

February 2008

 No.OCB415  
 REVISED EDITION-A

# PARTS CATALOG

**R410A**

 Outdoor unit  
 [model names]

[Service Ref.]

PUHZ-P100VHA2

**PUHZ-P100VHA2.UK**

PUHZ-P125VHA2

**PUHZ-P125VHA2.UK**
**PUHZ-P125VHA2<sub>1</sub>.UK**

PUHZ-P140VHA2

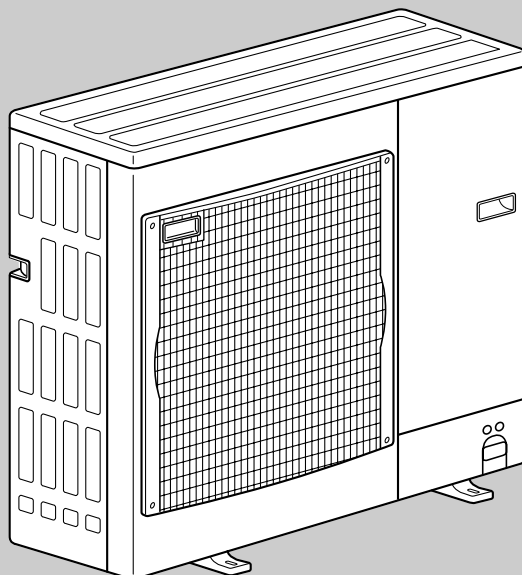
**PUHZ-P140VHA2.UK**
**PUHZ-P140VHA2<sub>1</sub>.UK**
**Revision:**

- PUHZ-P125/140VHA2<sub>1</sub>.UK are added in REVISED EDITION-A.
- Some descriptions have been modified.

- Please void OCB415.

**Note:**

- This manual describes only service data of the outdoor units.
- RoHS compliant products have <G> mark on the spec name plate.

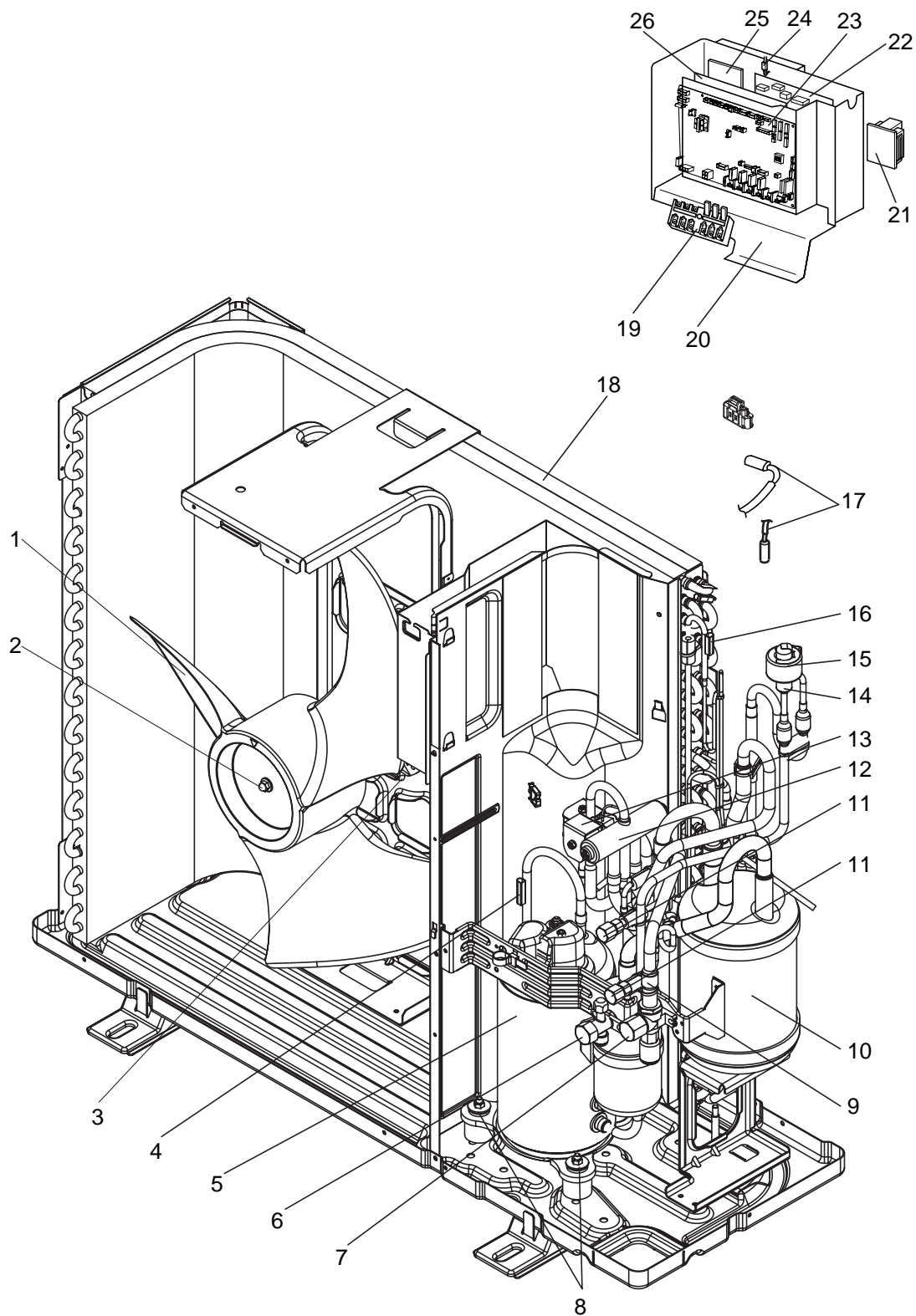


PUHZ-P100VHA2.UK

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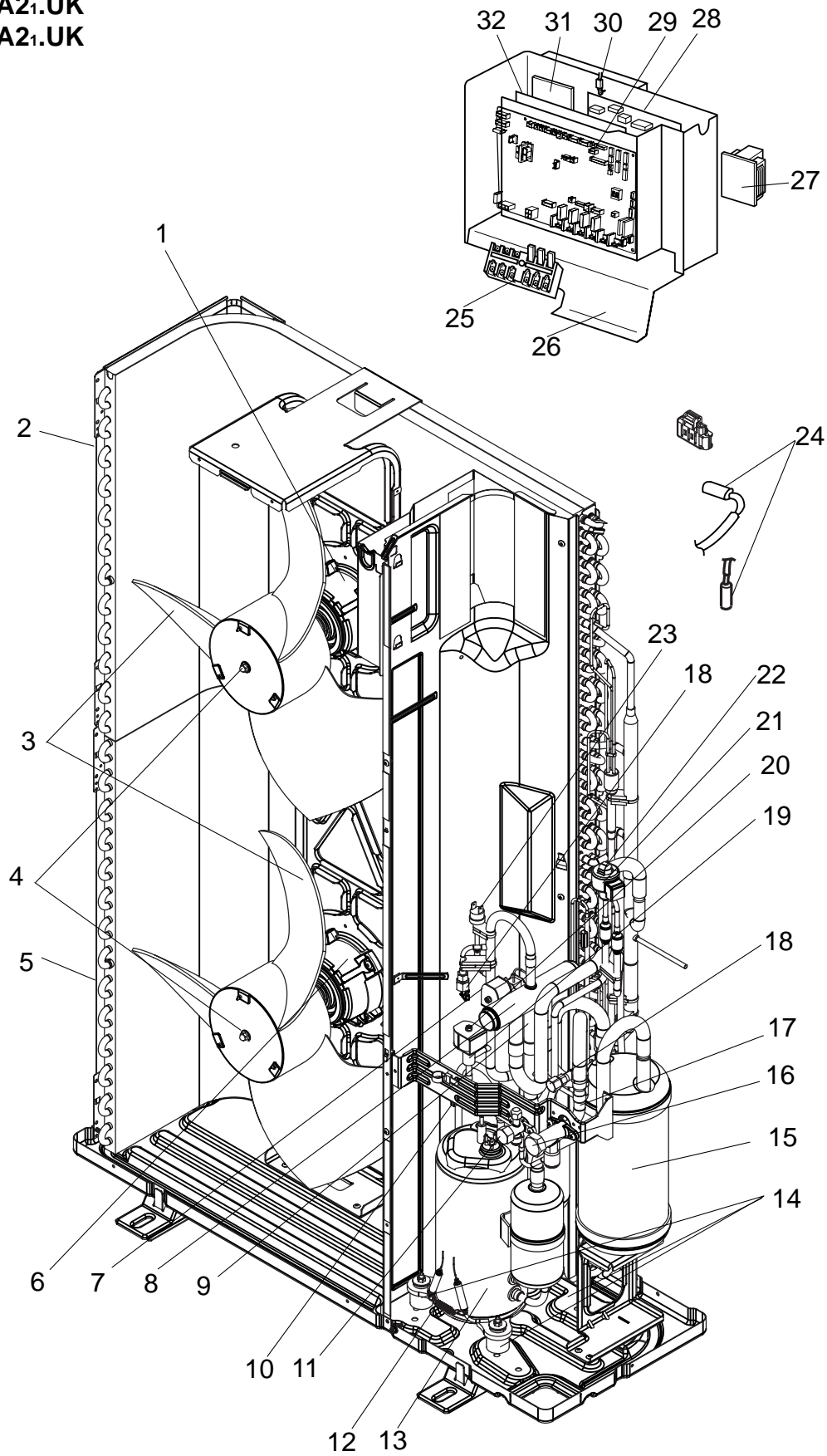
**SERVICE MANUAL (OCH415)**

FUNCTIONAL PARTS  
PUHZ-P100VHA2.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			
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	TNB220FLHMT		1		MC	
6	G	S70 500 418	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 E50 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 E10 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 0B1 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	

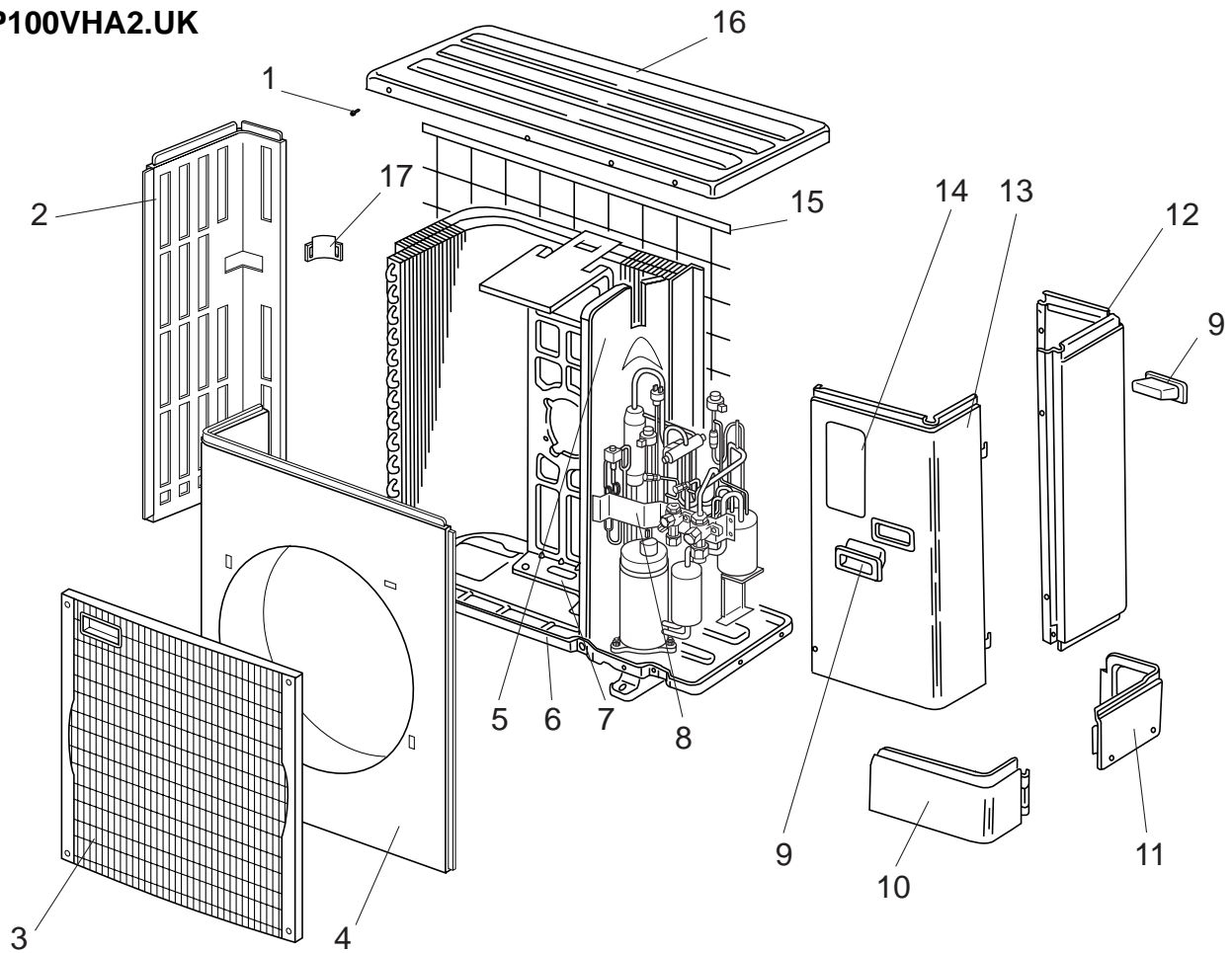
**FUNCTIONAL PARTS**  
**PUHZ-P125VHA2.UK**  
**PUHZ-P140VHA2.UK**  
**PUHZ-P125VHA2i.UK**  
**PUHZ-P140VHA2i.UK**



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

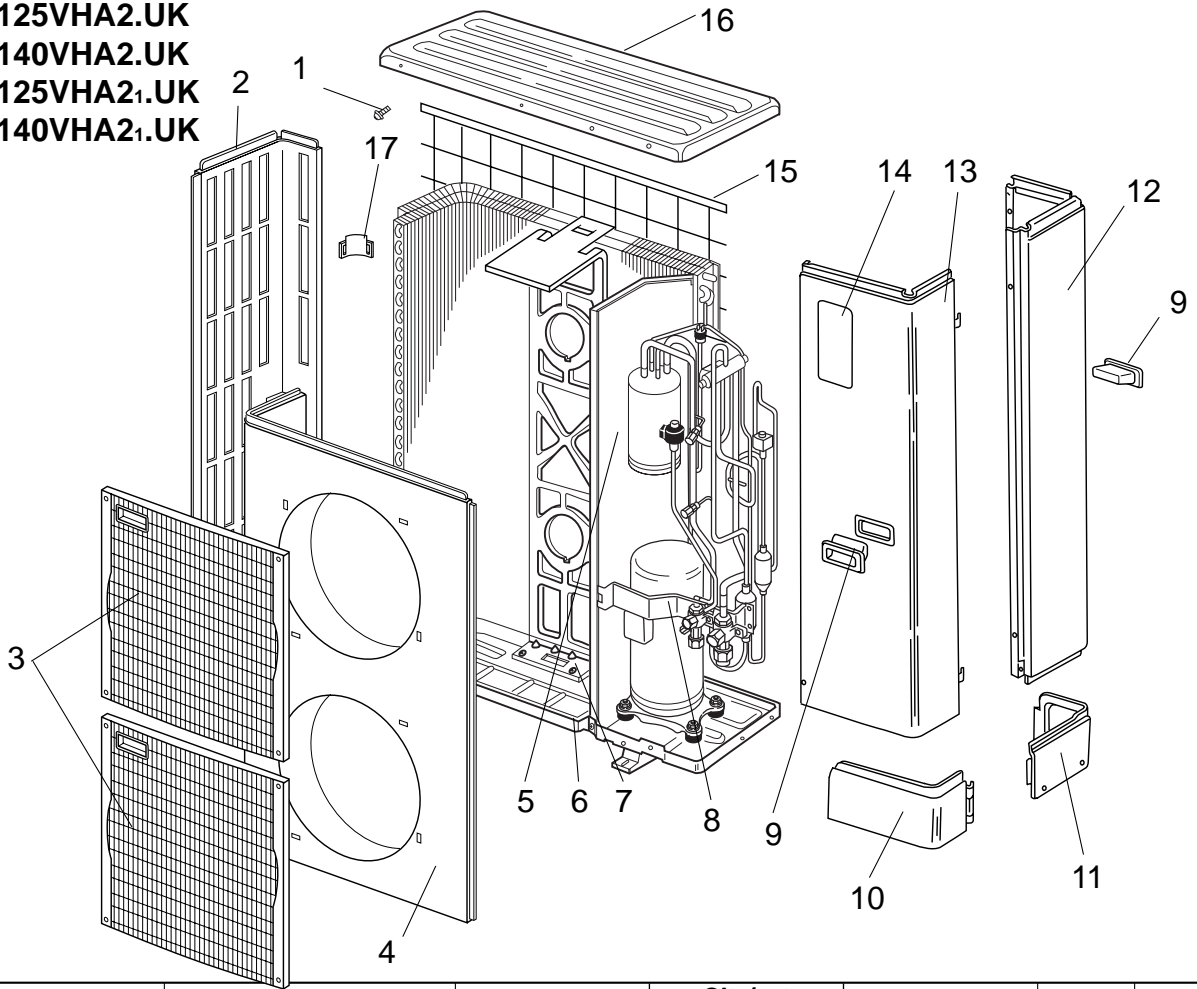
No.	RoHS	Part No.			Part Name	Specification	Q'ty/set				Remarks (Drawing No.)	Wiring Diagram Symbol	Recom- mended Q'ty
							PUHZ-P						
							125	140	125	140			
VHA2.UK		VHA2i.UK											
1	G	S70	E10	763	FAN MOTOR		1	1	1	1		MF1	
2	G	S70	R80	408	HEAT EXCHANGER(TOP)		1	1	1	1			
3	G	S70	K04	115	PROPELLER FAN		2	2	2	2			
4	G	S70	K01	097	NUT		2	2	2	2			
5	G	S70	R90	408	HEAT EXCHANGER(UNDER)		1	1	1	1			
6	G	S70	E20	763	FAN MOTOR		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		21S4	
8	G	S70	E03	403	4-WAY VALVE		1	1					
	G	S70	E05	403	4-WAY VALVE				1	1			
9	G	S70	42H	467	MUFFLER		1	1	1	1			
10	G	S70	E36	202	THERMISTOR (DISCHARGE)		1	1	1	1		TH4	
11	G	S70	500	418	STOP VALVE	3/8	1	1	1	1			
12	G	S70	0B4	236	CRANKCASE HEATER		1	1	1	1		CH	
13	G	S70	E42	400	COMPRESSOR	TNB306FPGM	1	1	1	1		MC	
14	G	S70	E01	004	RUBBER MOUNT		3	3	3	3			
15	G	S70	E60	440	ACCUMULATOR		1	1	1	1			
16	G	S70	E07	411	STOP VALVE	5/8	1	1	1	1			
17	G	S70	36L	450	STRAINER	#50	1	1	1	1			
18	G	S70	E02	413	CHARGE PLUG		2	2	2	2			
19	G	S70	282	403	BYPASS VALVE		1	1	1	1			
20	G	S70	451	242	BYPASS VALVE COIL		1	1	1	1		SV	
21	G	S70	E81	402	LEV COIL		1	1	1	1		LEV(A)	
22	G	S70	E90	401	EXPANSION VALVE		1	1	1	1			
23	G	S70	E10	208	HIGH PRESSURE SWITCH	OFF4.14MPa	1	1	1	1		63H	
24	G	S70	E31	202	THERMISTOR (OUTDOOR 2-PHASE PIPE, OUTDOOR)		1	1	1	1		TH6,7	
25	G	S70	E05	716	TERMINAL BLOCK	6P(L,N,⊙,S1,S2,S3)	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			
27	G	S70	K20	259	REACTOR		1	1	1	1		DCL	
28	G	S70	0B3	313	POWER CIRCUIT BOARD		1	1	1	1		P.B.	
29	G	S70	0B1	315	CONTROLLER CIRCUIT BOARD		1	1	1	1		C.B.	
30	G	S70	E30	202	THERMISTOR (HEATSINK)		1	1	1	1		TH8	
31	G	S70	E20	233	ACTIVE FILTER MODULE		1	1	1	1		ACTM	
32	G	S70	E20	346	NOISE FILTER CIRCUIT BOARD		1	1	1	1		N.F.	
33	G	S70	E37	202	THERMISTOR (OUTDOOR PIPE)		1	1	1	1		TH3	
34	G	S70	E05	255	MAIN SMOOTHING CAPACITOR		1	1	1	1		CB	

**STRUCTURAL PARTS  
PUHZ-P100VHA2.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			
1	G	—	F.ST SCREW	(5X10)	31	(DG12F536H10)		
2	G	S70 E10 662	SIDE PANEL (L)		1			
3	G	S70 E20 675	FAN GRILLE		1			
4	G	S70 E10 668	FRONT PANEL		1			
5	G	—	SEPARATOR		1	(BK00C456G03)		
6	G	S70 E10 686	BASE ASSY		1			
7	G	S70 E10 130	MOTOR SUPPORT		1			
8	G	—	VALVE BED ASSY		1	(BK00C493G01)		
9	G	S70 30L 655	HANDLE		2			
10	G	S70 E10 658	COVER PANEL (FRONT)		1			
11	G	S70 E20 658	COVER PANEL (REAR)		1			
12	G	S70 E60 662	SIDE PANEL (R)		1			
13	G	S70 E30 661	SERVICE PANEL		1			
14	G	S70 E10 699	LABEL		1			
15	G	S70 E10 698	REAR GUARD		1			
16	G	S70 E10 641	TOP PANEL		1			
17	G	S70 E10 655	HANDLE		1			

**STRUCTURAL PARTS**  
**PUHZ-P125VHA2.UK**  
**PUHZ-P140VHA2.UK**  
**PUHZ-P125VHA2i.UK**  
**PUHZ-P140VHA2i.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 <sup>(i)</sup> .UK			
1	G	—	F.ST SCREW	(5×10)	46		(DG12F536H10)		
2	G	S70 E20 662	SIDE PANEL (L)		1				
3	G	S70 E20 675	FAN GRILLE		2				
4	G	S70 E20 668	FRONT PANEL		1				
5	G	—	SEPARATOR		1		(BK00C456G06)		
6	G	S70 E10 686	BASE ASSY		1				
7	G	S70 E20 130	MOTOR SUPPORT		1				
8	G	—	VALVE BED ASSY		1		(BK00C493G01)		
9	G	S70 30L 655	HANDLE		2				
10	G	S70 E10 658	COVER PANEL (FRONT)		1				
11	G	S70 E20 658	COVER PANEL (REAR)		1				
12	G	S70 E50 662	SIDE PANEL (R)		1				
13	G	S70 E40 661	SERVICE PANEL		1				
14	G	S70 E10 699	LABEL		1				
15	G	S70 E20 698	REAR GUARD		2				
16	G	S70 E10 641	TOP PANEL		1				
17	G	S70 E10 655	HANDLE		1				

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