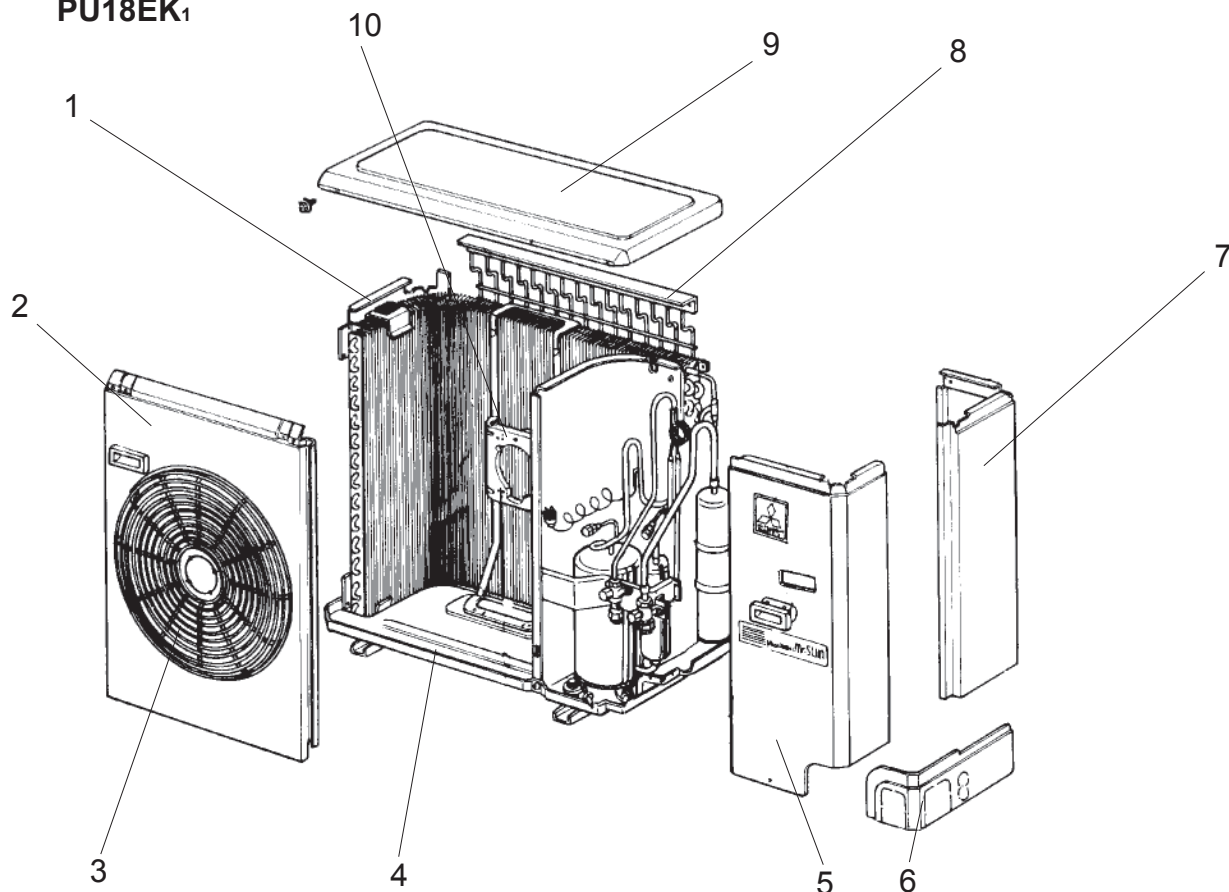


STRUCTURAL PARTS

PU12EK PU18EK
PU18EK₁



No.	Parts No.	Parts Name	Specifications	Q'ty / set			Remarks (Drawing No.)	Wiring Diagram Symbol
				PU				
				12EK	18EK	18EK1		
1	R01 A08 662	SIDE PANEL			1	1		
	R01 A00 662	SIDE PANEL		1				
2	R01 A08 668	FRONT PANEL			1	1		
	R01 A00 668	FRONT PANEL		1				
3	R01 A00 675	FAN GUARD		1	1	1		
4	R01 A00 686	BASE ASSEMBLY		1	1	1		
5	R01 A08 661	SERVICE PANEL			1	1		
	R01 A00 661	SERVICE PANEL		1				
6	R01 A00 658	PANEL COVER		1	1	1		
7	R01 A08 682	REAR PANEL			1	1		
	R01 A00 682	REAL PANEL		1				
8	R01 A08 698	REAR GUARD			1	1		
	R01 A00 698	REAR GUARD		1				
9	R01 A00 641	TOP PANEL		1	1	1		
10	T7W E03 130	MOTOR SUPPORT		1	1	1		

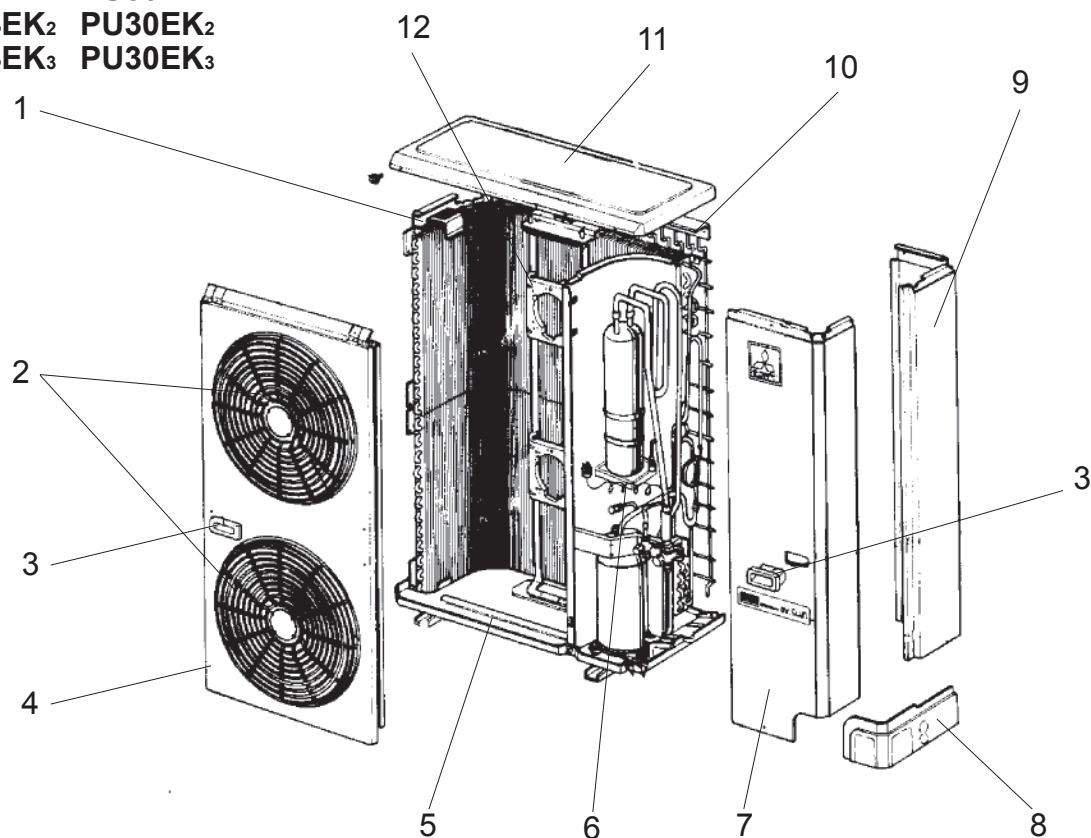
STRUCTURAL PARTS

PU24EK PU30EK

PU24EK₁ PU30EK₁

PU24EK₂ PU30EK₂

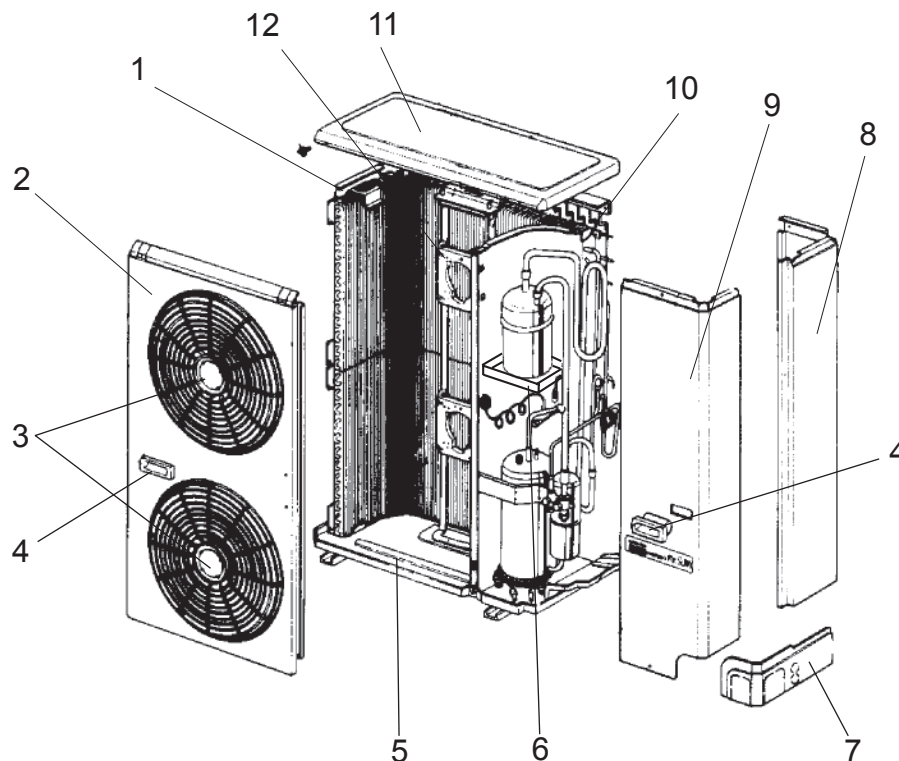
PU24EK₃ PU30EK₃



No.	Parts No.	Parts Name	Specifications	Q'ty / set		Remarks (Drawing No.)	Wiring Diagram Symbol
				PU24EK PU24EK ₁ PU24EK ₂	PU30EK PU30EK ₁ PU30EK ₂		
1	R01 A11 662	SIDE PANEL (LEFT)		1	1		
2	R01 A00 675	FAN GUARD		2	2		
3	R01 A00 655	PANEL HANDLE		3	3		
4	R01 A11 668	FRONT PANEL		1	1		
5	R01 A10 686	BASE ASSEMBLY		1	1		
6	T7W E00 529	DRAIN PAN			1		
7	R01 A11 661	SERVICE PANEL		1	1		
8	R01 A00 658	PANEL COVER		1	1		
9	R01 A11 682	REAR PANEL		1	1		
10	T7W E04 698	REAR GUARD		1	1		
11	T7W E02 641	TOP PANEL		1	1		
12	T7W E04 130	MOTOR SUPPORT		1	1		

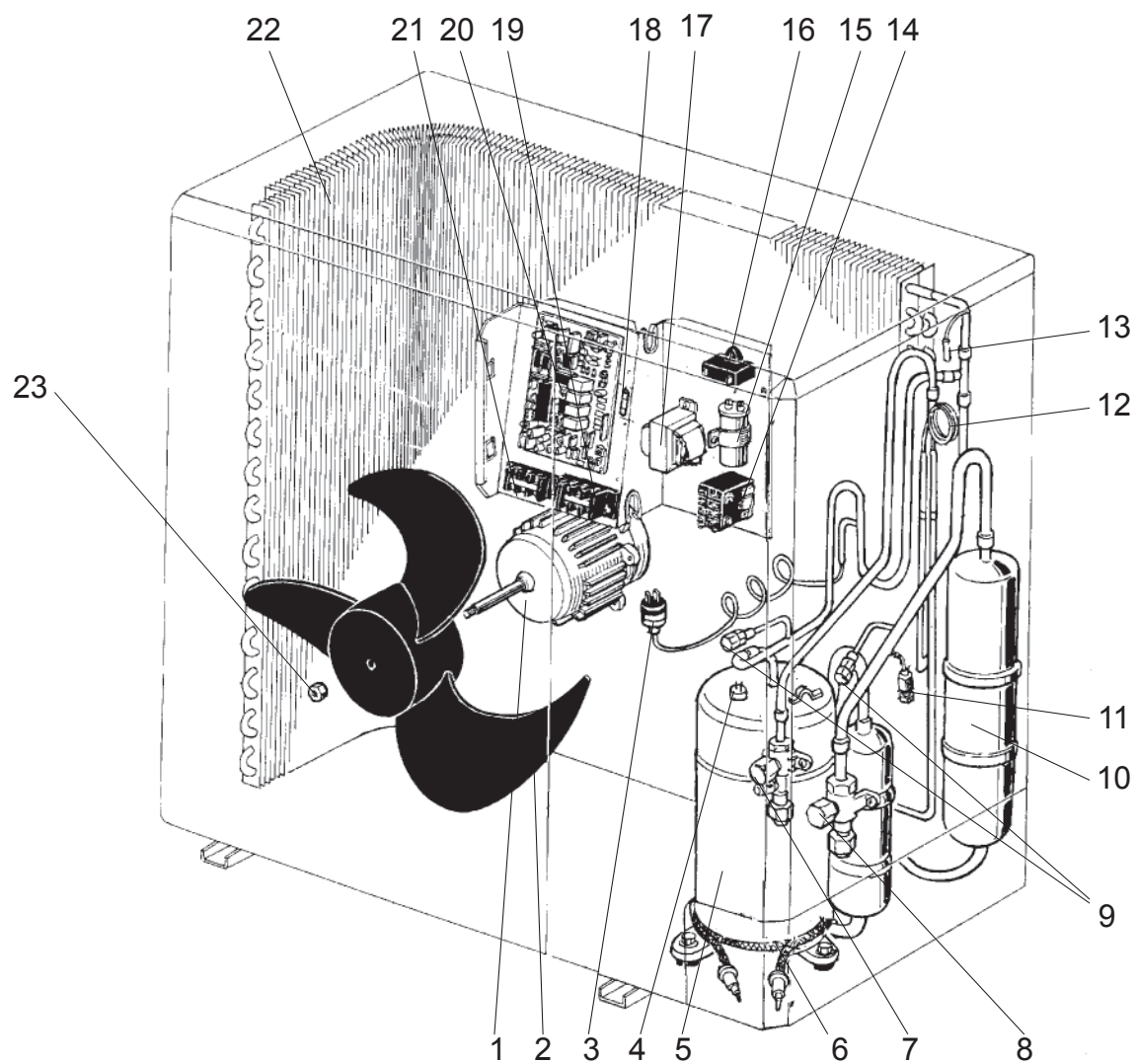
STRUCTURAL PARTS

PU36EK PU42EK2 PU42EK7
 PU36EK₁ PU42EK2₁ PU42EK7₁
 PU36EK₂ PU42EK7₂
 PU36EK₃



No.	Parts No.			Parts Name	Specifications	Q'ty / set					Remarks (Drawing No.)	Wiring Diagram Symbol
						PU						
						36EK 36EK ₁ 36EK ₂	36EK ₃	42EK2 42EK2 ₁	42EK7 42EK7 ₁	42EK7 ₂		
1	R01	A14	662	SIDE PANEL (LEFT)		1	1	1	1	1		
2	R01	A14	668	FRONT PANEL		1	1	1	1	1		
3	R01	A00	675	FAN GUARD		2	2	2	2	2		
4	R01	A00	655	PANEL HANDLE		3	3	3	3	3		
5	R01	A14	686	BASE ASSEMBLY		1	1	1				
	R01	AK6	686	BASE ASSEMBLY					1	1		
6	T7W	E17	529	DRAIN PAN			1			1		
7	R01	A14	658	PANEL COVER		1	1	1	1	1		
8	R01	A14	682	REAR PANEL		1	1	1	1	1		
9	R01	A14	661	SERVICE PANEL		1	1	1	1	1		
10	T7W	E03	698	REAR GUARD		1	1	1	1	1		
11	R01	A14	641	TOP PANEL		1	1	1	1	1		
12	R01	85H	130	MOTOR SUPPORT		1	1					
	T7W	E02	130	MOTOR SUPPORT				1	1	1		

FUNCTIONAL PARTS
PU12EK PU18EK
PU18EK₁



No.	Parts No.	Parts Name	Specifications	Q'ty / set			Remarks (Drawing No.)	Wiring Diagram Symbol
				PU				
				12EK	18EK	18EK1		
1	T7W 850 763	FAN MOTOR	S6V-85FPH	1	1	1		MF3,MF
2	R01 A00 115	PROPELLER		1	1	1		
3	T7W 850 208	HIGH PRESSURE SWITCH	OPEN psiG 469	1	1	1		63H2
4	T7W 966 238	OVERCURRENT RELAY	MRA-98880-9030	1				51C
	T7W 969 238	OVERCURRENT RELAY	MRA98881-093		1	1		51C
5	T97 665 600	COMPRESSOR	RH247NAB		1	1		MC
	T92 650 452	COMPRESSOR	RH167NAB	1				MC
6	T7W 850 236	CRANKCASE HEATER	240V 30W	1	1	1		CH
7	R01 943 410	BALL VALVE	3/8	1	1	1		
8	R01 951 411	BALL VALVE	5/8		1	1		
	R01 943 411	BALL VALVE	5/8	1				
9	R01 590 413	CHARGE PLUG		2	2	2		
10	R01 A00 440	ACCUMULATOR		1	1	1		
11	T7W 973 507	FUSIBLE PLUG		1	1	1		
12	T7W E07 425	CAPILLARY TUBE	0.126×0.071×31.5	1				
	R01 600 425	CAPILLARY TUBE	0.126×0.063×31.5		2	2		
13	R01 J07 202	OUTDOOR COIL THERMISTOR		1	1	1		TH3
14	T7W A30 708	CONTACTOR	S-U12UL 215VAC	1		1		52C
	T7W 651 215	CONTACTOR	VC-20F 230VAC		1			52C
15	T7W 969 723	COMPRESSOR CAPACITOR	30μF 380V		1	1		C
	T7W 966 723	COMPRESSOR CAPACITOR	25μF 370V	1				C
16	R01 576 255	FAN MOTOR CAPACITOR	3μF 440V		1	1		C3
	R01 A00 255	FAN MOTOR CAPACITOR	2.5μF 440V	1				C3
17	T7W A30 799	TRANSFORMER	RED :12.3VAC,0.06A BRN :12.3VAC,0.06A	1		1		T
	T7W 850 799	TRANSFORMER	RED :15.5VAC,0.2A BRN :11.5VAC,0.2A ORN :36.0VAC,0.02A		1			T
18	T7W 410 239	FUSE	250V 6A	1	1	1		F3<0.B>,F<0.B>
19	T7W 850 716	TERMINAL BLOCK	3P(L1,L2,GR)	1	1	1		TB1
20	T7W E08 315	OUTDOOR CONTROLLER BOARD		1		1		O.B
	T7W 850 315	OUTDOOR CONTROLLER BOARD			1			O.B
21	R01 556 246	TERMINAL BLOCK	2P(1,2)	1	1	1		TB3
22	R01 K91 408	OUTDOOR HEAT EXCHANGER			1	1		
	T7W 850 408	OUTDOOR HEAT EXCHANGER		1				
23	R01 30L 097	NUT		1	1	1		

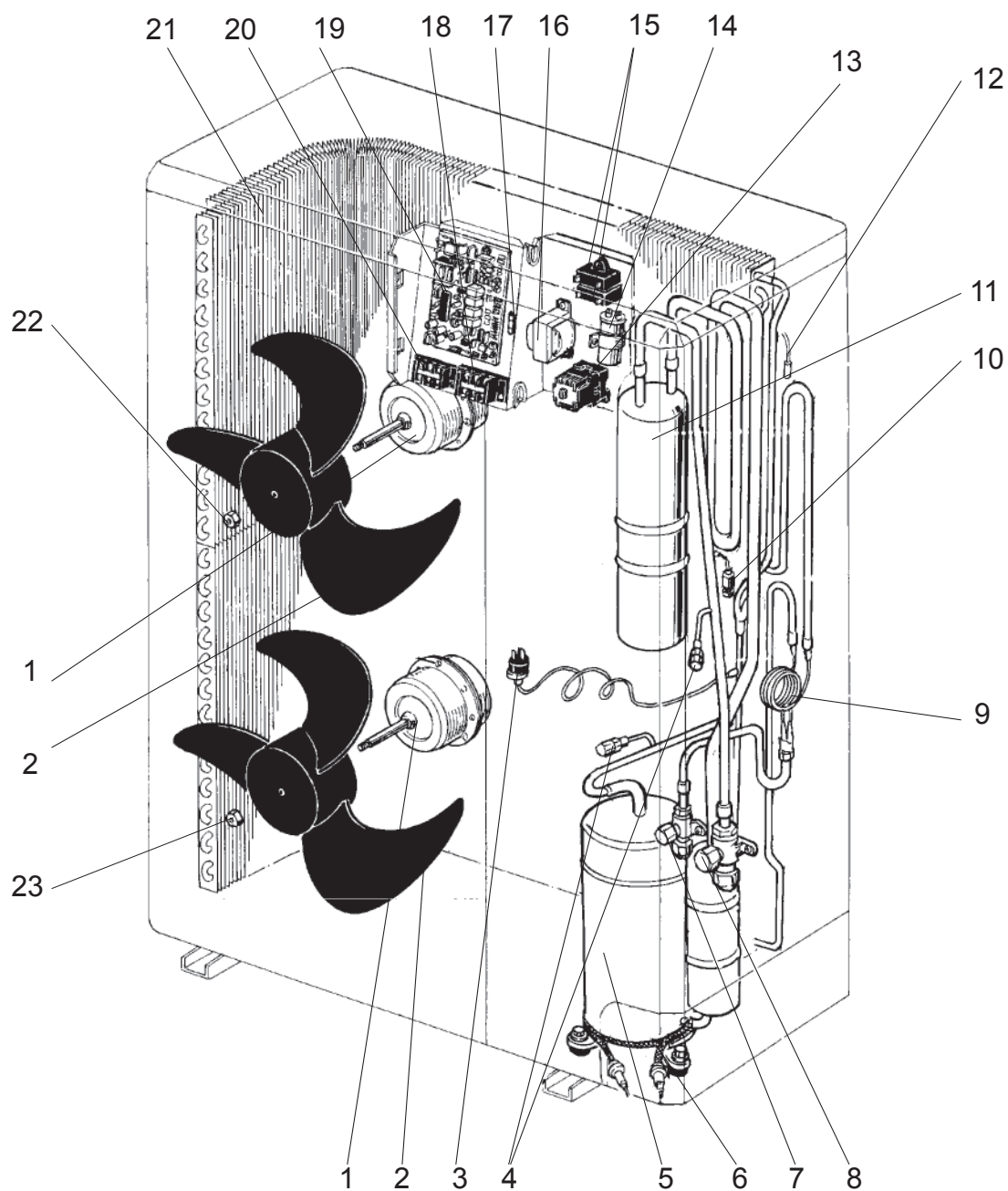
FUNCTIONAL PARTS

PU24EK

PU24EK₁

PU24EK₂

PU24EK₃





No.	Parts No.	Parts Name	Specifications	Q'ty / set			Remarks (Drawing No.)	Wiring Diagram Symbol
				PU				
				24EK	24EK ₁	24EK ₂ 24EK ₃		
1	T7W 851 763	FAN MOTOR	S6V-60FPN	2	2	2		MF3,4,1,2
2	R01 A00 115	PROPELLER		2	2	2		
3	T7W 850 208	HIGH PRESSURE SWITCH	OPEN psiG 363	1	1	1		63H2
4	R01 41L 413	CHARGE PLUG		2	2	2		
5	T97 517 300	COMPRESSOR	NH33NBD	1	1			MC
	T97 501 400	COMPRESSOR	NH33NBDT			1		MC
6	T7W 851 236	CRANKCASE HEATER	240V 43W	1	1	1		CH
7	R01 943 410	BALL VALVE	3/8	1	1	1		
8	R01 951 411	BALL VALVE	5/8	1	1	1		
9	T7W E17 425	CAPILLARY TUBE	0.126×0.063×17.3	2	2	2		
10	T7W 973 507	FUSIBLE PLUG		1	1	1		
11	R01 A12 440	ACCUMULATOR		1	1	1		
12	R01 J01 202	OUTDOOR COIL THERMISTOR		1	1	1		TH3
13	T7W A13 708	CONTACTOR	S-N25EX	1	1	1		52C
14	T7W 973 723	COMPRESSOR CAPACITOR	40μF 400V	1	1	1		C
15	R01 653 255	FAN MOTOR CAPACITOR	4μF 440V	2	2	2		C3, 4
16	T7W 850 799	TRANSFORMER	BRN: 11.5VAC, 0.2A RED: 15.5VAC, 0.2A ORN: 36.0VAC, 0.02A	1				T
	T7W E05 799	TRANSFORMER	RED: 12.3VAC, 0.06A BRN: 12.3VAC, 0.06A		1	1		T
17	T7W 410 239	FUSE	250V 6A	1	1	1		F3<0.B>,F<0.B>
18	T7W 850 716	TERMINAL BLOCK	3P(L1, L2, GR)	1	1	1		TB1
19	T7W 850 315	OUTDOOR CONTROLLER BOARD		1				O.B
	T7W E08 315	OUTDOOR CONTROLLER BOARD			1	1		O.B
20	R01 556 246	TERMINAL BLOCK	2P(1, 2)	1	1	1		TB3
21	R01 K92 408	OUTDOOR HEAT EXCHANGER		2	2	2		
22	R01 30L 097	NUT		2	2	2		

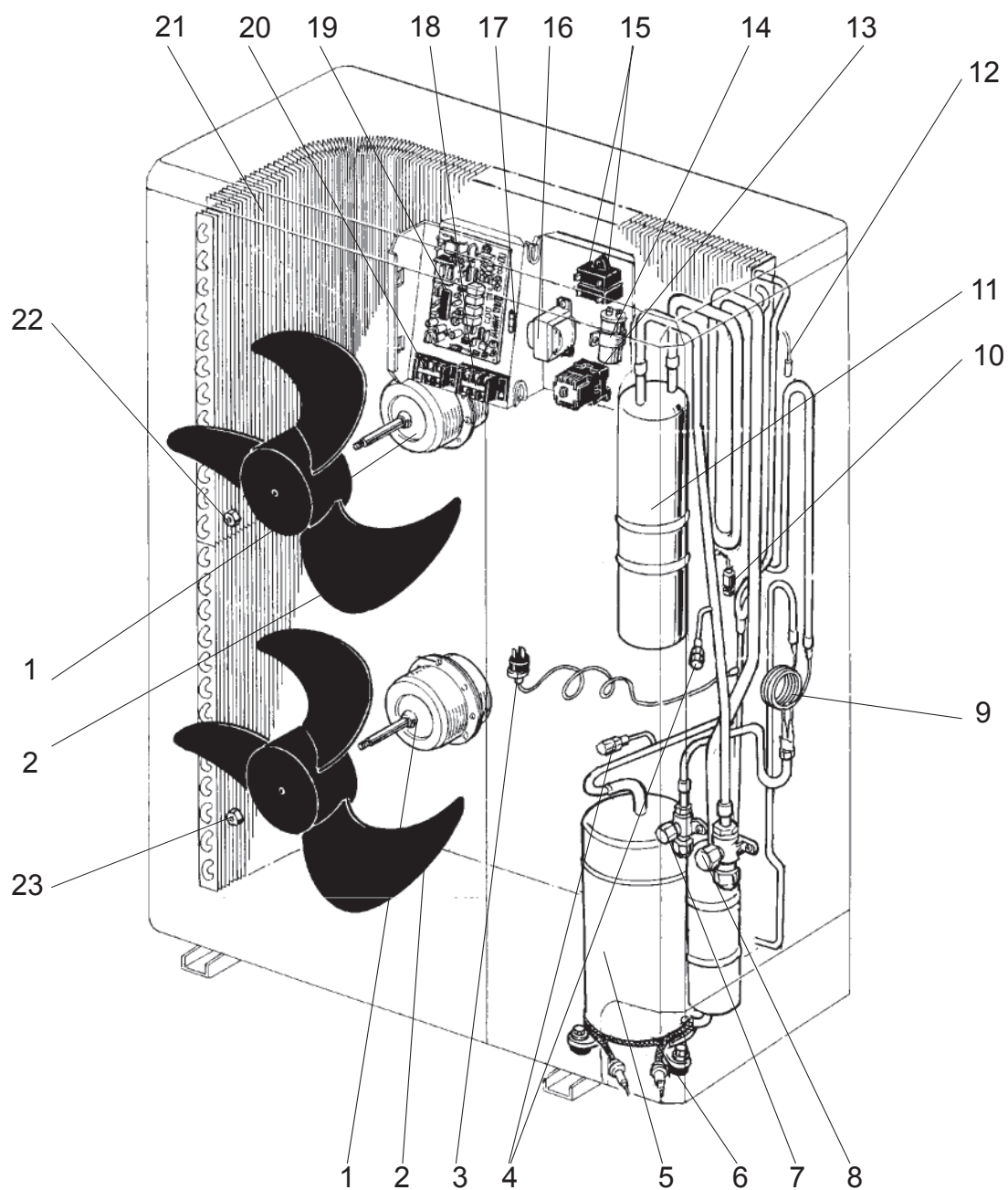
FUNCTIONAL PARTS

PU30EK

PU30EK₁

PU30EK₂

PU30EK₃





No.	Parts No.	Parts Name	Specifications	Q'ty / set			Remarks (Drawing No.)	Wiring Diagram Symbol
				PU				
				30EK	30EK ₁	30EK ₂ 30EK ₃		
1	T7W 851 763	FAN MOTOR	S6V-60FPN	2	2	2		MF3,4,1,2
2	R01 A00 115	PROPELLER		2	2	2		
3	T7W 850 208	HIGH PRESSURE SWITCH	OPEN psiG 363	1	1	1		63H2
4	R01 41L 413	CHARGE PLUG		2	2	2		
5	T97 511 300	COMPRESSOR	NH41NAD	1	1			MC
	T97 502 400	COMPRESSOR	NH41NAHT			1		MC
6	T7W 851 236	CRANKCASE HEATER	240V 43W	1	1	1		CH
7	R01 47L 410	BALL VALVE	1/2	1	1	1		
8	R01 670 411	BALL VALVE	3/4	1	1	1		
9	T7W E18 425	CAPILLARY TUBE	0.157×0.079×29.1	2	2	2		
10	T7W 973 507	FUSIBLE PLUG		1	1	1		
11	R01 A12 440	ACCUMULATOR		1	1	1		
12	R01 J01 202	OUTDOOR COIL THERMISTOR		1	1	1		TH3
13	T7W A13 708	CONTACTOR	S-N25EX	1	1	1		52C
14	T7W 867 723	COMPRESSOR CAPACITOR	50μF 400V	1	1	1		C
15	R01 653 255	FAN MOTOR CAPACITOR	4μF 440V	2	2	2		C3,4
16	T7W 850 799	TRANSFORMER	BRN: 11.5VAC, 0.2A RED: 15.5VAC, 0.2A ORN: 36.0VAC, 0.02A	1				T
	T7W E05 799	TRANSFORMER	RED: 12.3VAC, 0.06A BRN: 12.3VAC, 0.06A		1	1		T
17	T7W 410 239	FUSE	250V 6A	1	1	1		F3<0,B>,F<0,B>
18	T7W 850 716	TERMINAL BLOCK	3P(L1,L2,GR)	1	1	1		TB1
19	T7W 850 315	OUTDOOR CONTROLLER BOARD		1				O.B
	T7W E08 315	OUTDOOR CONTROLLER BOARD			1	1		O.B
20	R01 556 246	TERMINAL BLOCK	2P(1,2)	1	1	1		TB3
21	T7W 412 408	OUTDOOR HEAT EXCHANGER		2	2	2		
22	R01 30L 097	NUT		2	2	2		

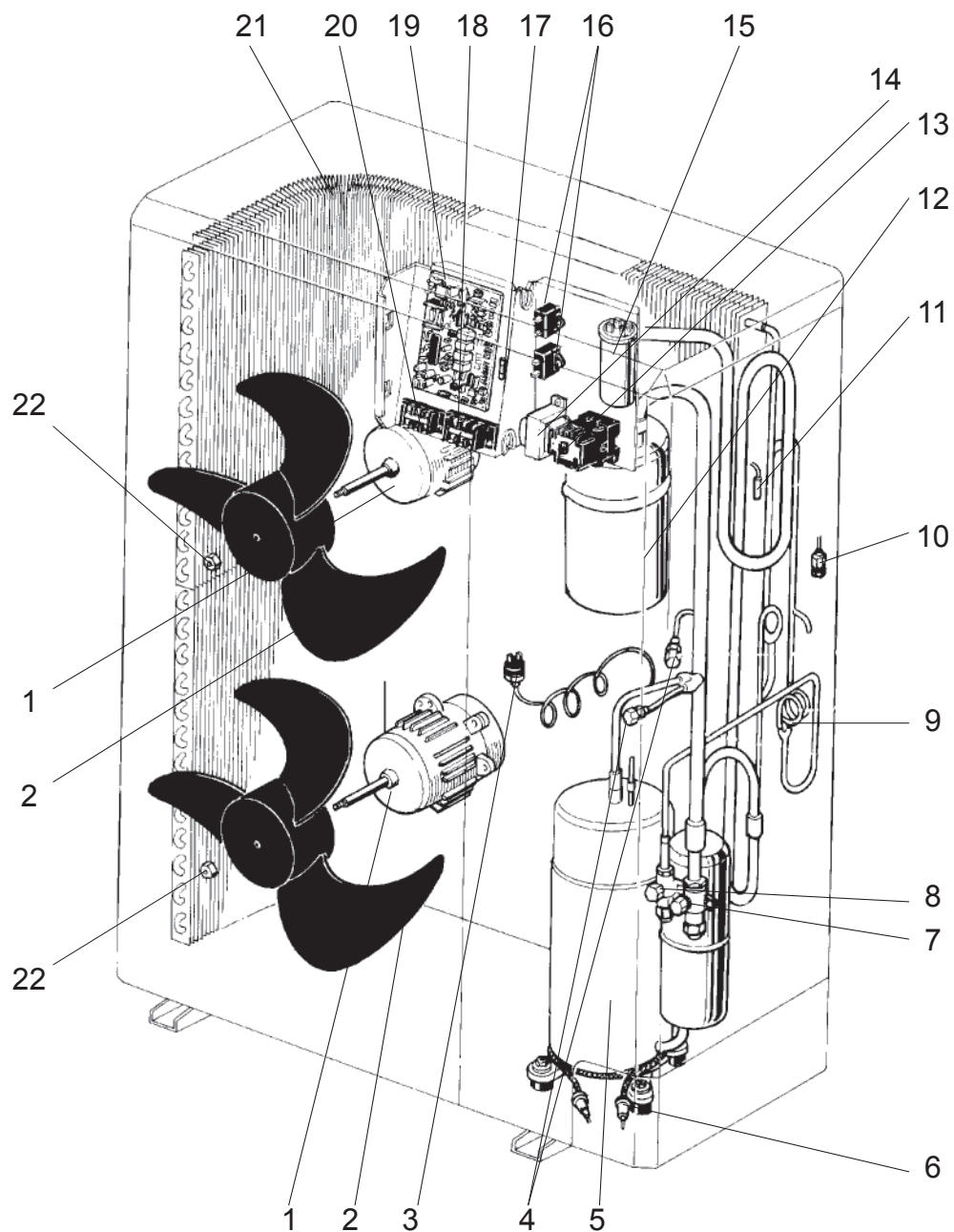
FUNCTIONAL PARTS

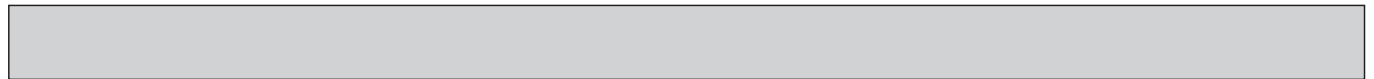
PU36EK

PU36EK₁

PU36EK₂

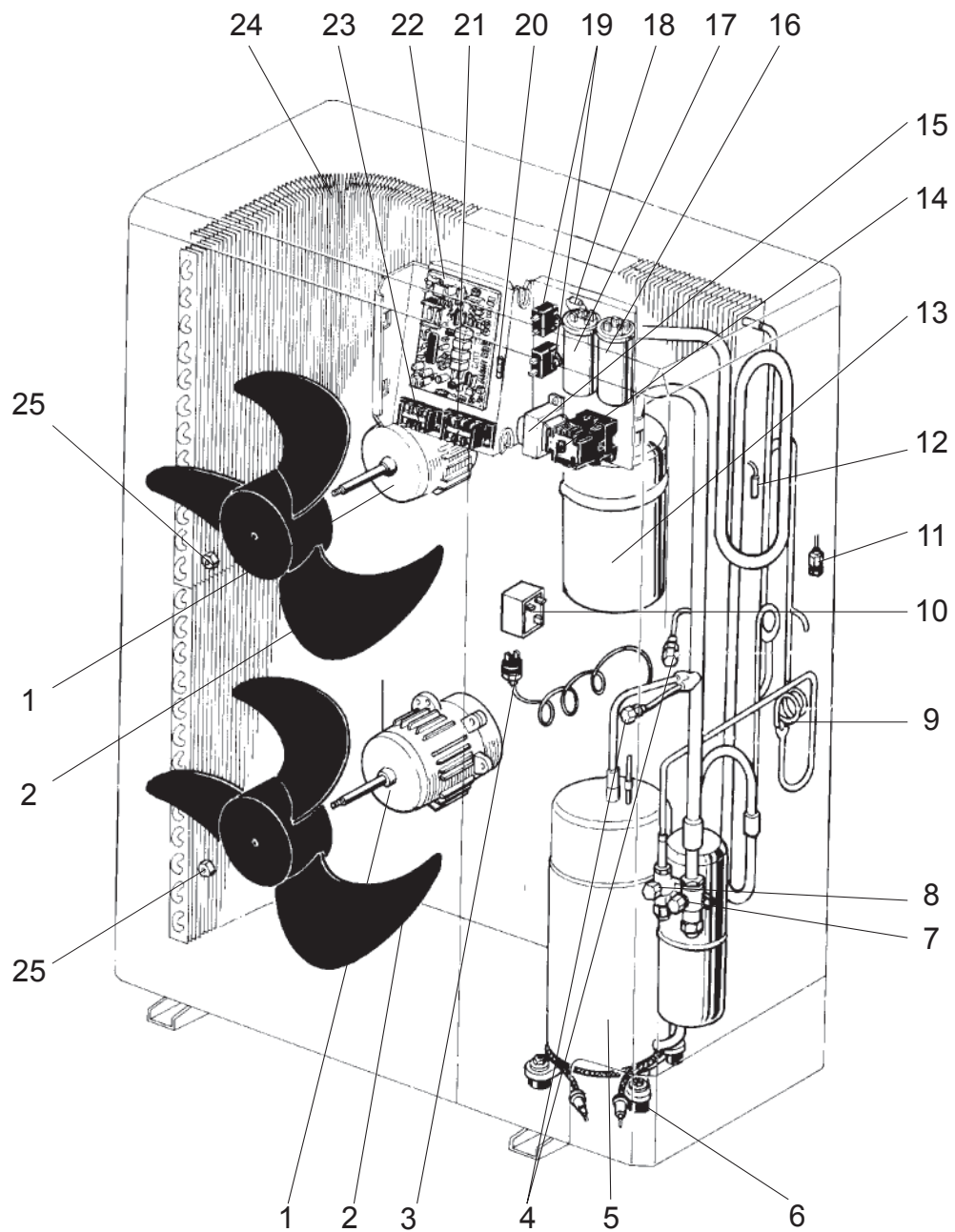
PU36EK₃





No.	Parts No.	Parts Name	Specifications	Q'ty / set			Remarks (Drawing No.)	Wiring Diagram Symbol
				PU				
				36EK	36EK ₁	36EK ₂ 36EK ₃		
1	T7W 852 763	FAN MOTOR	VC086DC	2	2	2		MF3,4,1,2
2	R01 A00 115	PROPELLER		2	2	2		
3	T7W 850 208	HIGH PRESSURE SWITCH	OPEN psiG 469	1	1	1		63H2
4	R01 41L 413	CHARGE PLUG		2	2	2		
5	T97 518 300	COMPRESSOR	NH47NAD	1	1			MC
	T97 503 400	COMPRESSOR	NH47NAHT			1		MC
6	T7W 851 236	CRANKCASE HEATER	240V 43W	1	1	1		CH
7	R01 670 411	BALL VALVE	3/4	1	1	1		
8	R01 47L 410	BALL VALVE	1/2	1	1	1		
9	T7W E06 425	CAPILLARY TUBE	0.157×0.079×17.7	2	2	2		
10	T7W 973 507	FUSIBLE PLUG		1	1	1		
11	T7W E24 202	OUTDOOR COIL THERMISTOR		1	1	1		TH3
12	T7W E01 440	ACCUMULATOR		1	1	1		
13	T7W A13 708	CONTACTOR	S-N25EX	1	1	1		52C
14	T7W E05 799	TRANSFORMER	RED:12.3VAC,0.06A BRN:12.3VAC,0.06A	1	1	1		T
15	T7W E02 723	COMPRESSOR CAPACITOR	60μF 360V	1	1	1		C
16	R01 576 255	FAN MOTOR CAPACITOR	3μF 440V	2	2	2		C3,4
17	T7W 410 239	FUSE	250V 6A	1	1	1		F3<0.B>,F<0.B>
18	T7W 850 716	TERMINAL BLOCK	3P(L1,L2,GR)	1	1	1		TB1
	T7W 850 315	OUTDOOR CONTROLLER BOARD		1				O.B
19	T7W E08 315	OUTDOOR CONTROLLER BOARD			1	1		O.B
20	R01 556 246	TERMINAL BLOCK	2P(1,2)	1	1	1		TB3
21	T7W E24 408	OUTDOOR HEAT EXCHANGER		2	2	2		
22	R01 30L 097	NUT		2	2	2		

FUNCTIONAL PARTS
PU42EK2
PU42EK2₁





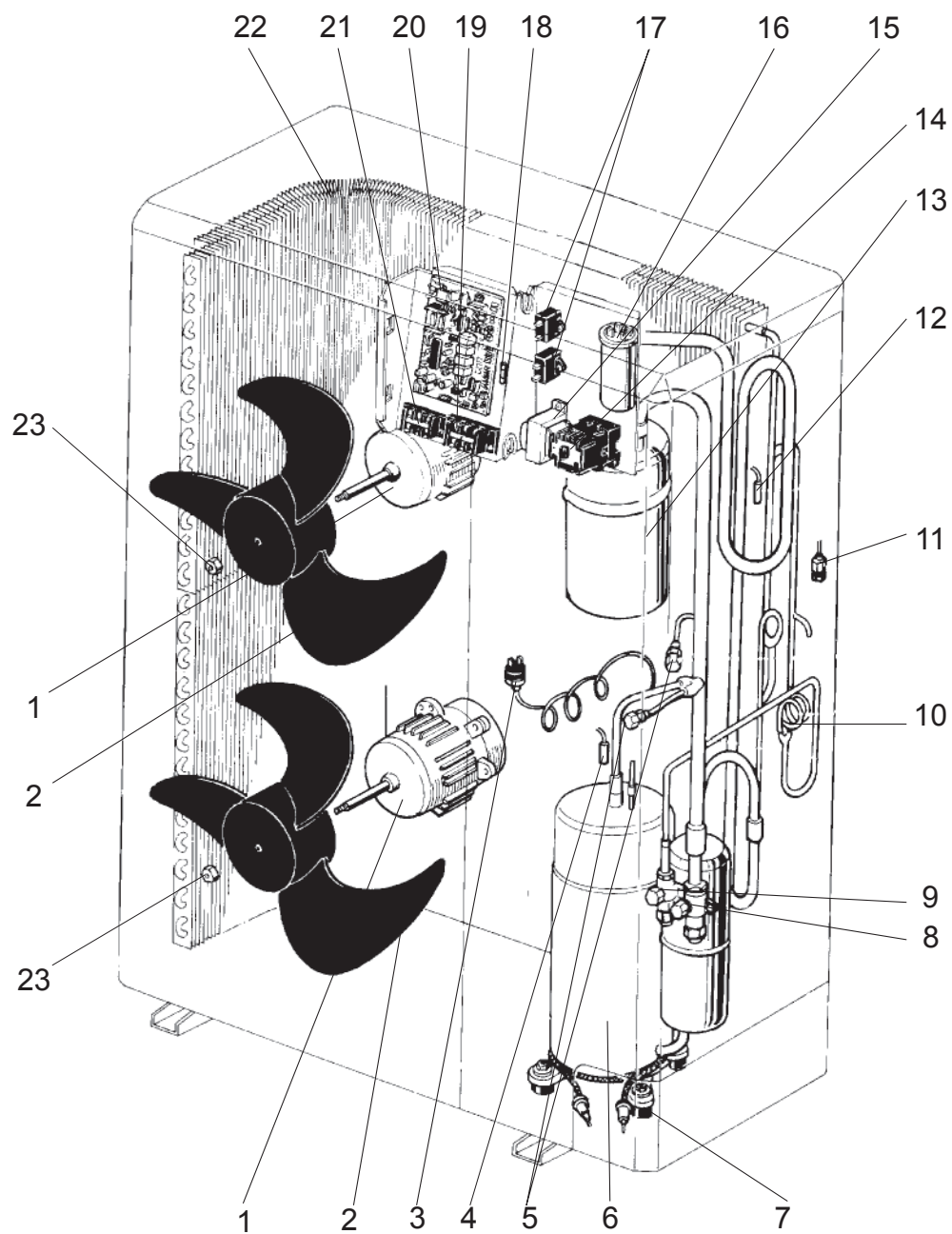
No.	Parts No.	Parts Name	Specifications	Q'ty / set		Remarks (Drawing No.)	Wiring Diagram Symbol
				PU			
				42EK2	42EK2 ₁		
1	T7W 853 763	FAN MOTOR	PA6N100UG	2	2		MF3,4,1,2
2	R01 A00 115	PROPELLER		2	2		
3	T7W 850 208	HIGH PRESSURE SWITCH	OPEN psiG 469	1	1		63H2
4	R01 41L 413	CHARGE PLUG		2	2		
5	T97 513 300	COMPRESSOR	NH569NXA	1	1		MC
6	T7W 851 236	CRANKCASE HEATER	240V 43W	1	1		CH
7	R01 670 411	BALL VALVE	3/4	1	1		
8	R01 47L 410	BALL VALVE	1/2	1	1		
9	R01 442 425	CAPILLARY TUBE	0.157×0.079×7.1	2	2		
10	T7W A34 704	COMPRESSOR START RELAY	AMVL320B	1	1		19
11	T7W 973 507	FUSIBLE PLUG		1	1		
12	T7W E24 202	OUTDOOR COIL THERMISTOR		1	1		TH3
13	T7W E01 440	ACCUMULATOR		1	1		
14	T7W 868 708	CONTACTOR	S-K35UR	1	1		52C
15	T7W E05 799	TRANSFORMER	RED:12.3VAC,0.06A BRN:12.3VAC,0.06A	1	1		T
16	T7W A34 723	COMPRESSOR CAPACITOR	65μF 400V	1	1		C
17	T7W 853 723	COMPRESSOR START CAPACITOR	65μF 400V	1	1		C5
18	T7W A34 234	RESISTOR	15K 4W	1	1		R
19	R01 653 255	FAN MOTOR CAPACITOR	4μF 440V	2	2		C3,4
20	T7W 410 239	FUSE	250V 6A	1	1		F3<0.B>,F<0.B>
21	T7W 850 716	TERMINAL BLOCK	3P(L1,L2,GR)	1	1		TB1
22	T7W 850 315	OUTDOOR CONTROLLER BOARD		1			O.B
	T7W E08 315	OUTDOOR CONTROLLER BOARD			1		O.B
23	R01 556 246	TERMINAL BLOCK	2P(1,2)	1	1		TB3
24	R01 V29 408	OUTDOOR HEAT EXCHANGER		2	2		
25	R01 30L 097	NUT		2	2		

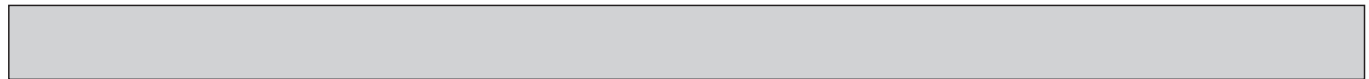
FUNCTIONAL PARTS

PU42EK7

PU42EK7₁

PU42EK7₂





No.	Parts No.	Parts Name	Specifications	Q'ty / set		Remarks (Drawing No.)	Wiring Diagram Symbol
				PU			
				42EK7	42EK7 ₁ 42EK7 ₂		
1	T7W 853 763	FAN MOTOR	PA6N100UG	2	2		MF1, 2
2	R01 A00 115	PROPELLER		2	2		
3	T7W 850 208	HIGH PRESSURE SWITCH	OPEN psiG 469	1	1		63H2
4	R01 86H 201	DISCHARGE THERMAL SWITCH		1	1		26C
5	R01 41L 413	CHARGE PLUG		2	2		
6	T97 513 500	COMPRESSOR	ZR42K3PFV	1	1		MC
7	T7W 851 236	CRANKCASE HEATER	240V 43W	1	1		CH
8	R01 670 411	BALL VALVE	3/4	1	1		
9	R01 47L 410	BALL VALVE	1/2	1	1		
10	T7W E10 425	CAPILLARY TUBE	0.157×0.079×21.7	2	2		
11	T7W 973 507	FUSIBLE PLUG		1	1		
12	T7W E24 202	OUTDOOR COIL THERMISTOR		1	1		TH3
13	T7W E01 440	ACCUMULATOR		1	1		
14	T7W A14 708	CONTACTOR	S-N35EX	1			52C
	T7W E07 708	CONTACTOR	MSO-N25KF		1		51C, 52C
15	T7W E05 799	TRANSFORMER	RED:12.3VAC,0.06A BRN:12.3VAC,0.06A	1	1		T
16	T7W E02 723	COMPRESSOR CAPACITOR	60μF 380V	1	1		C
17	R01 653 255	FAN MOTOR CAPACITOR	4μF 440V	2	2		C3,4
18	T7W 410 239	FUSE	250V 6A	1	1		F3<0.B>,F<0.B>
19	T7W 850 716	TERMINAL BLOCK	3P(L1,L2,GR)	1	1		TB1
20	T7W E08 315	OUTDOOR CONTROLLER BOARD		1			O.B
	T7W E15 315	OUTDOOR CONTROLLER BOARD			1		O.B
21	R01 556 246	TERMINAL BLOCK	2P(1,2)	1	1		TB3
22	T7W E07 408	OUTDOOR HEAT EXCHANGER		2	2		
23	R01 30L 097	NUT		2	2		

Mr.SLIM™



HEAD OFFICE : MITSUBISHI DENKI BLDG., 2-2-3, MARUNOUCHI, CHIYODA-KU, TOKYO 100-8310, JAPAN

©Copyright 2001 MITSUBISHI ELECTRIC ENGINEERING CO., LTD.
Distributed in Aug. 2004 No.OC247 REVISED EDITION-E PDF 9
Distributed in Aug. 2004 No.OC247 REVISED EDITION-D PDF 9
Distributed in Dec. 2002 No.OC247 REVISED EDITION-C 17
Distributed in Dec. 2002 No.OC247 REVISED EDITION-B 17
Distributed in May. 2001 No.OC247 REVISED EDITION-A 25
Distributed in Mar. 2001 No.OC247 20
Made in Japan.

New publication, effective Aug. 2004
Specifications subject to change without notice.