MITSUBISHI ELECTRIC

SPLIT-TYPE, HEAT PUMP AIR CONDITIONERS

July 2020

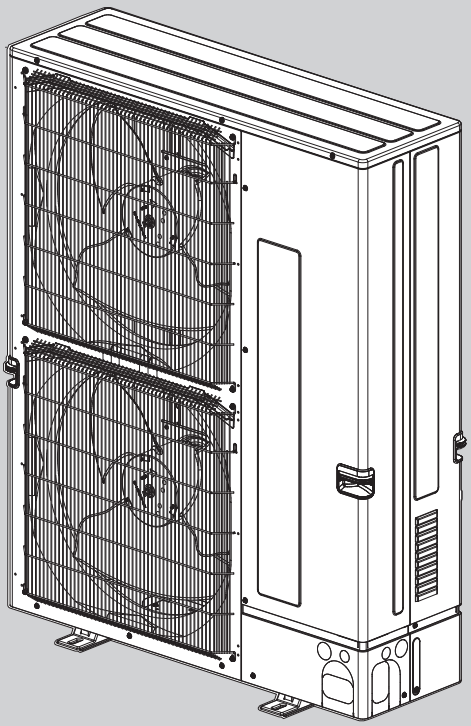
No. OCB568
REVISED EDITION-F

PARTS CATALOG R410A

Outdoor unit [Model Name]	[Service Ref.]
PUHZ-ZRP100VKA2	PUHZ-ZRP100VKA2.UK
PUHZ-ZRP125VKA2	PUHZ-ZRP125VKA2.UK
PUHZ-ZRP140VKA2	PUHZ-ZRP140VKA2.UK
PUHZ-ZRP100YKA2	PUHZ-ZRP100YKA2.UK
PUHZ-ZRP125YKA2	PUHZ-ZRP125YKA2.UK
PUHZ-ZRP140YKA2	PUHZ-ZRP140YKA2.UK
PUHZ-ZRP200YKA	PUHZ-ZRP200YKA.UK
	PUHZ-ZRP200YKAR1.UK
PUHZ-ZRP250YKA	PUHZ-ZRP250YKA.UK
	PUHZ-ZRP250YKAR1.UK

Revision:
- Some descriptions have been modified in REVISED EDITION-F.

- Please void OCB568 REVISED EDITION-E.



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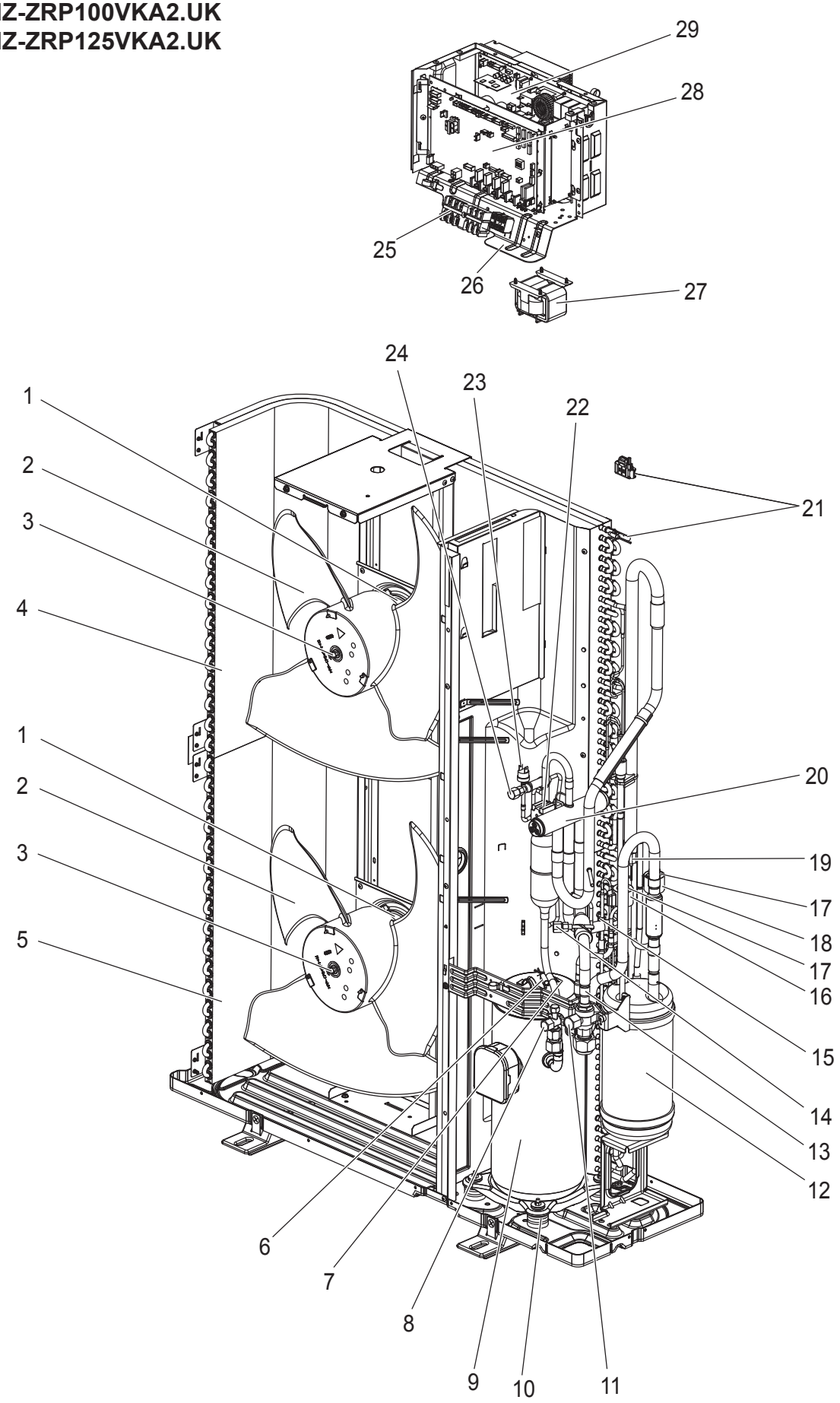
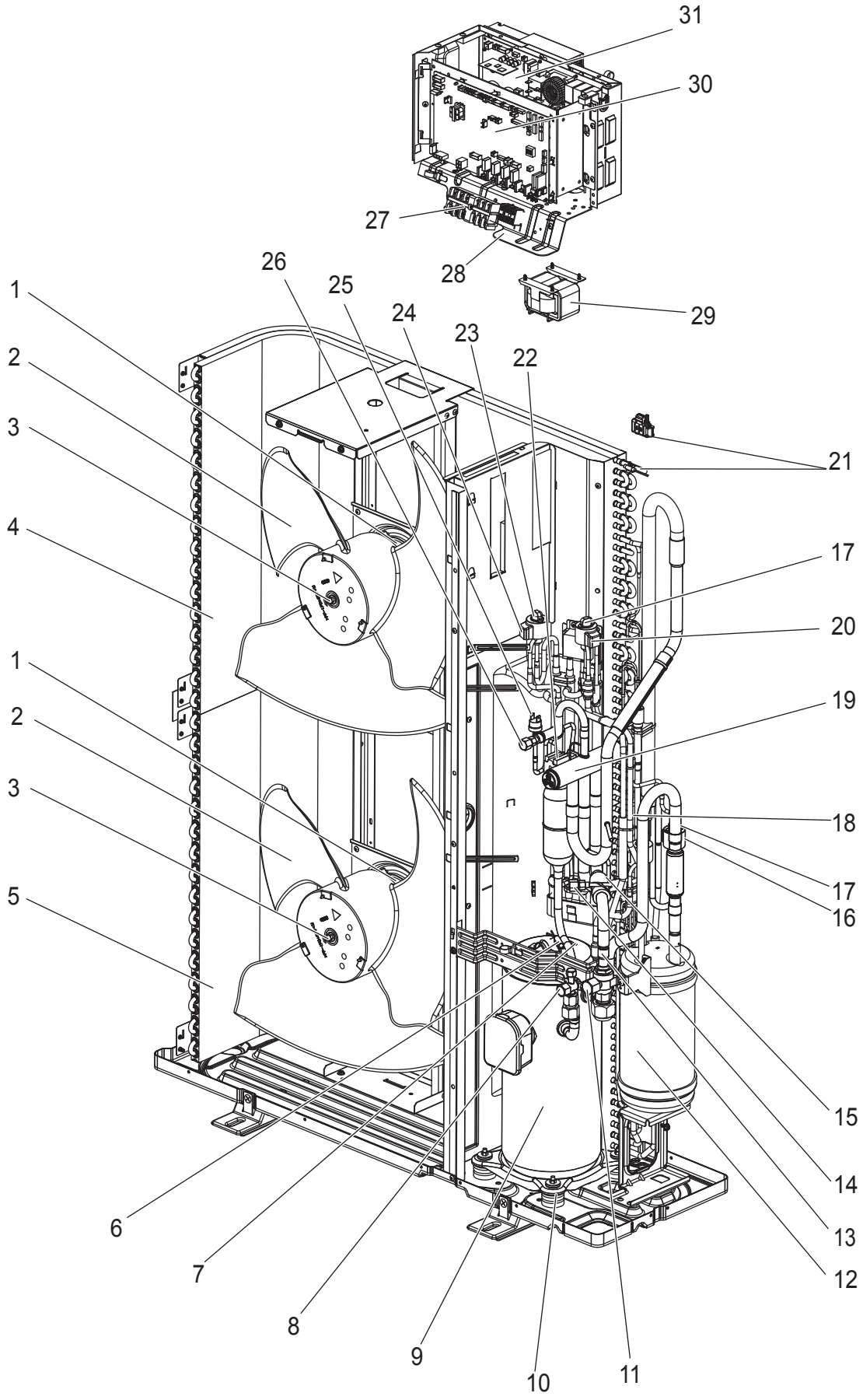
FUNCTIONAL AND ELECTRICAL PARTS
PUHZ-ZRP100VKA2.UK
PUHZ-ZRP125VKA2.UK



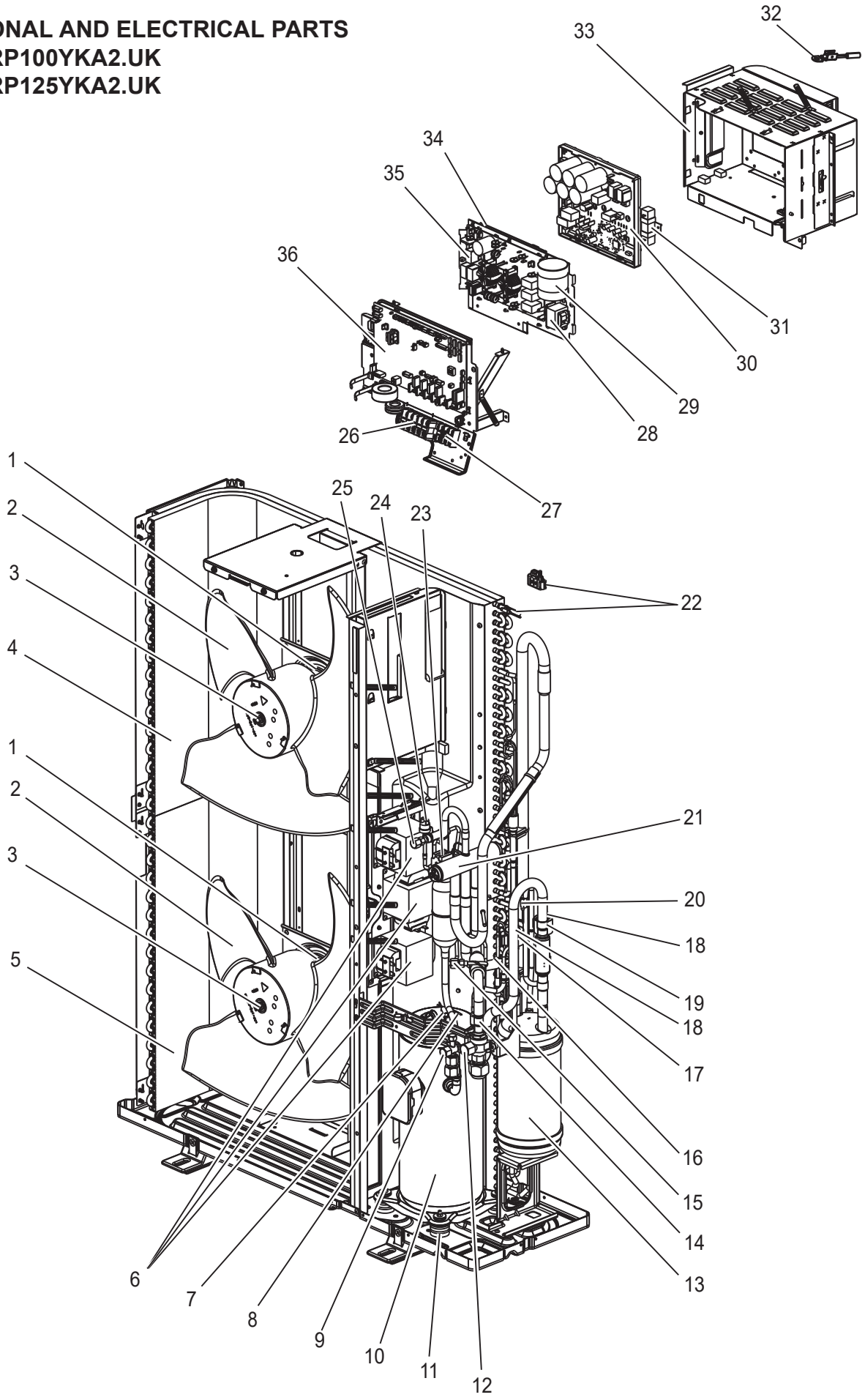
No.	Parts No.	Parts Name	Specification	Q'ty/unit		Remarks (Drawing No.)	Wiring Diagram Symbol
				PUHZ-ZRP100VKA2.UK	PUHZ-ZRP125VKA2.UK		
1	S70 E80 763	FAN MOTOR		2	2		MF1,2
2	S70 E50 115	PROPELLER FAN		2	2		
3	S70 K01 097	NUT		2	2		
4	S70 E30 408	HEAT EXCHANGER (TOP)		1	1		
5	S70 E35 408H	HEAT EXCHANGER (UNDER)		1	1		
6	S70 E57 202	THERMISTOR	Discharge	1	1		TH4
7	S70 E46 202	THERMISTOR	Comp. surface	1	1		TH32
8	S70 600 418	STOP VALVE (LIQUID)	3/8	1	1		
9	S70 E30 400	COMPRESSOR	ANB33FNFMT	1	1		MC
10	S70 E02 004	RUBBER MOUNT		4	4		
11	S70 E06 411	BALL VALVE (GAS)	5/8	1	1		
12	S70 E75 440H	POWER RECEIVER		1	1		
13	S70 36L 450	STRAINER	50#	1	1		
14	S70 E02 413	CHARGE PLUG		1	1		
15	S70 E58 202	THERMISTOR	Liquid	1	1		TH3
16	S70 E60 402	LEV COIL	UKV-A296	1	1	CONNECTOR: RED	LEV-B
17	S70 E90 401	EXPANSION VALVE	UKV-25D36	2	2		
18	S70 E50 402	LEV COIL	UKV-A295	1	1	CONNECTOR: WHITE	LEV-A
19	S70 E68 202	THERMISTOR	Refrigerant check	1	1		TH33
20	S70 E05 403	4-WAY VALVE		1	1		
21	S70 E31 202	THERMISTOR	Ambient, 2-phase pipe	1	1		TH6,7
22	S70 E66 242	SOLENOID COIL <4-WAY VALVE>		1	1		21S4
23	S70 E10 208H	HIGH PRESSURE SWITCH	Off 4.1 MPA	1	1		63H
24	S70 E03 413	CHARGE PLUG		1	1		
25	S70 C20 515	TERMINAL BLOCK	6P (L,N,⏚,S1,S2,S3)	1	1		TB1
26	S70 E91 316	COMPLETE CONTROL BOX ASSY		1			
	S70 E92 316	COMPLETE CONTROL BOX ASSY			1		
27	S70 K21 259	REACTOR	0.5 MH	1	1		DCL
28	S70 E60 315	CONTROLLER CIRCUIT BOARD		1	1		C.B.
29	S70 E25 313	POWER CIRCUIT BOARD		1	1		P.B.

FUNCTIONAL AND ELECTRICAL PARTS
PUHZ-ZRP140VKA2.UK



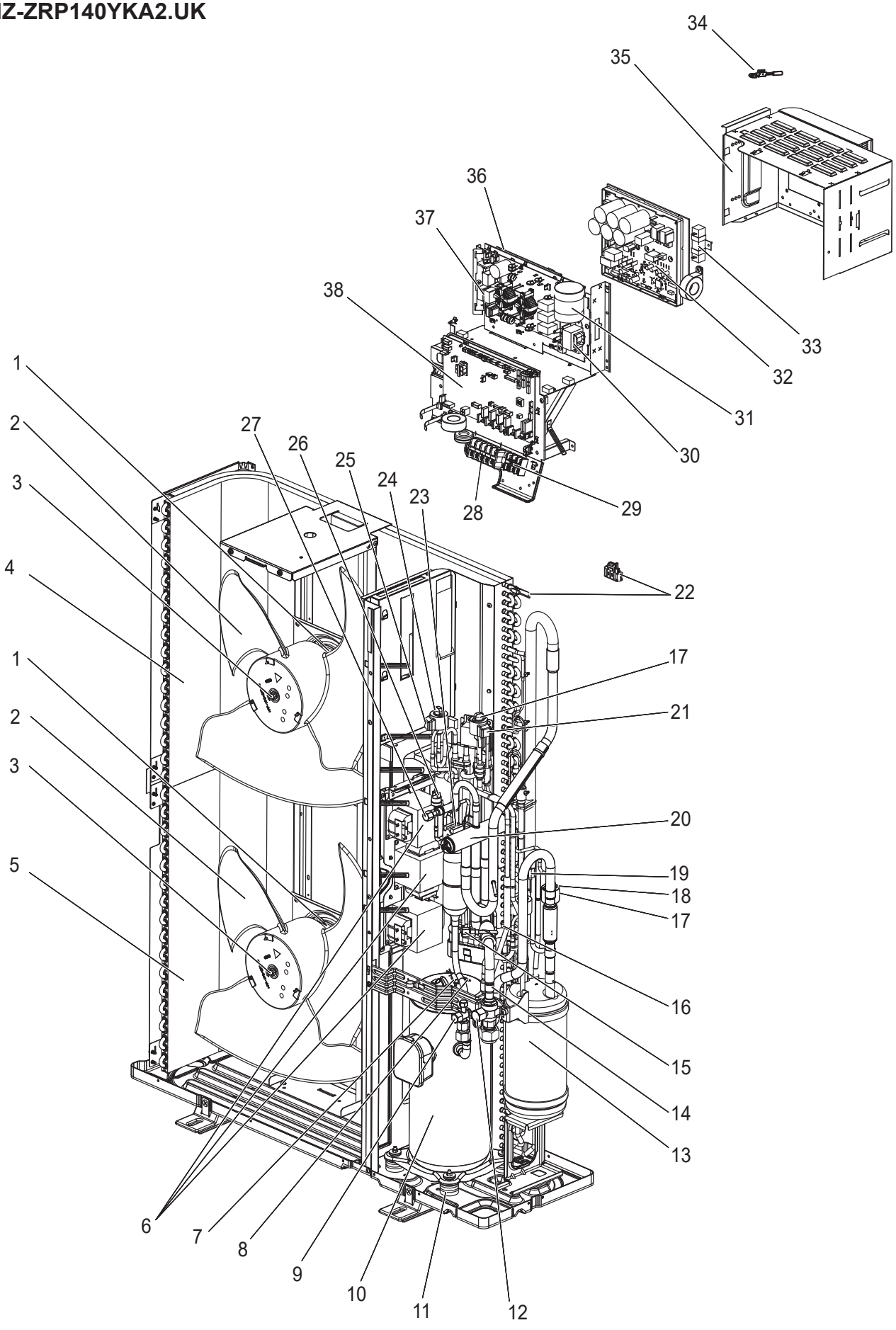
No.	Parts No.	Parts Name	Specification	Q'ty/unit	Remarks (Drawing No.)	Wiring Diagram Symbol
				PUHZ-ZRP140VKA2.UK		
1	S70 E80 763	FAN MOTOR		2		MF1,2
2	S70 E50 115	PROPELLER FAN		2		
3	S70 K01 097	NUT		2		
4	S70 E30 408	HEAT EXCHANGER (TOP)		1		
5	S70 E35 408H	HEAT EXCHANGER (UNDER)		1		
6	S70 E57 202	THERMISTOR	Discharge	1		TH4
7	S70 E46 202	THERMISTOR	Comp. surface	1		TH32
8	S70 600 418	STOP VALVE (LIQUID)	3/8	1		
9	S70 E30 400	COMPRESSOR	ANB33FNFMT	1		MC
10	S70 E02 004	RUBBER MOUNT		4		
11	S70 E06 411	BALL VALVE (GAS)	5/8	1		
12	S70 E75 440H	POWER RECEIVER		1		
13	S70 36L 450	STRAINER	50#	1		
14	S70 E02 413	CHARGE PLUG		1		
15	S70 E58 202	THERMISTOR	Liquid	1		TH3
16	S70 E50 402	LEV COIL	UKV-A295	1	CONNECTOR: WHITE	LEV-A
17	S70 E90 401	EXPANSION VALVE	UKV-25D36	2		
18	S70 E68 202	THERMISTOR	Refrigerant check	1		TH33
19	S70 E05 403	4-WAY VALVE		1		
20	S70 E60 402	LEV COIL	UKV-A296	1	CONNECTOR: RED	LEV-B
21	S70 E31 202	THERMISTOR	Ambient, 2-phase pipe	1		TH6,7
22	S70 E66 242	SOLENOID COIL <4-WAY VALVE>		1		21S4
23	S70 E95 401	EXPANSION VALVE	UKV-18D124	1		LEV-C
24	S70 E77 402	LEV COIL		1	CONNECTOR: BLUE	LEV-C
25	S70 E10 208H	HIGH PRESSURE SWITCH	Off 4.1 MPA	1		63H
26	S70 E03 413	CHARGE PLUG		1		
27	S70 C20 515	TERMINAL BLOCK	6P (L,N,⏚,S1,S2,S3)	1		TB1
28	S70 E93 316	COMPLETE CONTROL BOX ASSY		1		
29	S70 K21 259	REACTOR	0.5 MH	1		DCL
30	S70 E60 315	CONTROLLER CIRCUIT BOARD		1		C.B.
31	S70 E25 313	POWER CIRCUIT BOARD		1		P.B.

FUNCTIONAL AND ELECTRICAL PARTS
PUHZ-ZRP100YKA2.UK
PUHZ-ZRP125YKA2.UK



No.	Parts No.	Parts Name	Specification	Q'ty/unit		Remarks (Drawing No.)	Wiring Diagram Symbol
				PUHZ-ZRP100YKA2.UK	PUHZ-ZRP125YKA2.UK		
1	S70 E80 763	FAN MOTOR		2	2		MF1,2
2	S70 E50 115	PROPELLER FAN		2	2		
3	S70 K01 097	NUT		2	2		
4	S70 E30 408	HEAT EXCHANGER (TOP)		1	1		
5	S70 E35 408H	HEAT EXCHANGER (UNDER)		1	1		
6	S70 K80 259	REACTOR		1	1		ACL1, 2, 3
7	S70 E59 202	THERMISTOR	Discharge	1	1		TH4
8	S70 E67 202	THERMISTOR	Comp. surface	1	1		TH32
9	S70 600 418	STOP VALVE (LIQUID)	3/8	1	1		
10	S70 E40 400	COMPRESSOR	ANB33FNCMT	1	1		MC
11	S70 E02 004	RUBBER MOUNT		4	4		
12	S70 E06 411	BALL VALVE (GAS)	5/8	1	1		
13	S70 E75 440H	POWER RECEIVER		1	1		
14	S70 36L 450	STRAINER	50#	1	1		
15	S70 E02 413	CHARGE PLUG		1	1		
16	S70 E37 202	THERMISTOR	Liquid	1	1		TH3
17	S70 E60 402	LEV COIL	UKV-A296	1	1	CONNECTOR: RED	LEV-B
18	S70 E90 401	EXPANSION VALVE	UKV-25D36	2	2		
19	S70 E50 402	LEV COIL	UKV-A295	1		CONNECTOR: WHITE	LEV-A
20	S70 E68 202	THERMISTOR	Refrigerant check	1	1		TH33
21	S70 E05 403	4-WAY VALVE		1	1		
22	S70 E60 202	THERMISTOR	Ambient, 2-phase pipe	1	1		TH6,7
23	S70 E66 242	SOLENOID COIL <4-WAY VALVE>		1	1		21S4
24	S70 E10 208H	HIGH PRESSURE SWITCH	Off 4.1 MPA	1	1		63H
25	S70 E03 413	CHARGE PLUG		1	1		
26	S70 E09 716	TERMINAL BLOCK	5P (L1, L2, L3, N,⏚)	1	1		TB1
27	S70 E08 716	TERMINAL BLOCK	3P (S1,S2,S3)	1			TB2
28	S70 K90 259	REACTOR		1	1		ACL4
29	S70 E71 255	CAPACITOR		1	1		CK
30	S70 E35 313	POWER CIRCUIT BOARD		1	1		P.B.
31	S70 E20 234	RESISTOR		1	1		RS
32	S70 E55 202	THERMISTOR (HEATSINK)		1	1		TH8
33	S70 E94 316	COMPLETE CONTROL BOX ASSY		1			
	S70 E95 316	COMPLETE CONTROL BOX ASSY			1		
34	S70 E15 313	CONVERTER CIRCUIT BOARD		1	1		CONV.B.
35	S70 E50 346	NOISE FILTER CIRCUIT BOARD		1	1		N.F.
36	S70 E60 315	CONTROLLER CIRCUIT BOARD		1	1		C.B.

FUNCTIONAL AND ELECTRICAL PARTS
PUHZ-ZRP140YKA2.UK

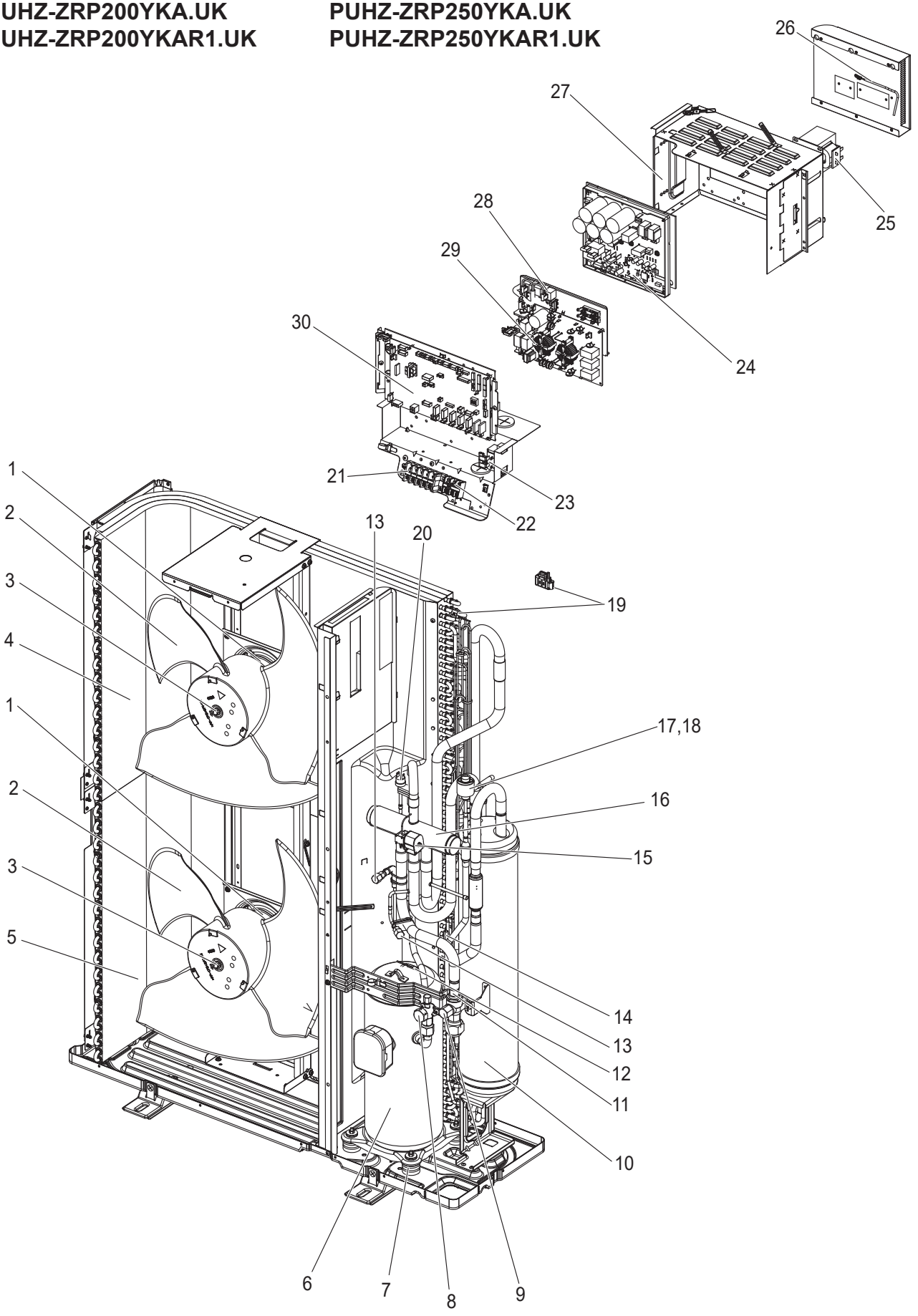


No.	Parts No.	Parts Name	Specification	Q'ty/unit	Remarks (Drawing No.)	Wiring Diagram Symbol
				PUHZ-ZRP140YKA2.UK		
1	S70 E80 763	FAN MOTOR		2		MF1,2
2	S70 E50 115	PROPELLER FAN		2		
3	S70 K01 097	NUT		2		
4	S70 E30 408	HEAT EXCHANGER (TOP)		1		
5	S70 E35 408H	HEAT EXCHANGER (UNDER)		1		
6	S70 K80 259	REACTOR		1		ACL1, 2, 3
7	S70 E59 202	THERMISTOR	Discharge	1		TH4
8	S70 E67 202	THERMISTOR	Comp.surface	1		TH32
9	S70 600 418	STOP VALVE (LIQUID)	3/8	1		
10	S70 E40 400	COMPRESSOR	ANB33FNCMT	1		MC
11	S70 E02 004	RUBBER MOUNT		4		
12	S70 E06 411	BALL VALVE (GAS)	5/8	1		
13	S70 E75 440H	POWER RECEIVER		1		
14	S70 36L 450	STRAINER	50#	1		
15	S70 E02 413	CHARGE PLUG		1		
16	S70 E37 202	THERMISTOR	Liquid	1		TH3
17	S70 E90 401	EXPANSION VALVE	UKV-25D36	2		
18	S70 E50 402	LEV COIL	UKV-A295	1	CONNECTOR: WHITE	LEV-A
19	S70 E68 202	THERMISTOR	Refrigerant check	1		TH33
20	S70 E05 403	4-WAY VALVE		1		
21	S70 E60 402	LEV COIL	UKV-A296	1	CONNECTOR: RED	LEV-B
22	S70 E60 202	THERMISTOR	Ambient, 2-phase pipe	1		TH6,7
23	S70 E66 242	SOLENOID COIL <4-WAY VALVE>		1		21S4
24	S70 E95 401	EXPANSION VALVE	UKV-18D124	1		LEV-C
25	S70 E77 402	LEV COIL		1	CONNECTOR: BLUE	LEV-C
26	S70 E10 208H	HIGH PRESSURE SWITCH	Off 4.1 MPA	1		63H
27	S70 E03 413	CHARGE PLUG		1		
28	S70 E09 716	TERMINAL BLOCK	5P (L1, L2, L3, N,⏚)	1		TB1
29	S70 E08 716	TERMINAL BLOCK	3P (S1,S2,S3)	1		TB2
30	S70 K90 259	REACTOR		1		ACL4
31	S70 E71 255	CAPACITOR		1		CK
32	S70 E35 313	POWER CIRCUIT BOARD		1		P.B.
33	S70 E20 234	RESISTOR		1		RS
34	S70 E55 202	THERMISTOR	Heat sink	1		TH8
35	S70 E96 316	COMPLETE CONTROL BOX ASSY		1		
36	S70 E15 313	CONVERTER CIRCUIT BOARD		1		CONV.B.
37	S70 E50 346	NOISE FILTER CIRCUIT BOARD		1		N.F.
38	S70 E60 315	CONTROLLER CIRCUIT BOARD		1		C.B.

FUNCTIONAL AND ELECTRICAL PARTS

PUHZ-ZRP200YKA.UK **PUHZ-ZRP250YKA.UK**

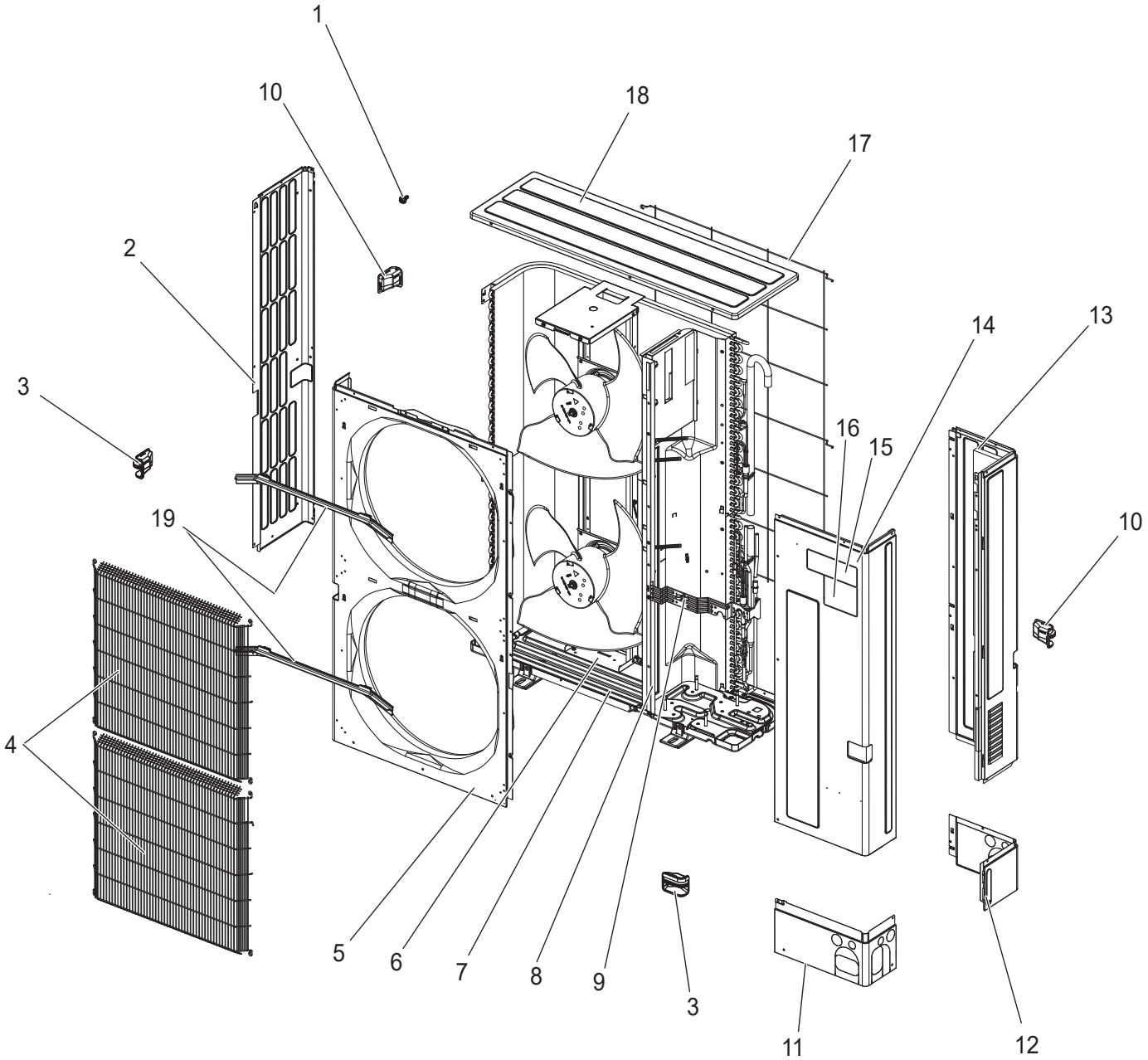
PUHZ-ZRP200YKAR1.UK **PUHZ-ZRP250YKAR1.UK**



No.	Parts No.	Parts Name	Specification	Q'ty/unit				Remarks (Drawing No.)	Wiring Diagram Symbol
				PUHZ-ZRP200YKA.UK	PUHZ-ZRP200YKAR1.UK	PUHZ-ZRP250YKA.UK	PUHZ-ZRP250YKAR1.UK		
1	S70 E90 763	FAN MOTOR		2	2	2	2		MF1,2
2	S70 E50 115	PROPELLER FAN		2	2	2	2		
3	S70 K01 097	NUT		2	2	2	2		
4	S70 E36 408	HEAT EXCHANGER (TOP)		1	1	1	1		
5	S70 E37 408H	HEAT EXCHANGER (UNDER)		1	1	1	1		
6	S70 E70 400	COMPRESSOR	ANB52FRNMT	1	1	1	1		MC
7	S70 E02 004	RUBBER MOUNT		4	4	4	4		
8	S70 600 418	STOP VALVE (LIQUID)	3/8'	1	1				
	S70 700 418	STOP VALVE (LIQUID)	1/2'			1	1		
9	S70 E08 411	BALL VALVE (GAS)	3/4'	1	1	1	1		
10	S70 E95 440H	ACCUMULATOR		1	1	1	1		
11	S70 42L 450	STRAINER	50#	1	1	1	1		
12	S70 E69 202	THERMISTOR	Comp. surface	1	1	1	1		TH32
13	S70 E02 413	CHARGE PLUG		2	2	2	2		
14	S70 E58 202	THERMISTOR	Liquid	1	1	1	1		TH3
15	S70 E09 242	SOLENOID COIL <4-WAY VALVE>		1	1	1	1		21S4
16	S70 E06 403	4-WAY VALVE		1	1	1	1		
17	S70 E15 401	EXPANSION VALVE	UKV-32D	1	1	1	1		
18	S70 E30 402	LINEAR EXPANSION VALVE COIL	UKV-A277	1	1	1	1	CONNECTOR: WHITE	LEV-A
19	S70 E31 202	THERMISTOR	Ambient, 2-phase pipe	1	1	1	1		TH6,7
20	S70 E10 208H	HIGH PRESSURE SWITCH	OFF 4.14MPA	1	1	1	1		63H
21	S70 E09 716	TERMINAL BED	5P(L1,L2,L3 N,E)	1	1	1	1		TB1
22	S70 E08 716	TERMINAL BED	3P(S1,S2,S3)	1	1	1	1		TB2
23	S70 K25 259	REACTOR		1	1	1	1		ACL4
24	S70 E45 313	POWER CIRCUIT BOARD		1	1	1	1		P.B.
25	S70 K35 259	REACTOR		1	1	1	1		DCL
26	S70 E55 202	THERMISTOR	Heat sink	1	1	1	1		TH8
27	S70 E97 316	COMPLETE CONTROL BOX ASSY		1		1			
28	S70 E20 234	RESISTOR		1	1	1	1		RS
29	S70 E70 346	NOISE FILTER CIRCUIT BOARD		1	1	1	1		N.F.
30	S70 E90 315	CONTROLLER CIRCUIT BOARD		1		1			C.B.
	S70 E97 315H	CONTROLLER CIRCUIT BOARD			1		1		C.B.

STRUCTURAL PARTS

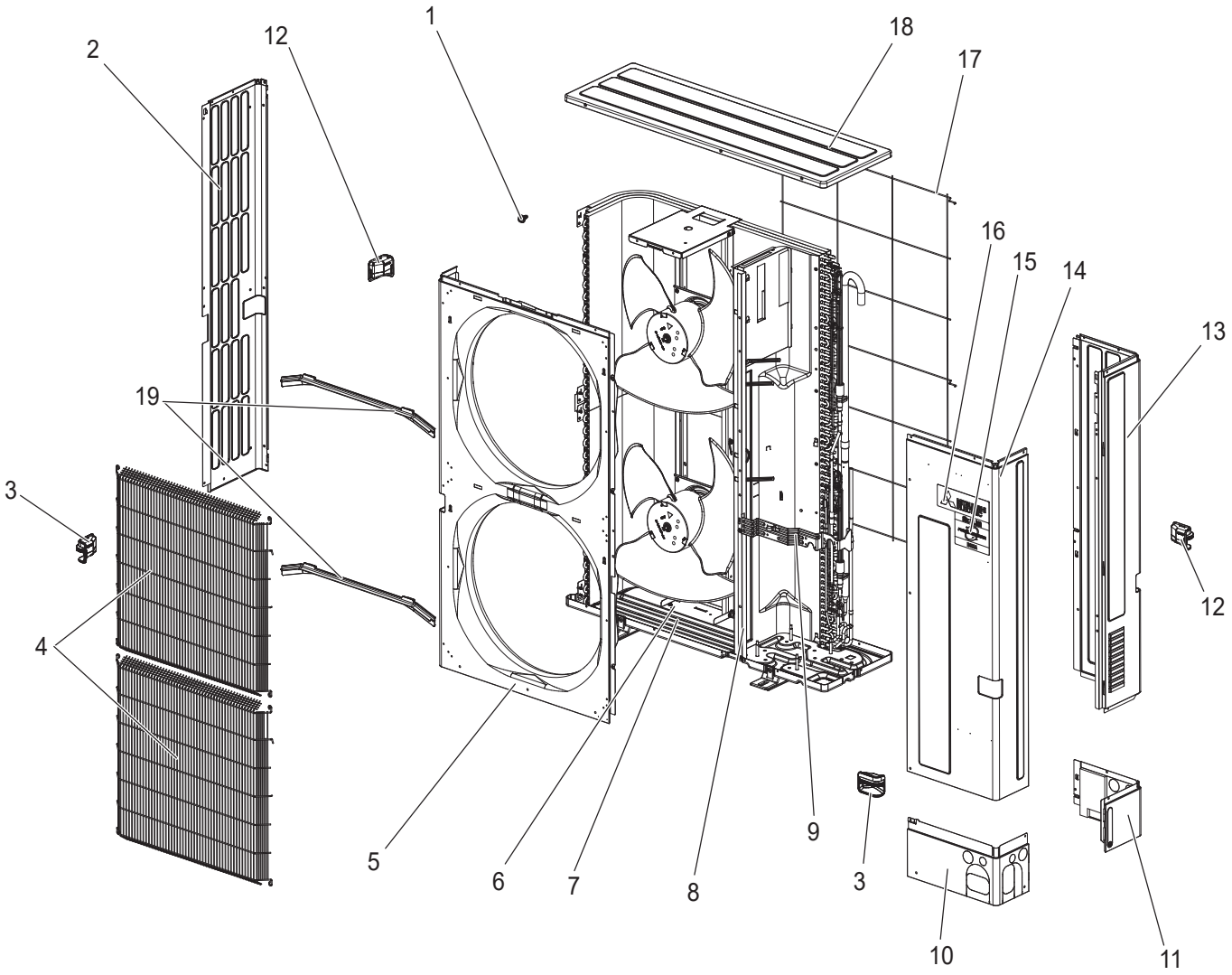
PUHZ-ZRP100VKA2.UK PUHZ-ZRP100YKA2.UK
PUHZ-ZRP125VKA2.UK PUHZ-ZRP125YKA2.UK
PUHZ-ZRP140VKA2.UK PUHZ-ZRP140YKA2.UK



No.	Parts No.	Parts Name	Specifi-cation	Q'ty/unit						Remarks (Drawing No.)
				PUHZ-ZRP100VKA2.UK	PUHZ-ZRP125VKA2.UK	PUHZ-ZRP140VKA2.UK	PUHZ-ZRP100YKA2.UK	PUHZ-ZRP125YKA2.UK	PUHZ-ZRP140YKA2.UK	
1	—	F.ST SCREW	(5×12)	45	45	45	45	45	45	(DG12F536H12)
2	S70 E17 662	SIDE PANEL (L)		1	1	1	1	1	1	
3	S70 E20 655	HANDLE (FRONT)		2	2	2	2	2	2	
4	S70 E40 675	FAN GRILLE		2	2	2	2	2	2	
5	S70 E61 668	FRONT PANEL		1	1	1	1	1	1	
6	S70 E90 130	MOTOR SUPPORT		1	1	1	1	1	1	
7	S70 E91 686	BASE ASSY		1	1	1	1	1	1	
8	—	SEPARATOR		1	1					(BK00N021G56)
	—	SEPARATOR				1				(BK00N021G57)
	—	SEPARATOR					1	1		(BK00N021G58)
	—	SEPARATOR							1	(BK00N021G59)
9	—	VALVE BED ASSY		1	1	1	1	1	1	(BK00R803G03)
10	S70 E30 655	HANDLE (REAR)		2	2	2	2	2	2	
11	S70 E55 658	COVER PANEL (FRONT)		1	1	1	1	1	1	
12	S70 E65 658	COVER PANEL (REAR)		1	1	1	1	1	1	
13	S70 E95 662	SIDE PANEL (R)		1	1	1	1	1	1	
14	S70 E45 661	SERVICE PANEL		1	1	1	1	1	1	
15	S70 E20 699	LABEL (MITSUBISHI)		1	1	1	1	1	1	
16	S70 E60 699	LABEL (BRAND)		1	1	1	1	1	1	
17	S70 E30 698	REAR GUARD		1	1	1	1	1	1	
18	S70 E40 641	TOP PANEL		1	1	1	1	1	1	
19	S70 E10 631	ICE GUARD		2	2	2	2	2	2	

STRUCTURAL PARTS

PUHZ-ZRP200YKA.UK	**PUHZ-ZRP250YKA.UK**
PUHZ-ZRP200YKAR1.UK	**PUHZ-ZRP250YKAR1.UK**



No.	Parts No.	Parts Name	Specification	Q'ty/unit				Remarks (Drawing No.)
				PUHZ-ZRP200YKA.UK	PUHZ-ZRP200YKAR1.UK	PUHZ-ZRP250YKA.UK	PUHZ-ZRP250YKAR1.UK	
1	—	F.ST SCREW	(5×12)	45	45	45	45	(DG12F536H12)
2	S70 E17 662	SIDE PANEL (L)		1	1	1	1	
3	S70 E20 655	HANDLE (FRONT)		2	2	2	2	
4	S70 E40 675	WIRE GRILLE		2	2	2	2	
5	S70 E61 668	FRONT PANEL		1	1	1	1	
6	S70 E95 130	MOTOR SUPPORT		1	1	1	1	
7	S70 E91 686	BASE ASSY		1	1	1	1	
8	—	SEPARATOR		1	1	1	1	(BK00N021G60)
9	—	VALVE BED ASSY		1	1	1	1	(BK00R803G03)
10	S70 E55 658	COVER PANEL (FRONT)		1	1	1	1	
11	S70 E65 658	COVER PANEL (REAR)		1	1	1	1	
12	S70 E30 655	HANDLE (REAR)		2	2	2	2	
13	S70 E18 662	SIDE PANEL (R)		1	1	1	1	
14	S70 E45 661	SERVICE PANEL		1	1	1	1	
15	S70 E40 699	LABEL (BRAND)		1	1	1	1	
16	S70 E60 699	LABEL (MITSUBISHI)		1	1	1	1	
17	S70 E30 698	REAR GUARD		1	1	1	1	
18	S70 E40 641	TOP PANEL		1	1	1	1	
19	S70 E10 631	ICE GUARD		2	2	2	2	

Mr.SLIM

MITSUBISHI ELECTRIC CORPORATION

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Issued in Jul. 2020 No.OCB568 REVISED EDITION-F
Issued in Jul. 2019 No.OCB568 REVISED EDITION-E
Issued in Aug. 2015 No.OCB568 REVISED EDITION-D
Issued in Jun. 2015 No.OCB568 REVISED EDITION-C
Issued in Jan. 2015 No.OCB568 REVISED EDITION-B
Issued in Oct. 2014 No.OCB568 REVISED EDITION-A
Published in Jun. 2014 No.OCB568
Made in Japan

Specifications are subject to change without notice.