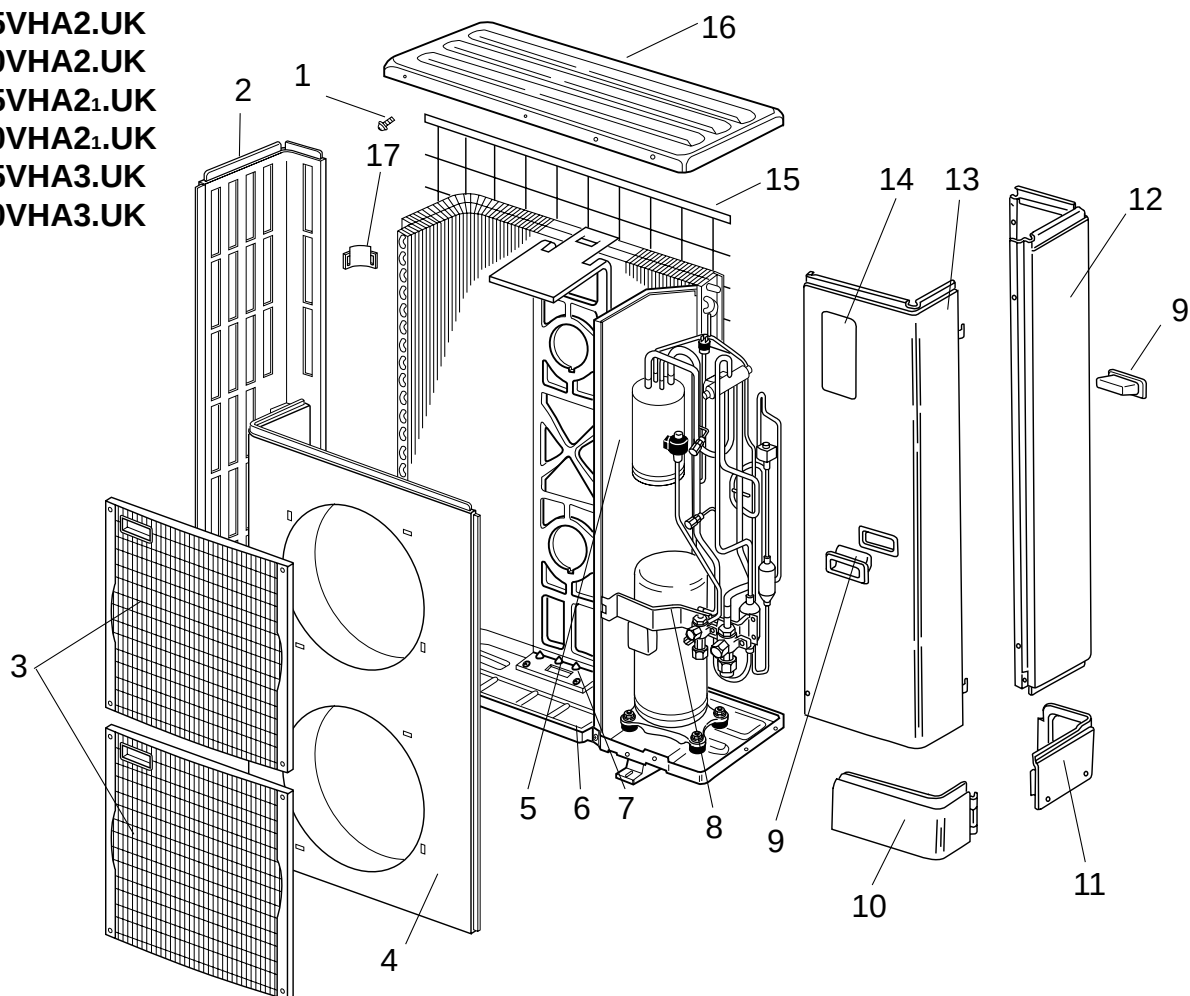
PUHZ-P140VHA2.UK

PUHZ-P125VHA2₁.UK

PUHZ-P140VHA2₁.UK

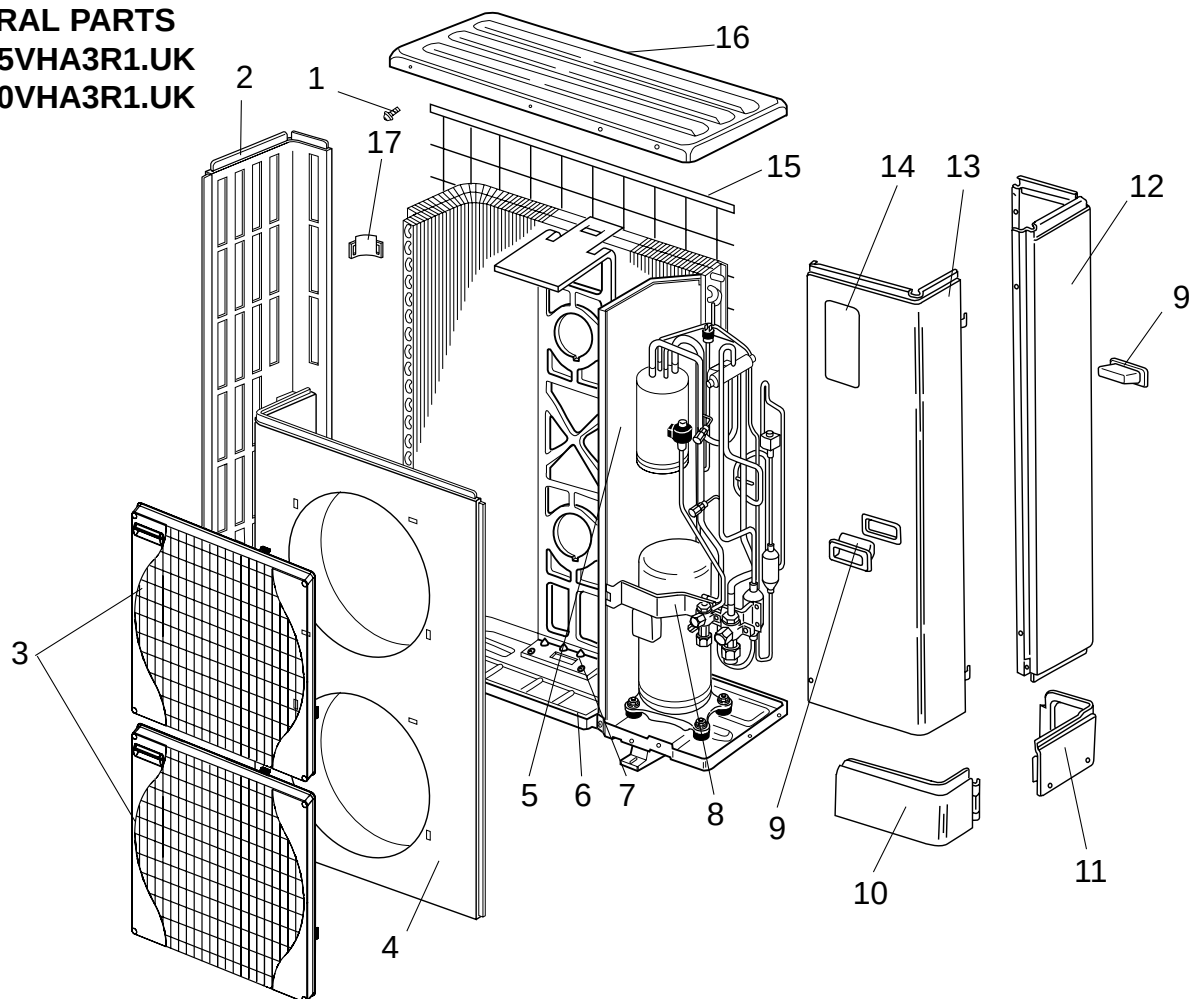
PUHZ-P125VHA3.UK

PUHZ-P140VHA3.UK



No.	RoHS	Part No.	Part Name	Specification	Q'ty/set		Remarks (Drawing No.)	Wiring Diagram Symbol	Recom- mended Q'ty
					PUHZ-P				
					125, 140				
					VHA2(1).UK	VHA3.UK			
1	G	—	F.ST SCREW	(5×10)	46	46	(DG12F536H10)		
2	G	S70 E20 662	SIDE PANEL (L)		1	1			
3	G	S70 E20 675	FAN GRILLE		2	2			
4	G	S70 E20 668	FRONT PANEL		1	1			
5	G	—	SEPARATOR		1	1	(BK00C456G06)		
6	G	S70 E10 686	BASE ASSY		1	1			
7	G	S70 E20 130	MOTOR SUPPORT		1	1			
8	G	—	VALVE BED ASSY		1	1	(BK00C493G01)		
9	G	S70 30L 655	HANDLE		2	2			
10	G	S70 E10 658	COVER PANEL (FRONT)		1	1			
11	G	S70 E20 658	COVER PANEL (REAR)		1	1			
12	G	S70 E50 662	SIDE PANEL (R)		1	1			
13	G	S70 E40 661	SERVICE PANEL		1	1			
14	G	S70 E10 699	LABEL		1	1			
15	G	S70 E20 698	REAR GUARD		2	2			
16	G	S70 E10 641	TOP PANEL		1	1			
17	G	S70 E10 655	HANDLE		1	1			

STRUCTURAL PARTS
PUHZ-P125VHA3R1.UK
PUHZ-P140VHA3R1.UK



No.	RoHS	Part No.	Part Name	Specification	Q'ty/set	Remarks (Drawing No.)	Wiring Diagram Symbol	Recom- mended Q'ty
					PUHZ-P			
					125, 140 VHA3R1.UK			
1	G	—	F.ST SCREW	(5×10)	46	(DG12F536H10)		
2	G	S70 E21 662	SIDE PANEL (L)		1			
3	G	S70 E30 675	FAN GRILLE		2			
4	G	S70 E40 668	FRONT PANEL		1			
5	G	—	SEPARATOR		1	(BK00C456G14)		
6	G	S70 E11 686	BASE ASSY		1			
7	G	S70 E20 130	MOTOR SUPPORT		1			
8	G	S71 0VB 001	VALVE BED ASSY		1			
9	G	S70 30L 655	HANDLE		2			
10	G	S70 E30 658	COVER PANEL (FRONT)		1			
11	G	S70 E40 658	COVER PANEL (REAR)		1			
12	G	S70 E61 662	SIDE PANEL (R)		1			
13	G	S70 E60 661	SERVICE PANEL		1			
14	G	S70 E10 699	LABEL		1			
15	G	S70 E20 698	REAR GUARD		2			
16	G	S70 E20 641	TOP PANEL		1			
17	G	S70 E10 655	HANDLE		1			





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New publication, effective Jul. 2009
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