

TABLE OF CONTENTS

1. PRECAUTION	2
2. GENERAL SPECIFICATIONS	3
3. NAMES OF MAJOR COMPONENTS	4
4. FUNCTION OF MAIN COMPONENTS	5
5. GENERAL INFORMATIONS	6
6. CARE AND MAINTENANCE	7
7. TROUBLE SHOOTING GUIDE	8
8. HOW TO DISASSEMBLE	10
9. WIRING DIAGRAM	11
10. REFRIGERANT CYCLE	12
11. EXPLODED DIAGRAM AND PARTS LIST	13

1. PRECAUTION

Please observe the following instructions.

1. Turn off unit.

Make sure the unit is OFF and the AC cord is unplugged before repairing or servicing.

2. In case of checking the circuit unavoidably while the unit is connected with power source, be careful not to connect with the part of electric charge.

You may cause electric shock.

3. Use of proper part if you need to replace the part, be sure to use genuine part of servicing model.

Do not repair or replace the electric contact part.

Consumer must not repair the unit, because it is dangerous.

4. Use of proper tool.

You must use the proper tool to repair the unit, and use the measuring appliance adjusted accurately.

5. Damage of electric wire and power cord when servicing.

Check electric wire and a surely replace a damage electric wire and a damage power cord.

6. Never use connecting the middle of wire, after cutting the middle of wire.

It may cause a fire and trouble.

7. Checking the insulation resistance.

After you complete the assembly of unit, surely check the insulation resistance.

Confirm that the insulation resistance of the power line and the ground terminal is over 30M Ω by measuring insulation resistance.

8. Checking the ground.

After checking the ground, servicing it completely.

9. Checking the installation.

After checking the installation, servicing it completely.

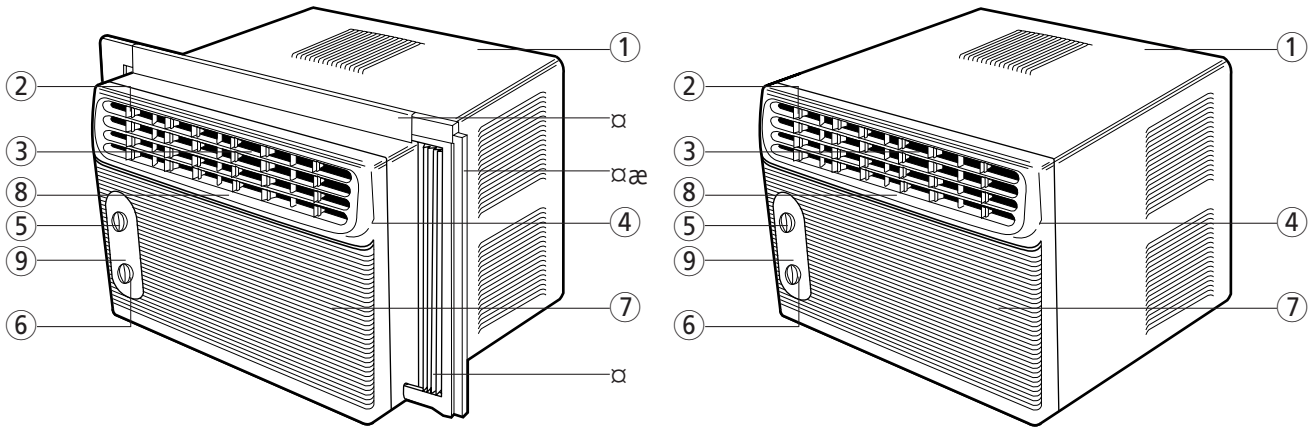
10. Care children.

When servicing, do not make the children approach the air-conditioner.

2. GENERAL SPECIFICATIONS

ITEM		MODEL	DWC-070C	DWC-091C
Function			Cooling only	
Power source			AC 115V, 60Hz, Single phase	
Cooling Capacity	Btu/h		7,390 Btu/h	9,000 Btu/h
	Kcal/h		1,862 Kcal/h	2,268 Kcal/h
Energy Efficiency Ratio	Btu/wh		10.0 Btu/wh	9,6 Btu/wh
	Kcal/wh		2.52 Kcal/wh	2.42 Kcal/wh
Dehumidification	Pts/h		2.36 Pts/h	3.04 Pts/h
Electrical Data	Power Input		739 W	938 W
	Running Current		7.2A	9.6A
Compressor	Type		Rotary	
	Model		QB110CL12A	QK141CN12A
	Capacitor		35 μ F-370VAC	40 μ F-370VAC
Motor	Model		A9525HS601-1	A9525HS602
	Capacitor		4 μ F-370VAC	7 μ F-370VAC
	Indoor-Fan		Blower-Fan	
	Outdoor-Fan		Propeller-Fan	
Dimensions	Unit(W x H x D)		18.5(W) x 13.8(H) x 18.9(D) Inch (470(W)x 350(H) x 480(D) mm)	
	PACKING(W x H x D)		21.3(W) x 17.3(H) x 21.7(D) inch (540(W)x 440(H) x 550(D) mm)	
Weight	Net Weight		63 lbs (28.5Kg)	65 lbs (29.5Kg)
	Gross Weight		66 lbs (30.0 Kg)	68 lbs (31.0Kg)

3.NAMES OF MAJOR COMPONENTS



NO	PART NAME	NO	PART NAME
1	CABINET	7	AIR INTAKE
2	BLADE VERTICAL	8	AIR FILTER
3	COOL AIR DISCHARGE	9	CONTROL PANEL
4	GRILL FRONT	10	PLATE WINDOW TOP
5	KNOB SELECTOR	11	FRAME WINDOW KIT
6	KNOB THERMOSTAT	12	SHUTTER WINDOW

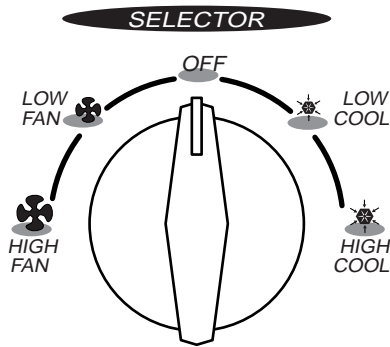
4. FUNCTION OF MAIN COMPONENTS

1. ROTARY SWITCH (SELECTOR)

Please refer to the part of selector in the chapter 9 (Wiring Diagram).

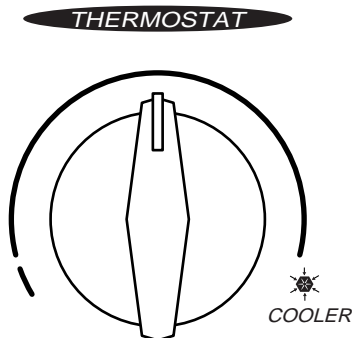
The rotary switch (selector) controls the fan motor's rotation speed, and has five positions.

The function of the five position is as follow.



- OFF: This position stops all operations of the air conditioner.
- HIGH COOL: This position provides the maximum air flow for rapid cooling, dehumidifying and dust removing operations. (Use this position on sultry summer days.)
- LOW COOL: This position provides the minimum air flow for quiet cooling, dehumidifying operations. (Use this position on suitable for night-time.)
- HIGH FAN: This position provides the maximum air flow alone fan operation without cooling operation.
- LOW FAN: This position provides the minimum air flow air flow alone fan operation without cooling operation.

2. THERMOSTAT (TEMPERATURE CONTROL)



- The Thermostat automatically starts and stops operation in order to keep the room temperature at a proper level, and this results in efficient use of power and economical cooling.
- Turn clockwise for a cooler room temperature.
- Turn counter-clockwise for a warmer room temperature.

3. MOTOR

The motor is used to rotate the indoor and outdoor fan so that the room air can be recirculated.

4. FAN

- BLOEWR FAN: The Blower draws hot air from the room through the Evaporator and then discharges it back into the cool air. It circulates the room air.
- PROPELLER FAN: The propeller draws outdoor air through louvering and cools Condenser, and then blows the hot air out.

5. CAPACITOR

The Capacitor enlarges the difference of phase between main coil and sub coil so that the Compressor and Fan Motor starts well.

6. ACCUMULATOR

The Accumulator blocks the unflow of liquid refrigerant and impurities into the Compressor.

5. GENERAL INFORMATIONS

1. CHANGING AIR FLOW DIRECTION

Air flow deflectors divert air from center flow to left or right.
Adjust deflectors for desired air flow pattern.

2. AIR FLOW AROUND UNIT

Check in door grill and outdoor louvers for air flow obstructions. Do not block air flow to and from unit. The outdoor coil should be checked and periodically cleaned for debris that may collect and block unit air flow. If air flow is obstructed or deflected back into unit, the compressor may cycle on and off rapidly, causing early compressor failure.

3. Electrical Grounding Instructions.

This appliance is equipped with a three-prong(grounding) plug for protection against possible shock hazards. If a two-prong wall receptacle is encountered, the customer is required to contact a qualified electrician and have the two-prong wall receptacle replaced with a properly grounded three-prong wall receptacle in accordance with the National Electrical Code.

4. USE OF EXTENSION CORDS

Because of potential safety hazards under certain conditions we strongly recommend against the use of an extension cord. However, if you still elect to use an extension cord, it is absolutely necessary that it be a UL listed 3-wire grounding type appliance extension cord rated has a 3-blade grounding plug and a 3-slot receptacle that will plug into appliance. The marked rating of the extension cord should be 115V 15A or more.

5. DRAIN HOLE AND WATER DRIPPING OUTSIDE

Locate drain hole at the rear of unit. Water in base pan is picked up by the fan blade and thrown onto the warm outdoor coil where it evaporates. The air conditioner must be installed level or tilted or slightly to the outside for proper water disposal. On exceptionally hot and humid days the air conditioner may permit excess water to pass thru rear drain hole or overflow. This should be considered normal.

6. CARE AND MAINTENANCE

1. AIR FILTER

Clean the air filter, which removes dust inside the room.

It should be washed at least once every week during operation.

1. Remove the Air Filter from the front grill by pulling up.
2. Clean Air Filter with a vacuum cleaner or lukewarm, soapy water.
3. Shake it when clean to remove moisture completely. Replace it.

2. CLEANING THE AIR CONDITIONER

1. At least once a year, remove cabinet and thoroughly clean air conditioner. Have the unit inspected by an authorized servicer to ensure unit is functioning properly.
2. Wash air conditioner with lukewarm, soapy water as needed. Rinse and dry thoroughly.
3. If using concentrated liquid detergent, dilute in warm water first.
4. Front grill may be wiped off with a cloth dampened in a mild detergent solution.
5. Cabinet may be washed with mild soap or detergent and lukewarm water, then polished with liquid wax for appliances.
6. Condenser and Evaporator coils should be cleaned at the beginning of each cooling season. Use a soft brush or vacuum cleaner to clean them, making sure that the Condenser and Evaporator coils are not damaged.
7. Do not use abrasive cleaners. These items scratch, crack and discolor surfaces.

7. TROUBLE SHOOTING GUIDE

TROUBLE	SITUATION	ANALYSIS	CAUSE	REMEDY
Fan motor and compressor do not run	1. Power failure	1) Power plug 2) Circuit breaker	1) Power failure 2) Circuit breaker is tripped 3) Power plug is not contacting	<ul style="list-style-type: none"> ⌋ Consult your electric company ⌋ In case of a breaker, turn it on and off a few times ⌋ Replace the power plug
	2. Power is supplied, but the equipment does not run	1) receptacle 2) Operation switch 3) Cord or lead wire to the switch	<ul style="list-style-type: none"> ⌋ Disconnection ⌋ Mechanical failure of switch 1) Disconnection 2) Malfunction of contact 	<ul style="list-style-type: none"> ⌋ Repair or replace the receptacle ⌋ Replace the cord or lead wire
Switch is in "cool" position but the compressor does not run	1. Not operating at all	1) Compressor	<ul style="list-style-type: none"> ⌋ Disconnection or burned-out 1) Failure 2) Malfunction 3) Knob is not set to the proper setting 	<ul style="list-style-type: none"> ⌋ Replace the compressor or connection wire ⌋ Replace ⌋ Repair or replace ⌋ Turn knob for cooler setting
		3) Selector switch	<ul style="list-style-type: none"> ⌋ Failure of malfunction of proper setting 	<ul style="list-style-type: none"> ⌋ Repair or replace the swtting ⌋ Repair
	4) O.L.P	<ul style="list-style-type: none"> 1) Disconnection 2) Malfunction of contact 	<ul style="list-style-type: none"> ⌋ Repair or replace ⌋ Replace 	
2. Compressor	1) Electricity	1) Electricity	<ul style="list-style-type: none"> 1) The voltage exceeded allowed range (110V-120V) 2) Capacity of wire is not sufficient 	<ul style="list-style-type: none"> ⌋ Consult your electric company ⌋ Check the capacity of wire ⌋ Ventilate well and remove the heat source
		2) Room temperature and outside temperature	<ul style="list-style-type: none"> ⌋ Extremely high ⌋ Burned-out 	<ul style="list-style-type: none"> ⌋ Replace
3. Frequent start and stop	1) Thermostat	3) Compressor	<ul style="list-style-type: none"> ⌋ Malfunction 	<ul style="list-style-type: none"> ⌋ Replace
		4) O.L.P	<ul style="list-style-type: none"> ⌋ Lack of capacity 	<ul style="list-style-type: none"> ⌋ Replace
		5) Capacitor	<ul style="list-style-type: none"> ⌋ Lack of capacity ⌋ Disconnection 	<ul style="list-style-type: none"> ⌋ Replace ⌋ Repair
2) Capacitor	2) Capacitor	2) Capacitor	<ul style="list-style-type: none"> ⌋ Malfunction 	<ul style="list-style-type: none"> ⌋ Replace
		3) O.L.P	<ul style="list-style-type: none"> ⌋ Lack of capacity 	<ul style="list-style-type: none"> ⌋ Replace
		3) O.L.P	<ul style="list-style-type: none"> ⌋ Malfunction 	<ul style="list-style-type: none"> ⌋ Replace

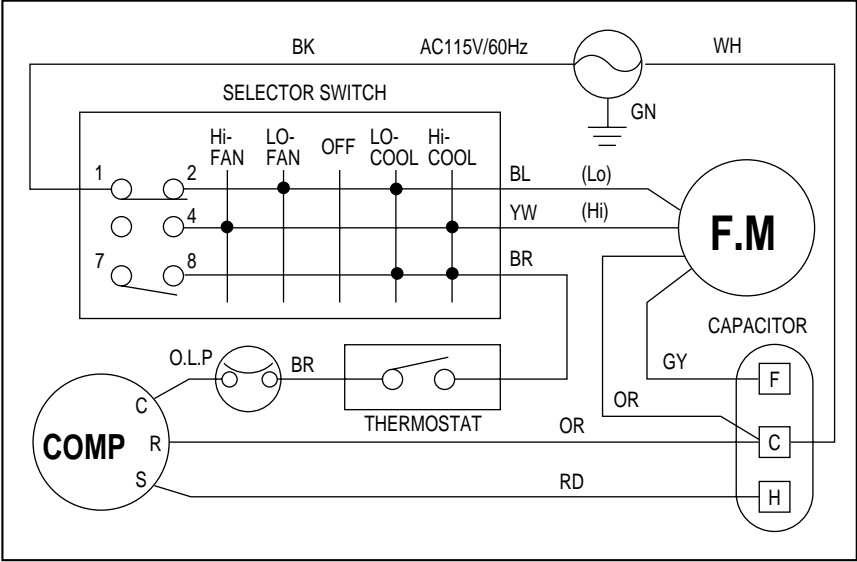
TROUBLE	SITUATION	ANALYSIS	CAUSE	REMEDY
The compressor runs but the motor doesn't run		1) Fan 2) Fan motor 3) Capacitor 4) Fan motor circuit	<ul style="list-style-type: none"> ⌋ Blocked by others ⌋ Disconnection or burned-out electric cord ⌋ Failure malfunction of contact ⌋ Disconnection of malfunction of contact 	<ul style="list-style-type: none"> ⌋ Repair ⌋ Replace the fan motor ⌋ Replace ⌋ Check the circuit
Both fan motor and compressor are running but cooling is bad	Not cooling at all	Refrigerant system	<ul style="list-style-type: none"> 1) Refrigerant system is choked 2) Compressor failure 3) Leakage of refrigerant gas 	<ul style="list-style-type: none"> ⌋ Repair ⌋ Repair ⌋ Recharge refrigerant gas
	Insufficient cooling	<ul style="list-style-type: none"> 1) Refrigerant system 2) Filter 3) Heat exchanger of condenser 	<ul style="list-style-type: none"> 1) Refrigerant system is choked 2) Compressor failure 3) Leakage of refrigerant gas 4) Refrigerant charge is too high ⌋ Clogged up with dust 1) Fin is clogged up with dust 2) The ventilation is not good 3) The unit is exposed to the sunlight 4) Other heat source is added in the room 	<ul style="list-style-type: none"> ⌋ Check and repair refrigerant system ⌋ Replace ⌋ Check a part of Leakage and repair ⌋ Repair and recharge ⌋ Clean the air filter ⌋ Clean the unit ⌋ Shade the unit from the sunlight ⌋ Remove the added heat source
Vibration & Noise		<ul style="list-style-type: none"> 1) Installation place 2) Fan 3) Fixing screws 4) Electric components 	<ul style="list-style-type: none"> ⌋ Installation of the unit is imperfectly done 1) Fan is contacted with obstacles 2) Fixing bolt ⌋ Have a screw loose ⌋ Electrical noise 	<ul style="list-style-type: none"> ⌋ Install the unit perfectly ⌋ Remove obstacles ⌋ Tighten the bolt ⌋ Tighten the screw ⌋ Exchange the components
Water leakage into room		⌋ Installation condition	⌋ The front is lower than rear side	⌋ Make rear side of the unit lower than the front
Electric shock (Leakage of current)		⌋ Insulation of components	<ul style="list-style-type: none"> 1) Insulation defect of wiring and lead wire 2) Leakage of current due to the dew or rust 	<ul style="list-style-type: none"> ⌋ Check the unit's Leakage of current. ⌋ Replace the defective parts or components

8. HOW TO DISASSEMBLE

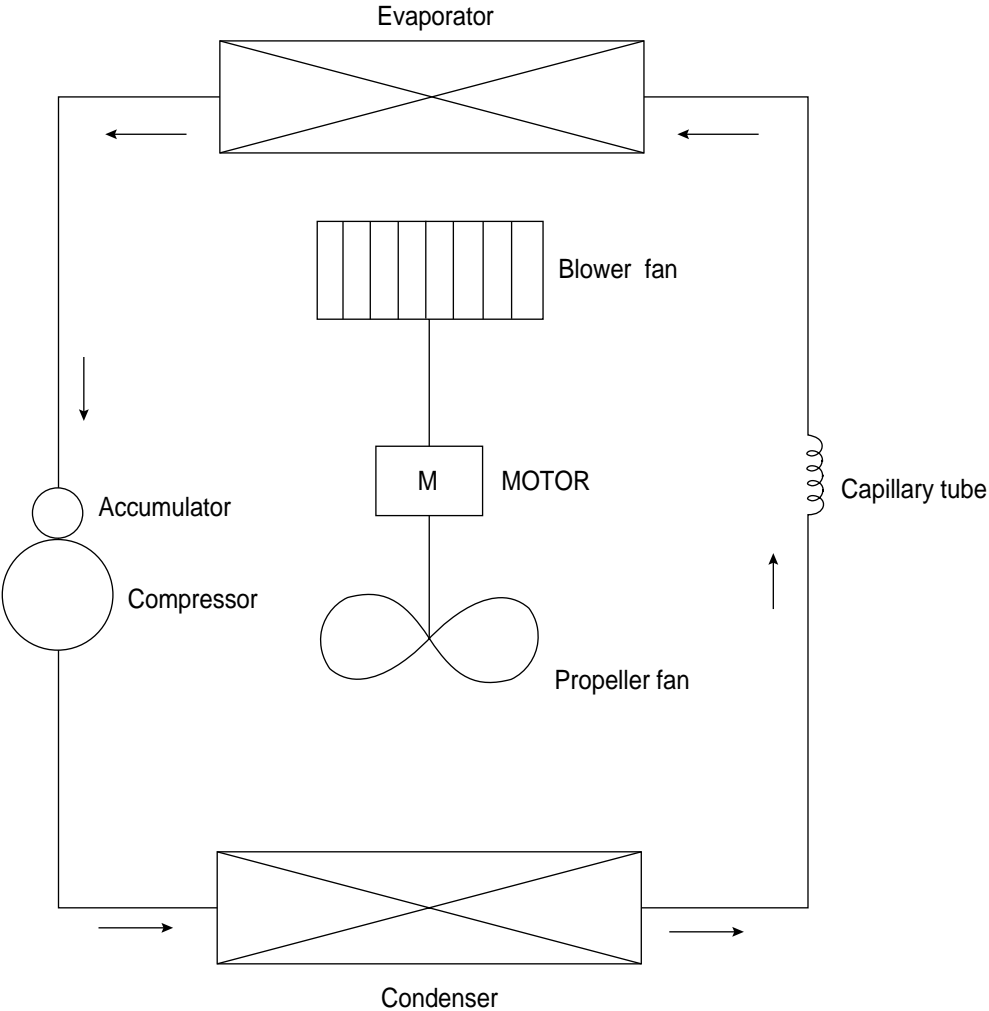
Please refer to the chapter 11 (Exploded diagram and parts list).

1	Before service of any part.	<ol style="list-style-type: none"> 1. Stop the unit, remove the power cord from the receptacles. 2. Move the unit to the safe location for the suitable work.
2	Ass'y Fan Motor - Fan Motor - Propeller Fan - Blower Fan	<ol style="list-style-type: none"> 1. Remove Front Grill <ul style="list-style-type: none"> - Remove Filter Pre. - Remove screw(1 point) in Front Grill. 2. Remove Cabinet from the unit. <ul style="list-style-type: none"> - Remove screws (8 point) from the unit's sides. 3. Remove Scroll upper. 4. Remove Plate Scroll <ul style="list-style-type: none"> - Remove screws (3 point) from Plate Scroll's sides. 5. Remove Ass'y Control Box <ul style="list-style-type: none"> - Remove screws (3 point). - Remove wires in the each components. 6. Remove wires in the Panel Housing. 7. Remove screws (7 point) from Ass'y Fan Motor's sides. <ul style="list-style-type: none"> - Ass'y Fan Motor is assembly of Fan Motor, Propeller and Blower Fan, Orifice and Panel Housing. 8. Lift the Ass'y Fan Motor from the unit. 9. Remove hex-nut (2 point) from the shaft of Fan Motor. 10. Remove Propeller Fan from the shaft of Fan Motor. 11. Remove Blower Fan from the shaft of Fan Motor. 12. Remove Fan Motor from Panel Housing. <ul style="list-style-type: none"> - Remove screws (4 point).
3	Ass'y Control Box - Rotary Switch (selector) - Thermostat - Capacitor - Power Cord	<ol style="list-style-type: none"> 1. Same as the procedure 1 to 5 in the Item 2.
4	O.L.P	<ol style="list-style-type: none"> 1. Same as the procedure 1 to 2 in the Item 2. 2. Remove Terminal Cover from Compressor. <ul style="list-style-type: none"> - Remove hex-nut (1 point).

9. WIRING DIAGRAM



10. REFRIGERANT CYCLE

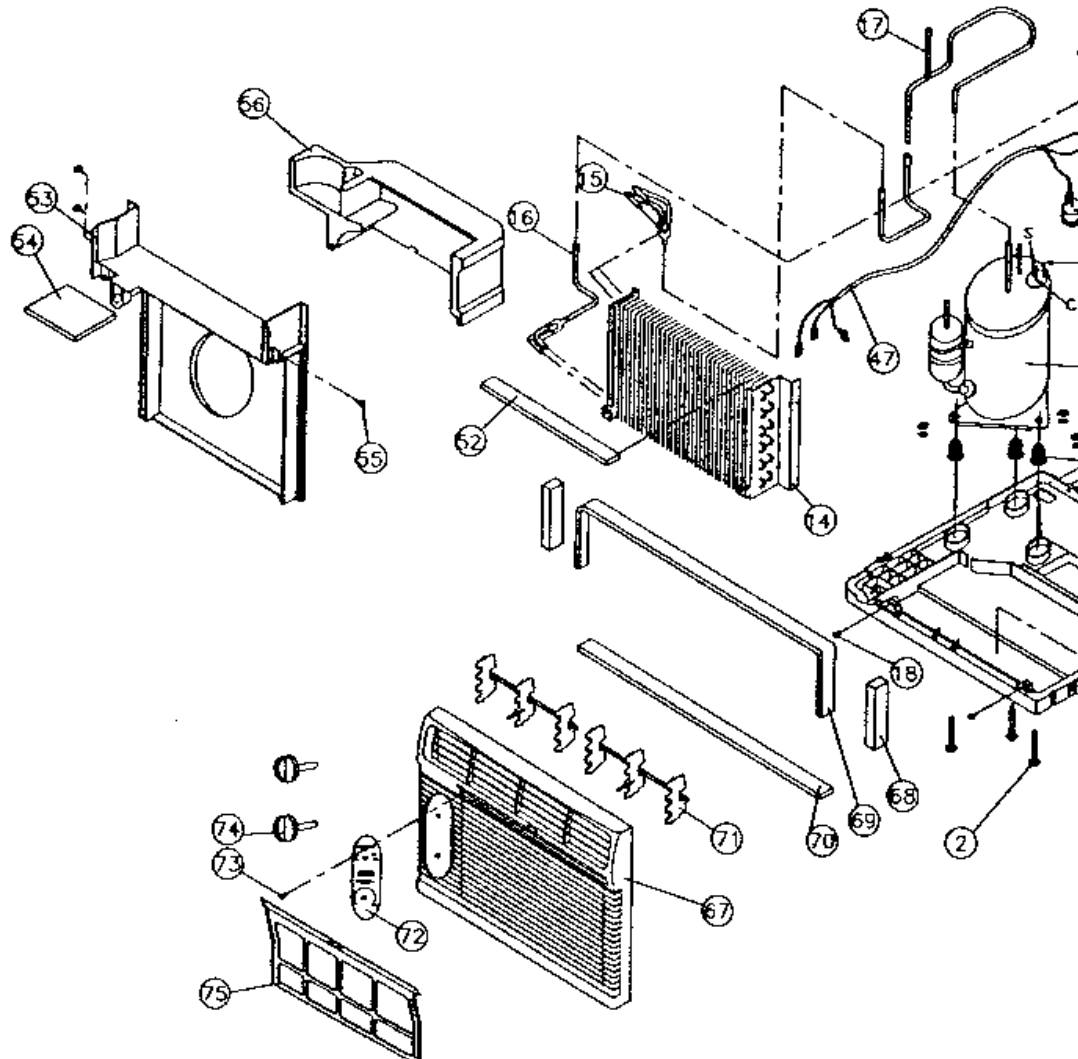
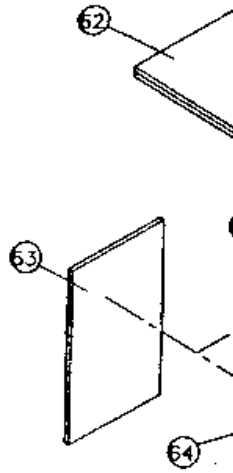
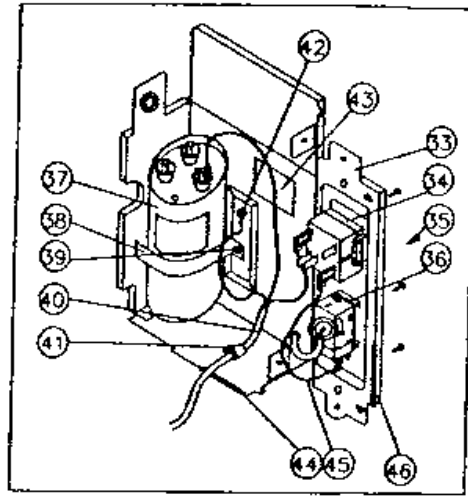


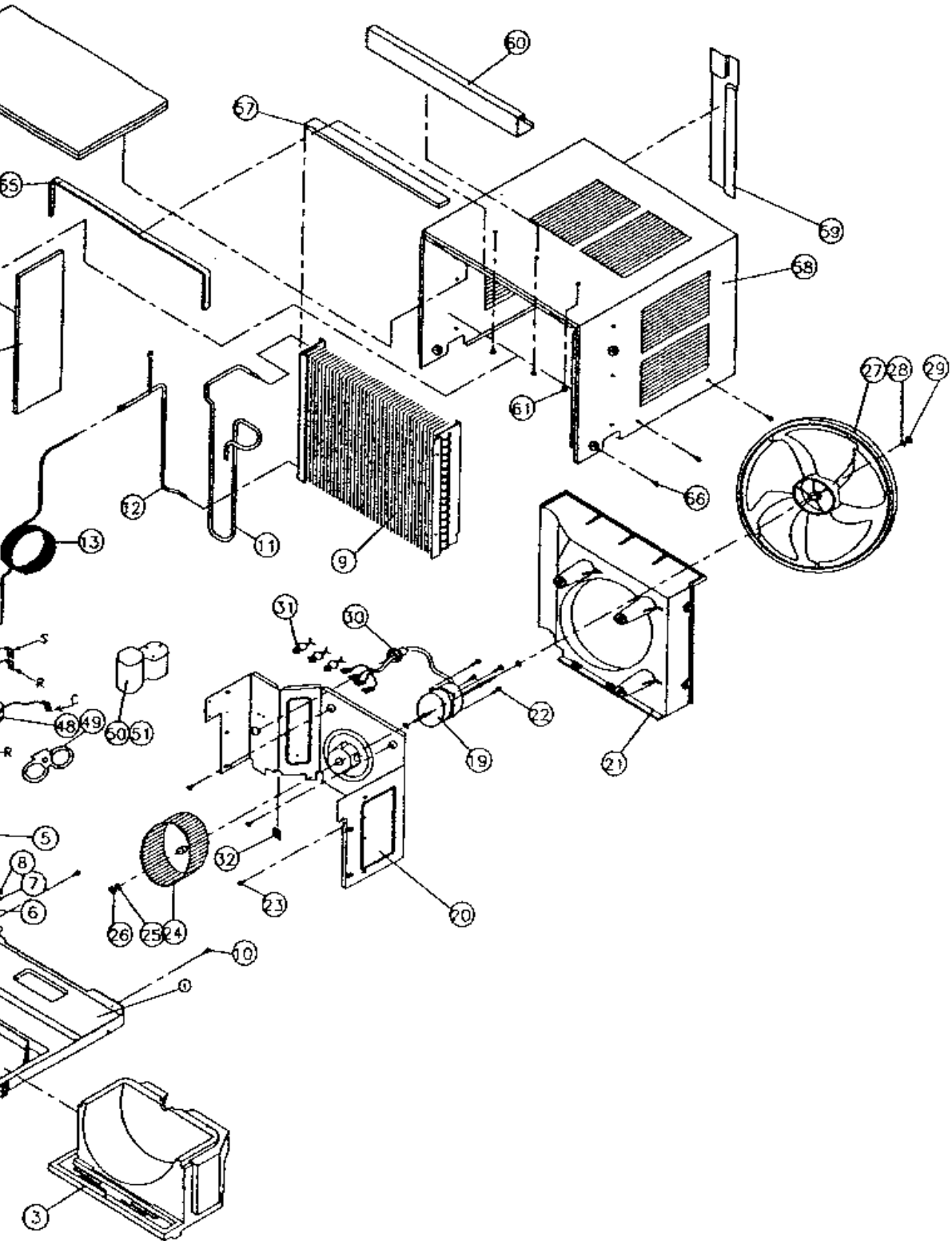
11. EXPLODED DIAGRAM AND PARTS LIST.

§ DWC-070C PARTS LIST

NO.	COMPONENTS	CODE	SPECIFICATION	Q'TY	REMARK
1	PAN BASE	3100300700	P.P T30% or P.P CaCl ₂ (40%)	1	
2	BOLT-COMP	3106002400	M8XP1.25	3	
3	SCROLL LOWER	3106600400	E.P.S	1	
4	SEALING PUTTY	2221040001	JOINT SEALER	0.05	Kg
5	COMPRESSOR	3100039100	QB110CL12A	1	
6	GROMMET	3108100000	EPDM 45	3	
7	WASHER PLAN	7400208411	IB 8.4 fTOD22 fTT1.6	3	
8	NUT LOCK	7392801211	M8P1.25(R)	3	
9	AS CONDENSOR	3100029400	2R fTIC fTT17S	1	
10	SCREW TAPPING	7112401211	T1 TRS 4X12	2	
11	PIPE COND IN	3104414400	OD7.94 fTT0.7	1	
12	AS PIPE CAPILLARY	3100034300	DWC-070C	1	
13	PIPE CAPI	3104414600	ID1.4	1	
14	AS EVAPORATOR	3100029300	2R fT2C fTT12S	1	
15	AS PIPE EVA OUT	3100034500	C122OT-OD0.7	1	
16	AS PIPE EVA IN	3100034400	C122OT-OD0.7	1	
17	AS PIPE SUCTION	3100034600	OD9.52	1	
18	SCREW TAPPING	7112401211	T1 TRS 4X12	2	
19	MOTOR FAN	3108002710	A9525HS601-1	1	
20	PANEL HOUSING	3104201500	SGCC(Z-27) T1.0	1	
21	COVER ORIFICE	3101402400	PP	1	
22	SCREW TAPTITE	7S432X4081	TT3 TRS SE 4X8	4	
23	SCRE TAPPING	7122401211	T2S TRS 4X12	3	
24	FAN BLOWER	3101801820	ABS+GF20%	1	
25	WASHER PLAIN	3106000600	M6X19.8	1	
26	NUT HEX(R)	3106000500	M6(R)	1	
27	FAN PROPELLER	3101801910	ABS	1	
28	WASHER PLAIN	3106000600	M6X19.8	1	
29	NUT HEX(L)	3106000400	M6(L)	1	
30	BUSHING GUIDE	3100700600	NBR	1	
31	LOCK TWIST STANDOFF	3103800400	DASTL-3NA	3	
32	BUSHING HOUSING	3100700900	NBR	1	
33	CONTROL BOX	3100504000	SGCC T0.8	1	
34	ROTARY S/W	5S10503100	SRB315-4-7D (DAESUNG)	1	
35	SCREW MACHINE	7001400611	M/C PAN 4X6	4	
36	THERMOSTAT	5SM0101600	PFA 602D-06B	1	
37	CAPACITOR	3109501600	4+35uF/370VAC	1	
38	CLAMP CAPACITOR	3101201600	SGCC T0.8	1	
39	SCREW TAPTITE	7S432X4081	TT3 TRS SE 4X8	1	
40	POWER CORD	3101397900	SJT AWG #16X3	1	
41	SCREW TAPTITE	7S432X4081	TT3 TRS SE 4X8	1	
42	SCREW TAPTITE	7S432X4081	TT3 TRS SE 4X8	1	
43	LABEL CIRCUIT	3103520500	P.E T0.05	1	
44	BUSHING COVER	3100701100	DACB-008	0.4	
45	HARNESS ROTARY SW	3102702100	AWG-16 UL (BR)	1	
46	SEAL CONT BOX	3108502900	F-PE T0.5	1	
47	HARNESS COMP AS	3102702000	AWG-16 UL (BR/RD/OR)	1	
48	OLP	—	MRA 12061-12026	1	
49	GASKET	—	SILICON	1	
50	COVER TERMINAL	—	P.C	1	
51	NUT	—	HEXAGON FLANGE	1	
52	SEAL EVA TOP	3108502700	F-US L350X40XT5	1	
53	PLATE SCROLL	3104504800	PP+T30%	1	
54	SEAL SCROLL	3108503800	F-US L115X60XT5	1	
55	SCREW TAPPING	7122401211	T2S TRS 4X12	3	
56	SCROLL UPPER	3106600300	EPS	1	
57	SEAL COND TOP	3108502800	F-US L400X30XT10	1	
58	AS CABINET	3100034900	SGCC T0.8	1	PAINT
60	PLT WINDOW TOP	3104505600	SECC T1.2	1	PAINT
61	SCREW TAPPING	7112401211	T2S TRS 4X12	3	
62	SEAL CAB TOP	3108503100	F-US L470X155X10	1	
63	SEAL CAB SIDE(R)	3108503400	F-US L310X155XT5	1	
64	SEAL CAB SIDE(L)	3108503200	F-US L310X90XT5	1	
65	SEAL CAB FLANGE	3108503000	F-US L540X10XT5	1	
66	SCREW TAPPING	7112401211	T2S TRS 4X12	6	
67	GRILLE FRONT	3102401900	ABS	1	
68	SEAL FRONT (C)	3108503700	F-US L80X20XT30	2	
69	SEAL FRONT (A)	3108503500	F-US L600X20XT10	1	
70	SEAL FRONT (B)	3108503600	F-US L420X20XT10	1	
71	BLADE	3106501100	PP	2	
72	DECO FRONT	3101600400	PC T0.4	1	
73	SCREW TAPPING	7112400811	T1 TRS 4X8 MFZN	1	
74	AS KNOB	3100035200	ABS	2	
75	FILTER PRE	3101901800	ABS (MESH #32)	1	

§ DWC-070C EXPLODED DIAGRAM





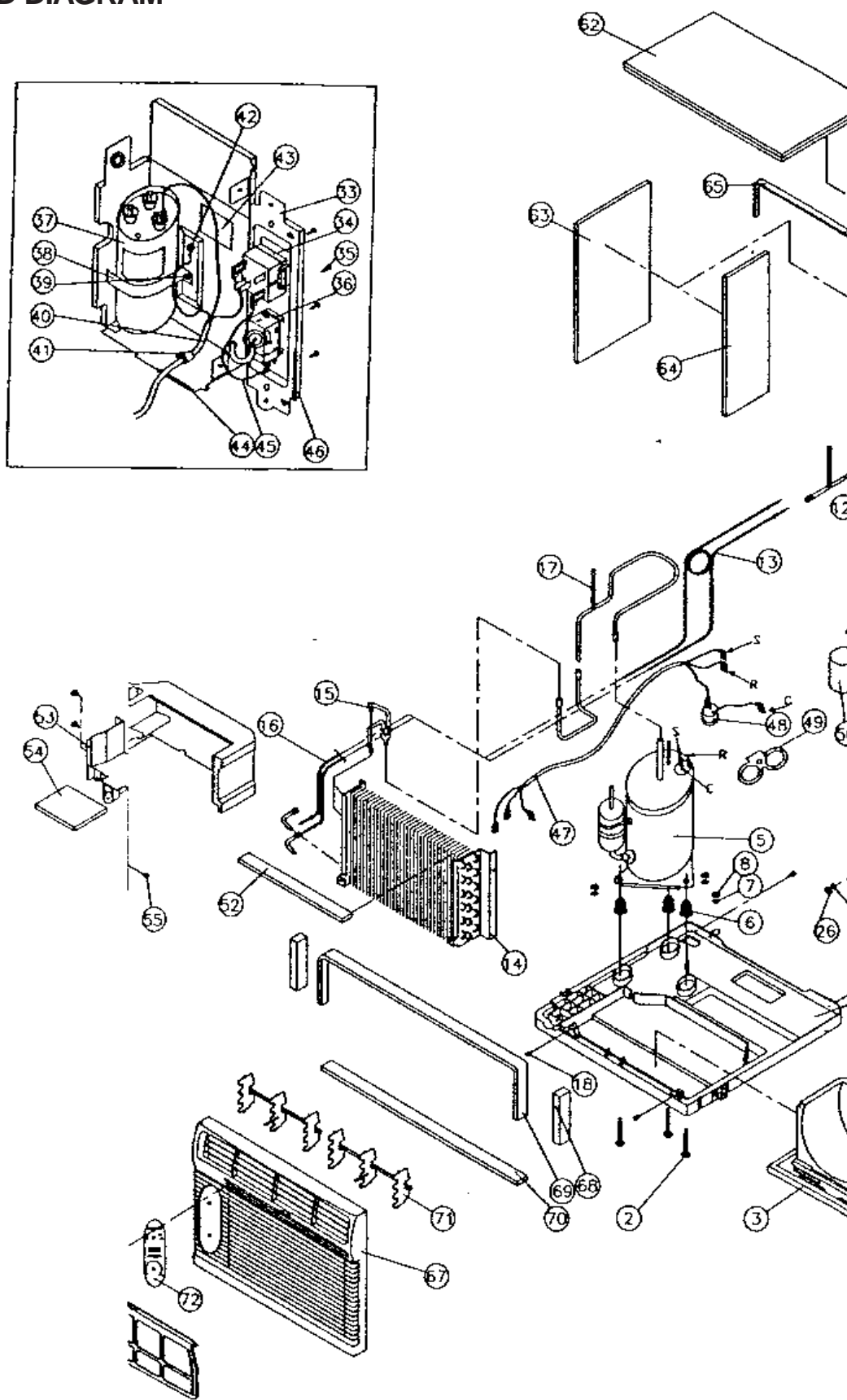
§ DWC-091C PARTS LIST

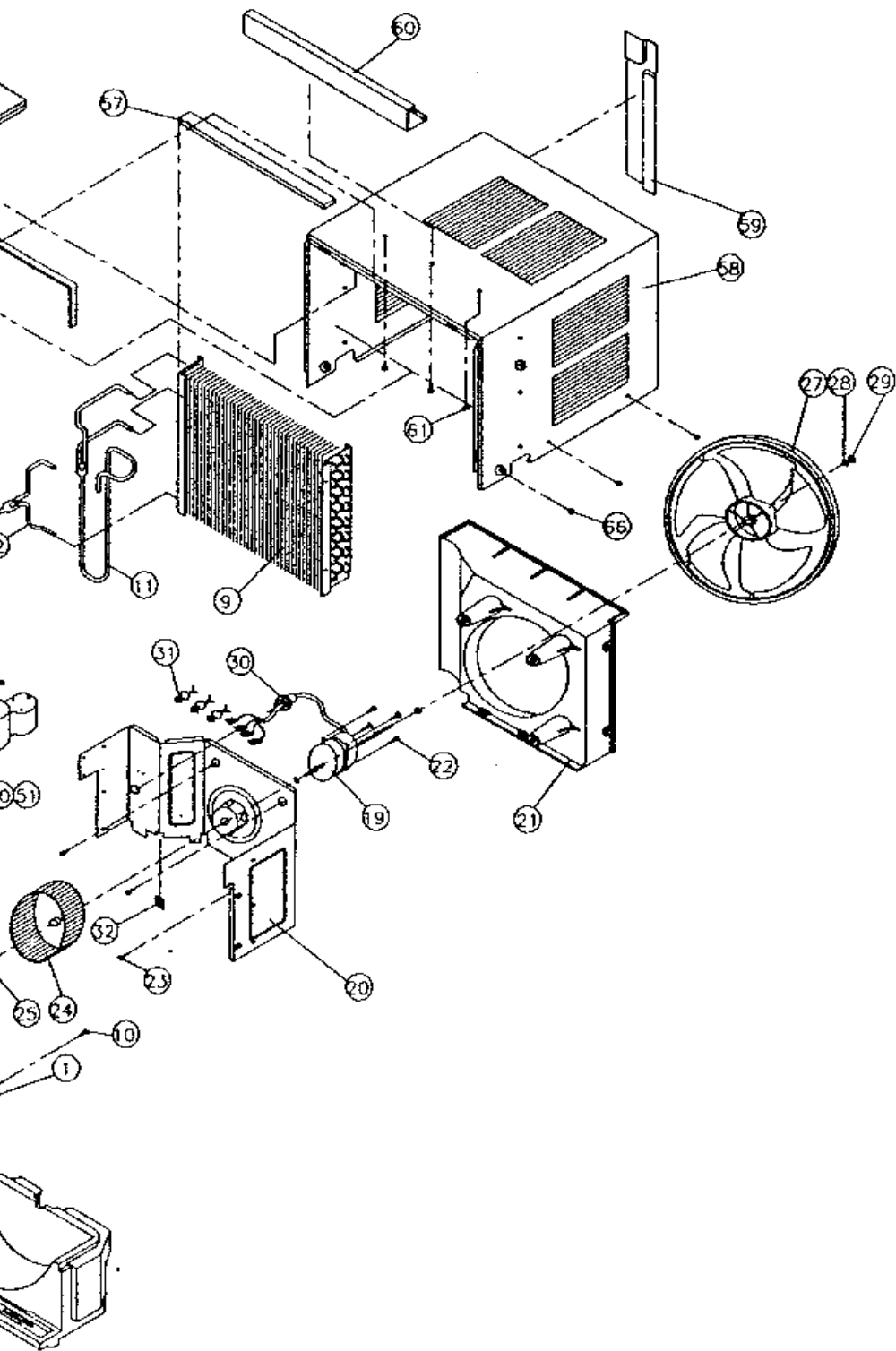
NO.	COMPONENTS	CODE	SPECIFICATION	Q'TY	REMARK
1	PAN BASE	3100300700	P.P T30% or P.P CaCl ₃ (40%)	1	
2	BOLT-COMP	3106002400	M8XP1.25	3	
3	SCROLL LOWER	3106600400	EPS	1	
4	SEALING PUTTY	2221040001	JOINT SEALER	0.05	Kg
5	COMPRESSOR	3100049300	QK141CN12A	1	
6	GROMMET	3108100000	NBR	3	
7	WASHER PLAN	3106000600	T1.0		
8	NUT HEX(R)	3106000500	M6(R)		
9	AS CONDENSOR	3100049700	3R f12C f117S	1	
10	SCREW TAPPING	7112401211	T1 TRS 4X12	2	
11	AS PIPE COND IN	3104414400	C122OT-OL	1	
12	AS PIPE CAPILLARY	3100034300	DWC-091C	1	
13	PIPE CAPI	3104401400	ID1.0	2	
14	AS EVAPORATOR	3100049600	3R f12C f112S	1	
15	AS PIPE EVA OUT	3100050000	C122OT-OD0.7	1	
16	AS PIPE EVA IN	3100034400	C122OT-OD0.7	1	
17	AS PIPE SUCTION	3100050100	OD9.52	1	
18	SCREW TAPPING	7112401211	T1 TRS 4X12	2	
19	MOTOR FAN	3108003500	A9525HS602	1	
20	PANEL HOUSING	3104201500	SGCC T1.0 (Z-27)	1	
21	COVER ORIFICE	3101402400	PP	1	
22	SCREW TAPTITE	7S432X4081	TT3 TRS SE 4X8	4	
23	SCRE TAPPING	7122401211	T2S TRS 4X12	3	
24	FAN BLOWER	3101801820	ABS	1	
25	WASHER PLAIN	3106000600	M6X19.8	1	
26	NUT HEX(R)	3106000500	M6(R)	1	
27	FAN PROPELLER	3101801910	ABS+GF20%	1	
28	WASHER PLAIN	3106000600	M6X19.8	1	
29	NUT HEX(L)	3106000400	M6(L)	1	
30	BUSHING GUIDE	3100700600	NBR	1	
31	LOCK TWIST STAND OFF	3103800400	DASTL-3NA	3	
32	BUSHING HOUSING	3100700900	NBR	1	
33	CONTROL BOX	3100504000	SGCC T0.8	1	
34	ROTARY S/W	5S10503100	SRB315-4-7D	1	
35	SCREW MACHINE	7001400611	M/C PAN 4X6	4	
36	THERMOSTAT	5SM0101600	PFA 602D-06B	1	
37	CAPACITOR	3109502200	7+40uF/370VAC	1	
38	CLAMP CAPACITOR	3101201600	SGCC T0.8	1	
39	SCREW TAPTITE	7S432X4081	TT3 TRS SE 4X8	1	
40	POWER CORD	3101397900	SJT AWG #16X3	1	
41	SCREW TAPTITE	7S432X4081	TT3 TRS SE 4X8	1	
42	SCREW TAPTITE	7S432X4082	TT3 TRS SE 4X8	1	
43	LABEL CIRCUIT	3103512000	P.E T0.05	1	
44	BUSHING COVER	3100701100	DACB-008	0.4	
45	HARNES ROT S/W	3102702100	AWG-16 UL (BR)	1	
46	SEAL CONT BOX	3108502900	F-PE T0.5	1	
47	HARNES COMP AS	3102702000	AWG-16 UL (BR/RD/OR)	1	
48	OLP		MRA 12022-12004	1	
49	GASKET		SILICON	1	
50	COVER TERMINAL		P.C	1	
51	NUT		HEXAGON FLANGE	1	
52	SEAL EVA TOP	3108502700	F-US L350X40XT5	1	
53	PLATE SCROLL	3104504800	PP+T30%	1	
54	SEAL SCROLL	3108503800	F-US L115X60XT5	1	
55	SCREW TAPP	7122401211	T2S TRS 4X12	3	
56	SCROLL UPPER	3106600300	EPS	1	
57	SEAL COND TOP	3108502800	F-US L400X30XT10	1	
58	AS CABINET	3100034900	SGCC T0.8	1	PAINT
60	PLT WINDOW TOP	3104505600	SECC T1.2	1	PAINT
61	SCREW TAPPING	7112401211	T2S TRS 4X12	3	
62	SEAL CAB TOP	3108503100	F-US L470X155X10	1	
63	SEAL CAB SIDE(R)	3108503400	F-US L310X155XT5	1	
64	SEAL CAB SIDE(L)	3108503200	F-US L310X90XT5	1	
65	SEAL CAB FLANGE	3108503000	F-US L540X10XT5	1	
66	SCREW TAPPING	7112401211	T2S TRS 4X12	6	
67	GRILLE FRONT	3102401900	ABS	1	
68	SEAL FRONT (C)	3108503700	F-US L80X20XT30	2	
69	SEAL FRONT (A)	3108503500	F-US L600X20XT10	1	
70	SEAL FRONT (B)	3108503600	F-US L420X20XT10	1	
71	BLADE	3106501100	PP	2	
72	DECO FRONT	3101600400	PC T0.4	1	
73	SCREW TAPPING	7112400811	T1 TRS 4X8 MFZN	1	
74	AS KNOB	3100035200	ABS	2	
75	FILTER PRE	3101901800	ABS (MESH #32)	1	

§ DWC-091C PARTS LIST

NO.	COMPONENTS	CODE	SPECIFICATION	Q'TY	REMARK
1	PAN BASE	3100300700	P.P T30% or P.P CaCl ₃ (40%)	1	
2	BOLT-COMP	3106002400	M8XP1.25	3	
3	SCROLL LOWER	3106600400	EPS	1	
4	SEALING PUTTY	2221040001	JOINT SEALER	0.05	Kg
5	COMPRESSOR	3100049300	QK141CN12A	1	
6	GROMMET	3108100000	NBR	3	
7	WASHER PLAN	3106000600	T1.0		
8	NUT HEX(R)	3106000500	M6(R)		
9	AS CONDENSOR	3100049700	3R f12C f117S	1	
10	SCREW TAPPING	7112401211	T1 TRS 4X12	2	
11	AS PIPE COND IN	3104414400	C122OT-OL	1	
12	AS PIPE CAPILLARY	3100034300	DWC-091C	1	
13	PIPE CAPI	3104401400	ID1.0	2	
14	AS EVAPORATOR	3100049600	3R f12C f112S	1	
15	AS PIPE EVA OUT	3100050000	C122OT-OD0.7	1	
16	AS PIPE EVA IN	3100034400	C122OT-OD0.7	1	
17	AS PIPE SUCTION	3100050100	OD9.52	1	
18	SCREW TAPPING	7112401211	T1 TRS 4X12	2	
19	MOTOR FAN	3108003500	A9525HS602	1	
20	PANEL HOUSING	3104201500	SGCC T1.0 (Z-27)	1	
21	COVER ORIFICE	3101402400	PP	1	
22	SCREW TAPTITE	7S432X4081	TT3 TRS SE 4X8	4	
23	SCRE TAPPING	7122401211	T2S TRS 4X12	3	
24	FAN BLOWER	3101801820	ABS	1	
25	WASHER PLAIN	3106000600	M6X19.8	1	
26	NUT HEX(R)	3106000500	M6(R)	1	
27	FAN PROPELLER	3101801910	ABS+GF20%	1	
28	WASHER PLAIN	3106000600	M6X19.8	1	
29	NUT HEX(L)	3106000400	M6(L)	1	
30	BUSHING GUIDE	3100700600	NBR	1	
31	LOCK TWIST STAND OFF	3103800400	DASTL-3NA	3	
32	BUSHING HOUSING	3100700900	NBR	1	
33	CONTROL BOX	3100504000	SGCC T0.8	1	
34	ROTARY S/W	5S10503100	SRB315-4-7D	1	
35	SCREW MACHINE	7001400611	M/C PAN 4X6	4	
36	THERMOSTAT	5SM0101600	PFA 602D-06B	1	
37	CAPACITOR	3109502200	7+40uF/370VAC	1	
38	CLAMP CAPACITOR	3101201600	SGCC T0.8	1	
39	SCREW TAPTITE	7S432X4081	TT3 TRS SE 4X8	1	
40	POWER CORD	3101397900	SJT AWG #16X3	1	
41	SCREW TAPTITE	7S432X4081	TT3 TRS SE 4X8	1	
42	SCREW TAPTITE	7S432X4082	TT3 TRS SE 4X8	1	
43	LABEL CIRCUIT	3103512000	P.E T0.05	1	
44	BUSHING COVER	3100701100	DACB-008	0.4	
45	HARNES ROT S/W	3102702100	AWG-16 UL (BR)	1	
46	SEAL CONT BOX	3108502900	F-PE T0.5	1	
47	HARNES COMP AS	3102702000	AWG-16 UL (BR/RD/OR)	1	
48	OLP		MRA 12022-12004	1	
49	GASKET		SILICON	1	
50	COVER TERMINAL		P.C	1	
51	NUT		HEXAGON FLANGE	1	
52	SEAL EVA TOP	3108502700	F-US L350X40XT5	1	
53	PLATE SCROLL	3104504800	PP+T30%	1	
54	SEAL SCROLL	3108503800	F-US L115X60XT5	1	
55	SCREW TAPP	7122401211	T2S TRS 4X12	3	
56	SCROLL UPPER	3106600300	EPS	1	
57	SEAL COND TOP	3108502800	F-US L400X30XT10	1	
58	AS CABINET	3100034900	SGCC T0.8	1	PAINT
60	PLT WINDOW TOP	3104505600	SECC T1.2	1	PAINT
61	SCREW TAPPING	7112401211	T2S TRS 4X12	3	
62	SEAL CAB TOP	3108503100	F-US L470X155X10	1	
63	SEAL CAB SIDE(R)	3108503400	F-US L310X155XT5	1	
64	SEAL CAB SIDE(L)	3108503200	F-US L310X90XT5	1	
65	SEAL CAB FLANGE	3108503000	F-US L540X10XT5	1	
66	SCREW TAPPING	7112401211	T2S TRS 4X12	6	
67	GRILLE FRONT	3102401900	ABS	1	
68	SEAL FRONT (C)	3108503700	F-US L80X20XT30	2	
69	SEAL FRONT (A)	3108503500	F-US L600X20XT10	1	
70	SEAL FRONT (B)	3108503600	F-US L420X20XT10	1	
71	BLADE	3106501100	PP	2	
72	DECO FRONT	3101600400	PC T0.4	1	
73	SCREW TAPPING	7112400811	T1 TRS 4X8 MFZN	1	
74	AS KNOB	3100035200	ABS	2	
75	FILTER PRE	3101901800	ABS (MESH #32)	1	

§ DWC-091C EXPLODED DIAGRAM





S/M NO.: DWC070C010

DAEWOO ELECTRONICS CO., LTD.

686, AHYEON-DONG MAPO-GU SEOUL, KOREA

C.P.O. BOX 8003 SEOUL, KOREA

TELEX: DWELEC K28177-8

CABLE: "DAEWOOELEC"

FAX: 02) 590-6291

TEL: 02) 360-7114/590-6151~5

<http://www.dwe.daewoo.co.kr>

PRINTED DATE: NOV.1998

DAEWOO

Service Manual

Window Type Room Air Conditioner

Model: DWC-070C

DWC-091C



This instrument is listed by Underwriter Laboratories, Inc. It is designed and manufactured to meet rigid U.L. safety standards against X-radiation, fire, casualty and electrical hazards.

DAEWOO ELECTRONICS CO., LTD.

