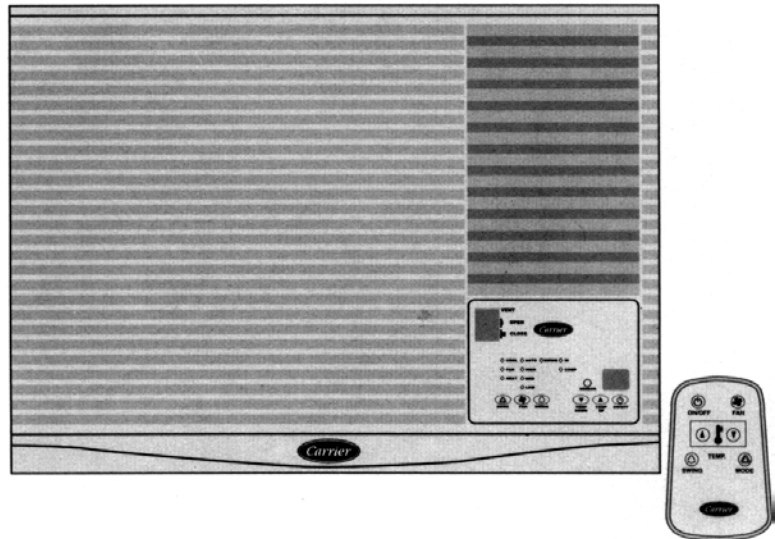


SERVICE PARTS MANUAL



WINDOW ROOM AIR CONDITIONERS

51GR-E SERIES COOL/ELECTRIC HEAT
 51GR-C SERIES COOL ONLY

COOL / HEAT	COOL ONLY
UNIT MODEL	UNIT MODEL
51GR12-E	51GR12-C
51GR15-E	51GR15-C
51GR18-E	51GR18-C
51GR24-E	51GR24-C



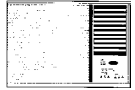
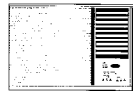


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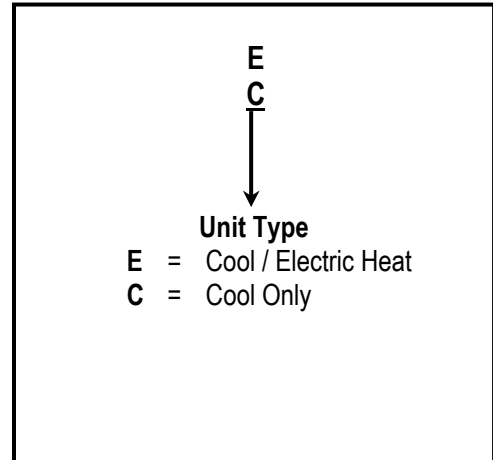
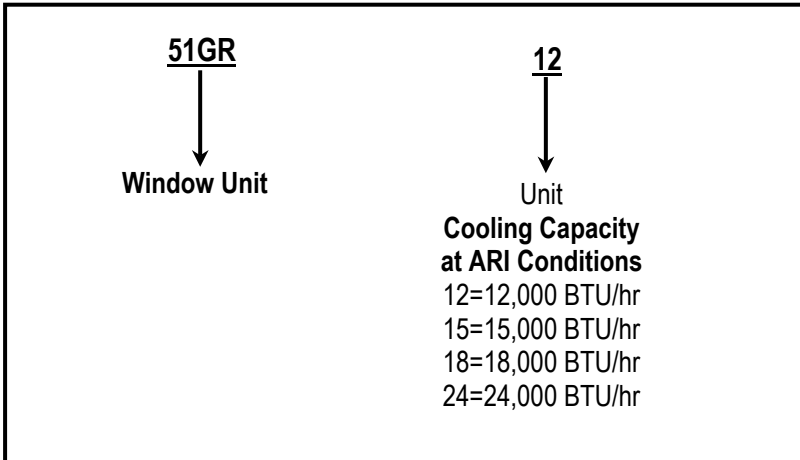
	PAGE NO.
1. UNIT MODEL DESIGNATION & IDENTIFICATION	1
2. UNIT MODEL & PART NUMBERS	1
3. UNIT EXPLODED VIEW 51GR12	2
4. UNIT PART LIST 51GR12	3
5. UNIT EXPLODED VIEW 51GR15 – 51GR18 – 51GR24	5
6. UNIT PART LIST 51GR15 – 51GR18 – 51GR24	6



UNIT MODEL DESIGNATION

&

IDENTIFICATION (ID)

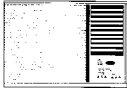


1- Cool/Heat Systems:

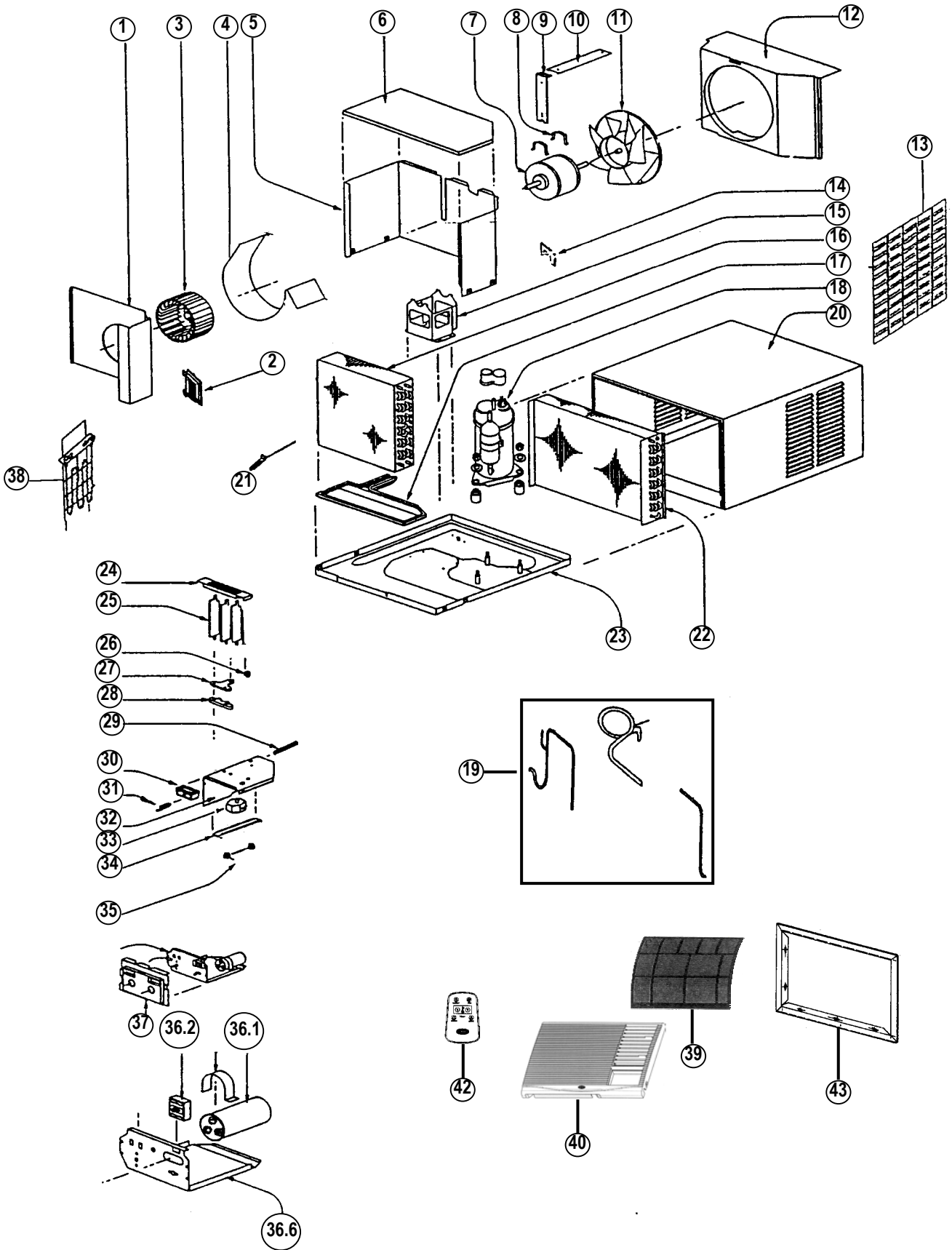
Power Supply V/1PH/50HZ	Model	P/N	ID
200-240	51GR12-E	463-00019	E
200-240	51GR15-E	463-00026	E
200-240	51GR18-E	463-00004	E
200-240	51GR24-E	463-00005	E

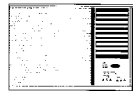
3- Cool Only System:

Power Supply V/1PH/50HZ	Model	P/N	ID
200-240	51GR12-C	463-00070	C
200-240	51GR15-C	463-00069	C
200-240	51GR18-C	463-00071	C
200-240	51GR24-C	463-00072	C



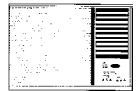
3. UNIT EXPLODED VIEW
51GR15-E & 51GR18-E & 51GR24-E COOL/HEAT
51GR15-C & 51GR18-C & 51GR24-C COOL ONLY





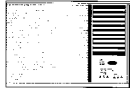
4. UNIT PART LIST
51GR15-E & 51GR18-E & 51GR24-E COOL/HEAT
51GR15-C & 51GR18-C & 51GR24-C COOL ONLY

SR	PART NAME	PART NUMBER	QUANTITY / UNIT					
			51GR-E			51GR-C		
			15	18	24	15	18	24
1	Blower Housing Plate	063-01004	1	1	1	1	1	1
2	Vent Door	063-01016	1	1	1	1	1	1
3	Blower 210 x 105 mm	026-00620	1	1	1	1	1	1
4	Evap Blower Housing	063-01003	1	1	1	1	1	1
5	Partition	063-01005	1	1	1	1	1	1
6	Partition Cover	363-13689	1	1	1	1	1	1
7	Fan Motor							
	7.1 Motor 1/6 HP - 1000/850/700 RPM	024-00194	1	1		1	1	
	7.2 Motor 1/4 HP - 1100/950/800 RPM	024-00134			1			1
8	Clip For Motor	021-00852	2	2	2	2	2	2
9	Filler Metal Assy	363-13617	1	1	1	1	1	1
10	Tie Support	063-01019	1	1	1	1	1	1
11	Propeller 5 Blades – 14” Diam	026-00431	1	1	1	1	1	1
12	Condenser Shroud	028-02869	1	1	1	1	1	1
13	Coil Guard	026-02607	1	1	1	1	1	1
14	Wire Cover	028-02522	1	1	1	1	1	1
15	Motor Bracket	063-00901	1	1	1	1	1	1
16	Evaporator Coil	026-00145	1	1		1	1	
		026-00143			1			1
17	Condensate Pan	026-02503	1	1	1	1	1	1
18	Compressor C/W Accessories							
	18.1 Sanyo Comp. 80614444	015-00235	1			1		
	18.2 Mitsushita Comp. (2JS324D3AC07)	015-00230		1			1	
	18.3 Mitsushita Comp. (2JS438D3FD02)	015-00242			1			1
19	Tubing	363-19269	1			1		
		363-19270		1			1	
		363-19271			1			1
20	Cabinet	363-01122	1	1	1	1	1	1
		363-01124						
21	Retainer for Sensor	028-02551	2	2	2	2	2	2
22	Condenser Coil	026-00211	1	1	1	1	1	1
23	Base Plate	363-01122	1	1		1	1	
		363-01124			1			1
24	Upper Holder Deflector	028-02526	1	1	1	1	1	1
25	Deflector Airsweep	028-02530	3	3	3	3	3	3
26	Cam Airsweep	028-02531	1	1	1	1	1	1
27	Bar Gang Airsweep	028-02529	1	1	1	1	1	1
28	Lower Holder Deflector	028-02527	1	1	1	1	1	1
29	Spring For Vent Door	021-00853	1	1	1	1	1	1
30	Vent Lever Bracket	028-02519	1	1	1	1	1	1
31	Vent Lever	028-02533	1	1	1	1	1	1
32	Discharge Deck	063-01011	1	1	1	1	1	1
33	Air Sweep Motor 2.08 RPM	024-00150	1	1	1	1	1	1
34	Vent Link	063-01015	1	1	1	1	1	1
35	Bushing Nylon	028-02520	2	2	2	2	2	2
36	Control Box Assy	363-13692		1			1	
		363-13745			1			1
	36.1 Dual Capacitor							
	36.1.1 Dual Capacitor 30 + 5 MFD/370VAC	024-00380	1			1		
	36.1.2 Dual Capacitor 45 + 5 MFD/370VAC	024-00649		1			1	
	36.1.3 Dual Capacitor 50 + 7.5 MFD/370VAC	024-00399			1			1
	36.2 Power Relay G7L – 2A – T	024-00451		1	1		1	1
	36.3 Bracket For Relay	024-00456		1	1		1	1
	36.4 Terminal Block YOE – PP03	025-01404		1	1		1	1
	36.5 Control Board PCB	363-13695		1	1		1	1
	36.6 Control Box	063-01386		1	1		1	1

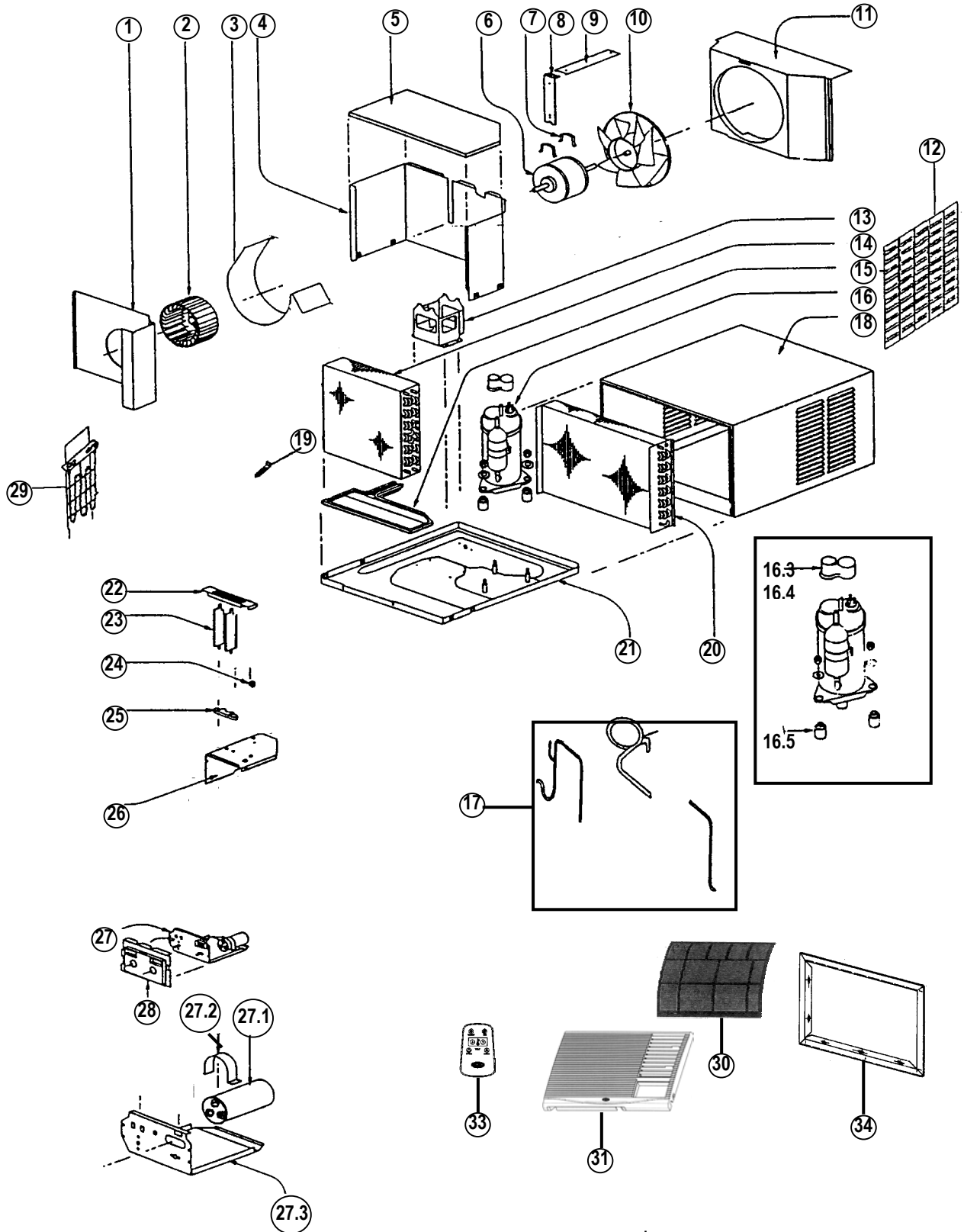


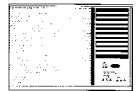
UNIT PART LIST (Cont.)
51GR15-E & 51GR18-E & 51GR24-E COOL/HEAT
51GR15-C & 51GR18-C & 51GR24-C COOL ONLY

SR	PART NAME	PART NUMBER	QUANTITY / UNIT					
			51GR-E			51GR-C		
			15	18	24	15	18	24
37	Display Board PCB	363-13714		1	1		1	1
38	Heater (Only for Cool / Heat Unit)							
	38.1 Heater 2 kW	025-00124	1			1		
	38.2 Heater 3.5 kW	025-00125		1			1	
	38.2 Heater 4 kW	025-00132			1			1
39	Air Filter Assy	028-02532	1	1	1	1	1	1
40	Decorative Front Grille	028-02528	1	1	1	1	1	1
41	Hook for Grille	021-00854	2	2	2	2	2	2
42	Remote Control	025-01411	1	1	1	1	1	1
43	Plastic Frame	028-02872	1	1	1	1	1	1



5. EXPLODED VIEW
51GR12-E COOL/HEAT
51GR12-C COOL ONLY





**6. UNIT PART LIST
51GR12-E COOL/HEAT
51GR12-C COOL ONLY**

SR	PART NAME	PART NUMBER	QUANTITY / UNIT	
			51GR12-E	51GR12-C
1	Blower Housing Plate	063-01004	1	1
2	Blower 210 x 105 mm	026-00620	1	1
3	Evap Blower Housing	063-01003	1	1
4	Partition	063-01005	1	1
5	Partition Cover	363-13689	1	1
6	Fan Motor 1/12 HP – 900/800/725/600 RPM	024-00094	1	1
7	Clip For Motor	021-00852	2	2
8	Filler Metal Assy	363-13617	1	1
9	Tie Support	063-01019	1	1
10	Propeller 5 Blades – 12" Diam	026-00402	1	1
11	Condenser Shroud	028-02175	1	1
12	Coil Guard	026-02607	1	1
13	Motor Bracket	063-01384	1	1
14	Evaporator Coil	026-00104	1	1
15	Condensate Pan	026-02505	1	1
16	Compressor C/W Accessories			
	16.1 Sanyo Comp. 80614444	015-00235	1	1
	16.2 Overload	024-00885	1	1
	16.3 Terminal Cover	028-01714	1	1
	16.4 Terminal Gasket	028-01716	1	1
	16.5 Grommet for Compressor	028-00324	3	3
17	Tubing	363-19268	1	1
18	Cabinet	363-13674	1	1
19	Retainer for Sensor	028-02511	2	2
20	Condenser Coil	026-00292	1	1
21	Base Plate	363-01004	1	1
22	Upper Holder Deflector	028-02526	1	1
23	Deflector Airsweep	028-02530	3	3
24	Cam Airsweep	028-02531	1	1
25	Lower Holder Deflector	028-02527	1	1
26	Discharge Deck	063-01011	1	1
27	Control Box Assy	363-13692		
	27.1 Dual Capacitor 30+5 MFD/370VAC	024-00380	1	1
	27.2 Terminal Block YOE – PP03	025-01404	1	1
	27.3 Control Board PCB	363-13694	1	1
	27.4 Control Box	063-01386	1	1
28	Display Board PCB	363-13740	1	1
29	Heater 2 kW	025-00124	1	1
30	Air Filter Assy	028-02532	1	1
31	Decorative Front Grille	028-02528	1	1
32	Hook for Grille	021-00854	2	2
33	Remote Control	025-01395	1	1
34	Plastic Frame	028-02871	1	1