website http://biz.lgservice.com
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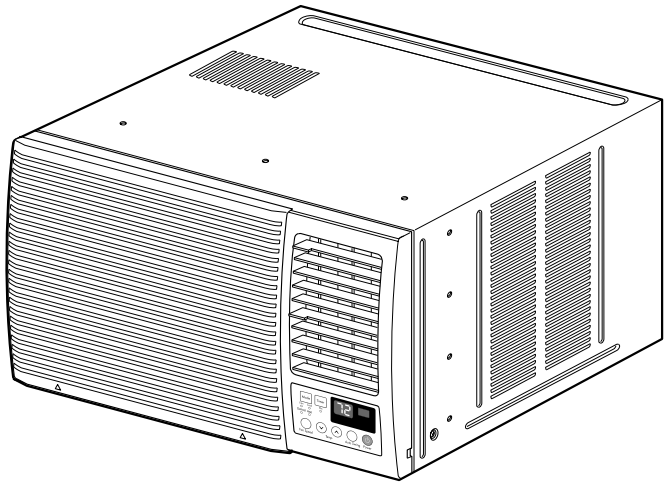
ROOM AIR CONDITIONER
SERVICE MANUAL

CAUTION
- BEFORE SERVICING THE UNIT,
  READ THE "SAFETY PRECAUTIONS" IN THIS MANUAL.
- ONLY FOR AUTHORIZED SERVICE



MODELS: LWC183MGMJ1, LWC183MSMM1, LWC183MGAB1

CONTENTS

1. PREFACE

This service manual provides various service information, including the mechanical and electrical parts, etc.
This room air conditioner was manufactured and assembled under a strict quality control system.
The refrigerant is charged at the factory. Be sure to read the safety precautions prior to servicing the unit.

1.1 SAFETY PRECAUTIONS

1. When servicing, set the POWER of CONTROL BOARD to Off and unplug the power cord.
2. Observe the original lead dress.
   If a short circuit is found, replace all parts which have been overheated or damaged by the short circuit.
3. After servicing, make an insulation resistance test to prevent the customer's exposure to shock hazards.

1.2 INSULATION RESISTANCE TEST

1. Unplug the power cord and connect a jumper between 2 pins (black and white).
2. The grounding conductor (green or green and yellow) is to be open.
3. Measure the resistance value with an ohm meter between the jumpered lead and each exposed metallic part on the equipment at all Mode [except POWER OFF].
4. The value should be over 1 MΩ.

1.3 SPECIFICATIONS

MODELS / ITEMS		LWC183MGMJ1	LWC183MSMM1	LWC183MGAB1
POWER SUPPLY		1Ø,208/230V,60Hz		
COOLING CAPACITY		17,500/18,000		
INPUT		1,800/1,850		
RUNNING CURRENT		9.0/8.3		
REFRIGERANT(R-22)		625g(22oz)		
OPERATING TEMPERATURE	INDOOR	26.7(DB),19.4(WB)		
	OUTDOOR	35(DB),23.9(WB)		
EVAPORATOR		2 ROW 15STACKS		
CONDENSER		2 ROW 19STACKS		
FAN,INDOOR		TURBO		
FAN,OUTDOOR		PROPELLER TYPE FAN WITH SLINGER-RING		
FAN SPEEDS,FAN/COOLING		3/3		2/3
FAN MOTOR		6 POLES		
OPERATION CONTROL		WIRELESS REMOCON		ROTARY SWITCH
ROOM TEMP.CONTROL		THERMISTOR		THERMOSTAT
AIR DIRECTION CONTROL		VERTICAL LOUVER(RIGHT&LEFT)		
		HORIZONTAL LOUVER (UP&DOWN)		
CONSTRUCTION		SLIDE IN-OUT CHASSIS		
PROTECTOR	COMPRESSOR	INTERNAL OVERLOAD PROTECTOR		
	FAN MOTOR	INTERNAL THERMAL PROTECTOR		
POWER CORD		3 WIRE WITH GROUNDING		
		CORD-CONNECTED TYPE (ATTACHMENT PLUG:OPTION)		
DRAIN SYSTEM		DRAIN PIPE OR SPLASHED BY FAN SLINGER		
NET WEIGHT		130/60		
OUTSIDE DIMENSION	(inch)	26 x 16 27/32 x 26 9/16		
	(mm)	660 x 428 x 675		

* DB:Dry Bulb ** WB:Wet Bulb

NOTE : Specifications are subject to minor change without notice for further improvement.

1.4 FEATURES

- Designed for cooling only.
- Powerful and quiet cooling.
- Slide-in and slide-out chassis for the simple installation and service.
- Reversible inlet grille.
- Side air-intake, side cooled-air discharge.
- Built in adjustable THERMISTOR.
- Washable one-touch filter.
- Compact size.

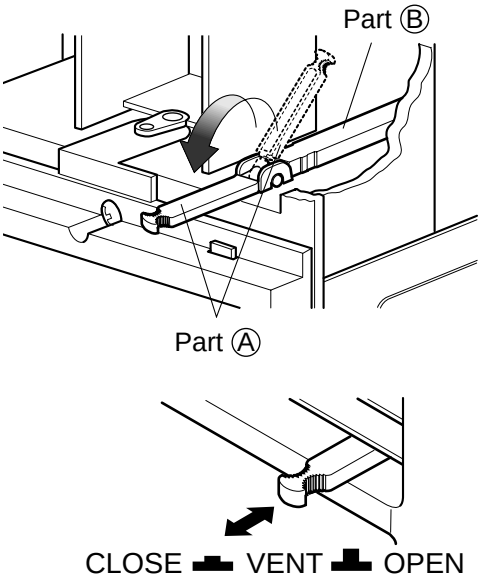
1.5 CONTROL LOCATIONS

• VENTILATION

The ventilation lever must be in the CLOSE position in order to maintain the best cooling conditions.
When a fresh air is necessary in the room, set the ventilation lever to the OPEN position.
The damper is opened and room air is exhausted.

NOTE: Before using the ventilation feature, make the lever, as shown. First, pull down part Ⓐ to horizontal line with part Ⓑ.

Precaution: The Remote Control unit will not function properly if strong light strikes the sensor window of the air conditioner or if there are obstacles between the Remote Control unit and the air conditioner.



• THERMOSTAT

Thermostat will automatically control the temperature of the room. Select the higher number for the lower temperature of the room. The temperature is selected by positioning the knob to the desired position.

The **5** or **6** position is a normal setting for average conditions.

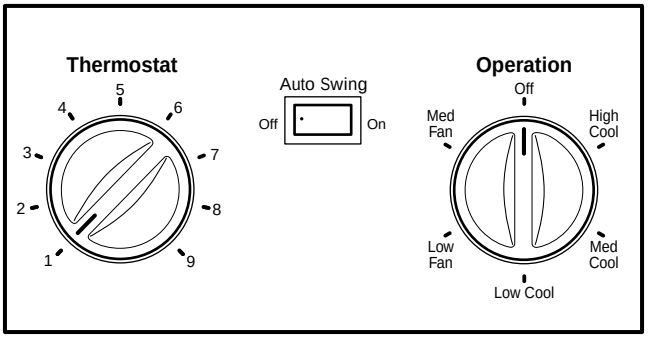
• OPERATION

OFF : Turns the air conditioner off.
MED FAN : Permits the medium fan speed operation without cooling.
LOW FAN : Permits the low fan speed operation without cooling.
HIGH COOL: Permits cooling with the high fan speed operation.
MED COOL : Permits cooling with the medium fan speed operation.
LOW COOL: Permits cooling with the low fan speed operation.

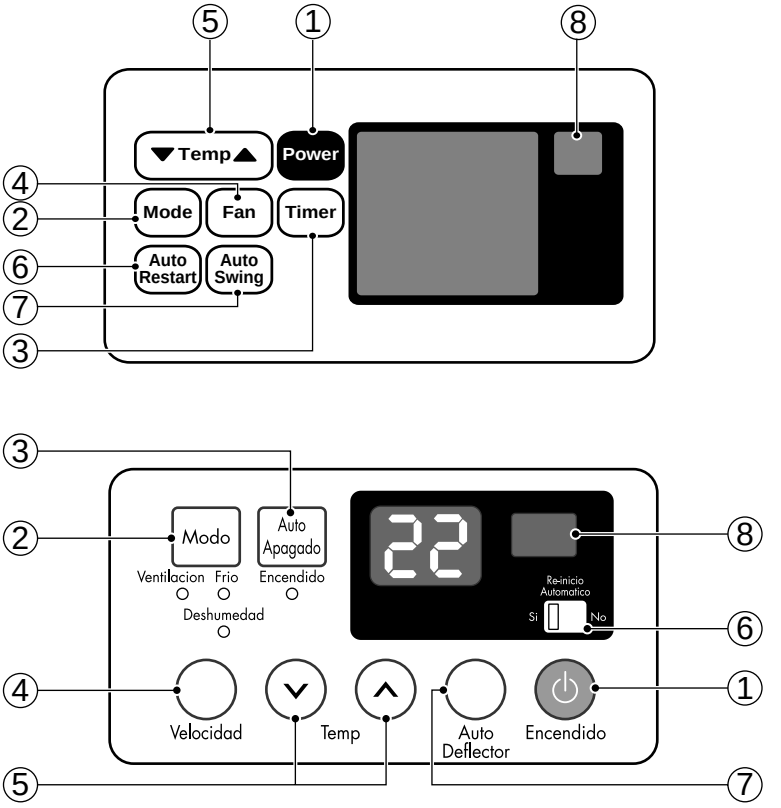
• AUTO SWING

ON : Air swing is operated while OPERATION knob is set to the COOL position.

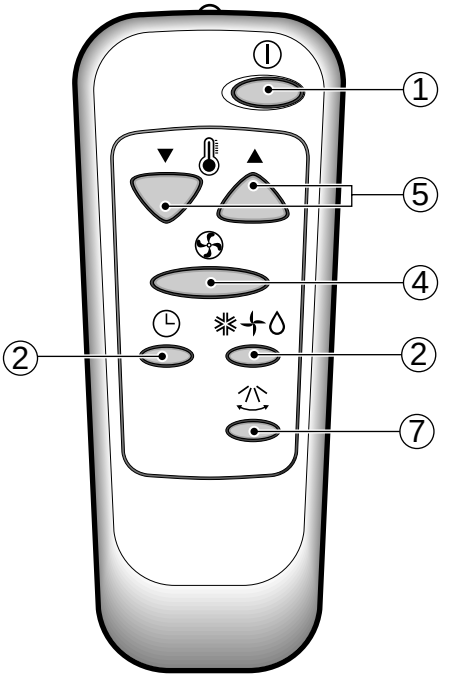
OFF :Stops the operation of air swing.



DISPLAY



REMOTE CONTROL



Precaution: The Remote Control unit will not function properly if strong light strikes the sensor window of the air conditioner or if there are obstacles between the Remote Control unit and the air conditioner.

1 POWER BUTTON

Operation starts, when this button is pressed and stops when you press the button again.

2 OPERATION MODE SELECTION BUTTON

Select Cooling, or Fan or Dehumid mode with button. (Dehumid mode is not to all models.)

3 ON/OFF TIMER BUTTON

Set the time of starting and stopping operation. The timer is set by 1 hour.

4 FAN SPEED SELECTOR

Select the fan speed in two steps (Low or High).

5 ROOM TEMPERATURE SETTING BUTTON

Control the room temperature within a range of 16°C to 30°C.

6 AUTO RESTART SWITCH (NOT TO ALL MODELS)

In failure of electric power, if the switch is set to "ON", the unit runs as previous setting operation when power returns.

7 AUTO SWING BUTTON

Control the horizontal air direcion by air swing system.

8 SIGNAL RECEIVER

2. DISASSEMBLY INSTRUCTIONS

— Before the following disassembly, POWER SWITCH is set to OFF and disconnected the power cord.

2.1 MECHANICAL PARTS

2.1.1 FRONT GRILLE

1. Open the inlet grille upward or downward.
2. Remove the screw which fastens the front grille.
3. Pull the front grille from the right side.
4. Remove the front grille. (See Fig. 1)
5. Re-install the component by referring to the removal procedure.

NOTE: Mark Δ of inlet grille means opening direction.

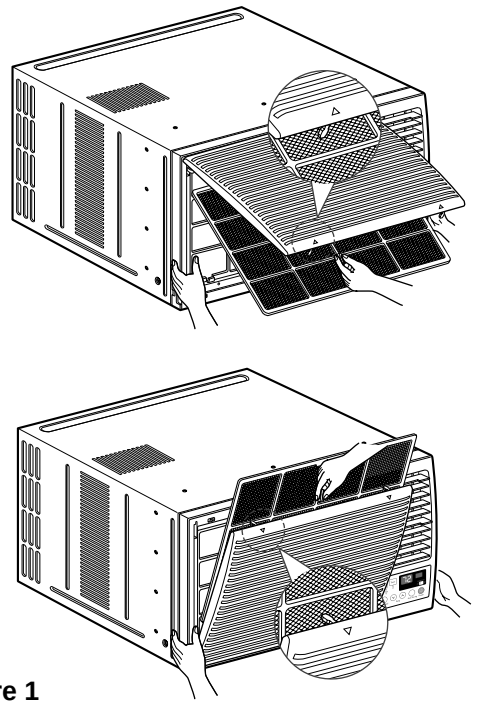


Figure 1

2.1.2 CABINET

1. After disassembling the FRONT GRILLE, remove the screws which fasten the cabinet at both sides. Keep these for later use.
2. Remove the two screws which fasten the cabinet at back. (See Fig. 2)
3. Pull the base pan forward.

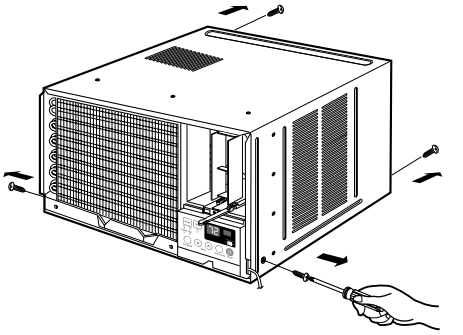


Figure 2

2.1.3 CONTROL BOX

1. Remove the front grille. (Refer to section 2.1.1)
2. Pull the base pan forward so that you can remove the 2 screws which fasten the cover control at the right side. (See Fig. 3)
3. Remove the 3 screws which fasten the control box. (See Fig. 3)
4. Discharge the capacitor by placing a 20,000 ohm resistor across the capacitor terminals.
5. Disconnect two wire housings in the control box.
6. Pull the control box forward completely.
7. Re-install the components by referring to the removal procedure. (See Fig. 3)
   (Refer to the circuit diagram found on page 23 in this manual and on the control box.)

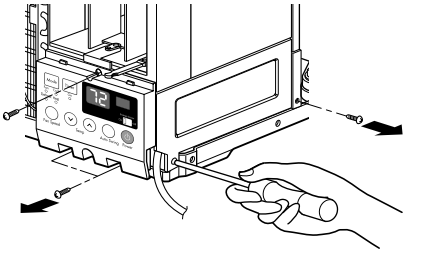


Figure 3

2.2 AIR HANDLING PARTS

2.2.1 COVER (AT THE TOP)

1. Remove the front grille. (Refer to section 2.1.1)
2. Remove the cabinet. (Refer to section 2.1.2)
3. Remove 11 screws which fasten the brace and covers.
4. Remove the covers and the brace. (See Fig. 4)
5. Re-install the components by referring to the removal procedure, above.

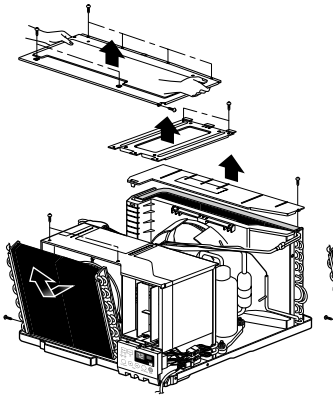


Figure 4 (a)

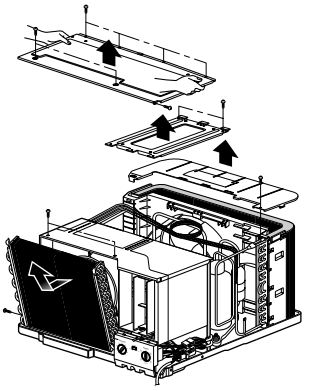


Figure 4 (b)

2.2.2 BLOWER

1. Remove the cover. (Refer to section 2.2.1)
2. Remove the 3 screws which fasten the evaporator at the left side and the top side. (See Fig. 4)
3. Move the evaporator sideward carefully.
4. Remove the orifice from the air guide carefully.
5. Remove the clamp spring which is clamped to the boss of blower by hand plier. (See Fig. 5)
6. Pull the blower outward, without touching blades. (See Fig. 6)
7. Re-install the components by referring to the removal procedure, above.

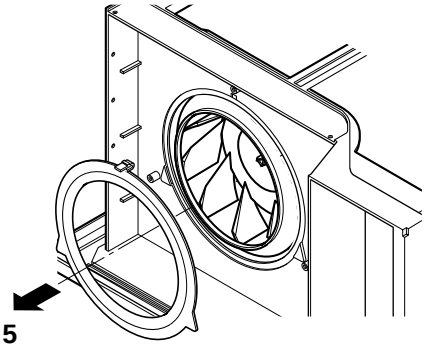


Figure 5

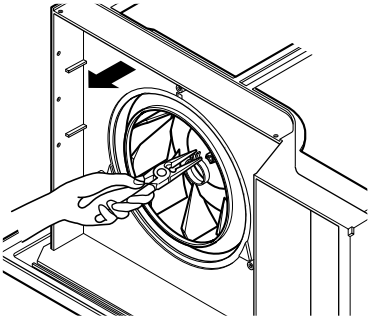


Figure 6

2.2.3 FAN

1. Remove the cabinet. (Refer to section 2.1.2)
2. Remove the brace and shroud cover. (Refer to section 2.2.1)
3. Remove the 5 screws which fasten the condenser.
4. Move the condenser sideways carefully.
5. Remove the clamp which secures the fan.
6. Remove the fan. (See Fig. 7)
7. Re-install the components by referring to the removal procedure, above.

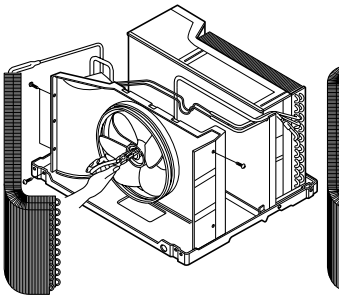


Figure 7 (a)

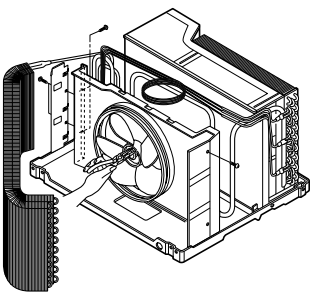


Figure 7 (b)

2.2.4 SHROUD

1. Remove the fan. (Refer to section 2.2.3)
2. Remove the 2 screws which fasten the shroud.
3. Remove the shroud. (See Fig. 8)
4. Re-install the component by referring to the removal procedure, above.

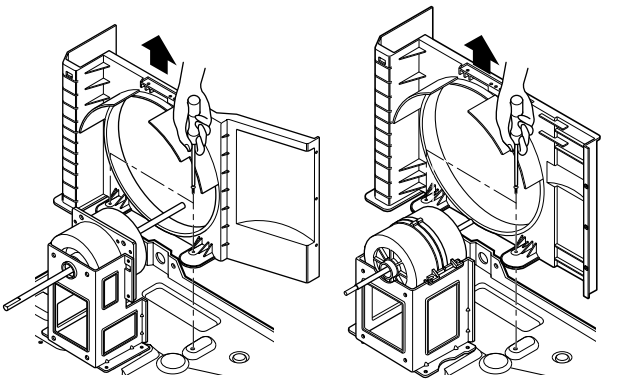


Figure 8 (a) **Figure 8 (b)**

2.3 ELECTRICAL PARTS

2.3.1 MOTOR

1. Remove the cabinet. (Refer to section 2.1.2)
2. Remove the cover control and disconnect a wire housing in control box. (Refer to section 2.1.3)
3. Remove the blower. (Refer to section 2.2.2)
4. Remove the fan. (Refer to section 2.2.3)
5. Remove the 4 screws which fasten the motor. (See Fig. 9)
6. Remove the motor.
7. Re-install the components by referring to the removal procedure, above.

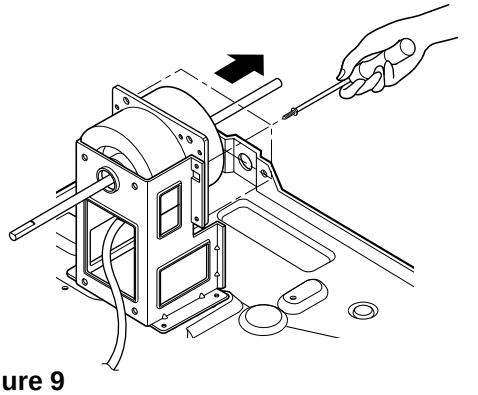


Figure 9

2.3.2 COMPRESSOR

1. Remove the cabinet. (Refer to section 2.1.2)
2. Discharge the refrigerant by using a Refrigerant Recovery System.
3. Disconnect the 3 leads from the compressor.
4. After purging the unit completely, unbraze the suction and discharge tubes at the compressor connections.
5. Remove the 3 nuts and the 3 washers which fasten the compressor. (See Fig. 10)
6. Remove the compressor.
7. Re-instill the components by referring to the removal procedure, above.

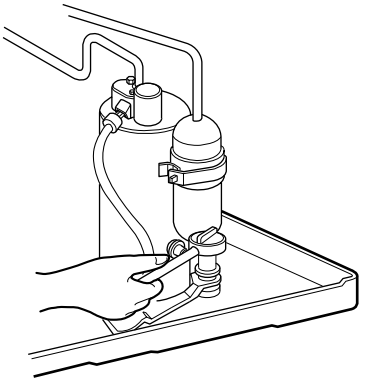


Figure 10

2.3.3 CAPACITOR

1. Remove the control box. (Refer to section 2.1.3)
2. Remove the screw which fasten the display panel.
3. Disconnect the 2 leads from the rocker switch and remove the panel.
4. Remove a screw and unfold the control box. (See Fig. 11)
5. Remove the screw and the clamp which fastens the capacitor. (See Fig. 11)
6. Disconnect all the leads of capacitor terminals.
7. Re-install the components by referring to the removal procedure, above.

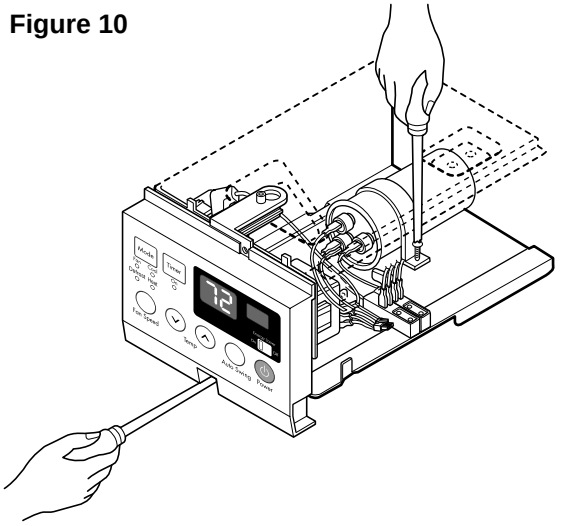


Figure 11

2.3.4 POWER CORD

1. Remove the control box. (Refer to section 2.1.3)
2. Unfold the control box. (Refer to section 2.3.3)
3. Disconnect the grounding screw from the control box.
4. Disconnect 2 receptacles.
5. Remove a screw which fastens the clip cord.
6. Pull the power cord. (See Fig. 12)
7. Re-install the component by referring to the removal procedure, above.
   (Use only one ground-marked hole ⏚ for ground connection.)
8. If the supply cord of this appliance is damaged, it must be replaced by the special cord.
   (The special cord means the cord which has the same specification marked on the supply cord fitted to the unit.)

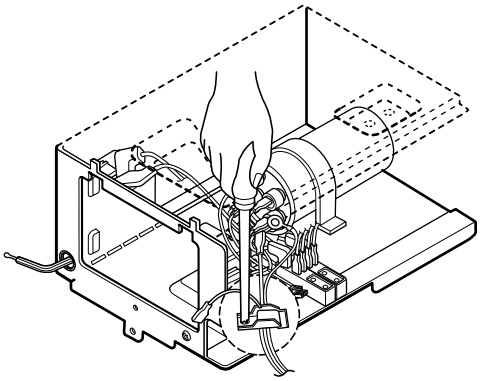


Figure 12

2.3.5 THERMISTOR

1. Remove the control box. (Refer to section 2.1.3)
2. Unfold the control box. (Refer to section 2.3.3)
3. Disconnect the thermistor terminals from main P.W.B assembly.
4. Remove the thermistor.
5. Re-install the components by referring to the removal procedure above. (See Figure 13)

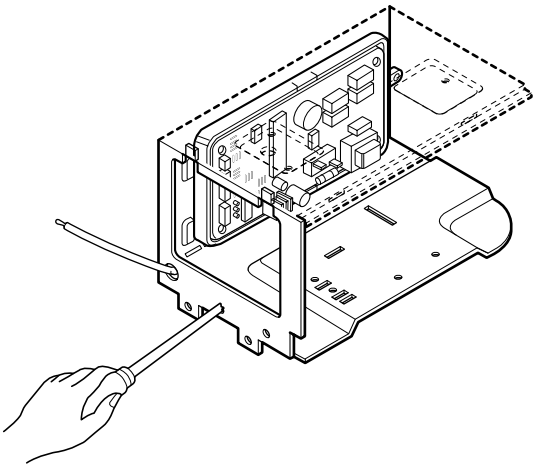


Figure 13

2.3.6 SYNCHRONOUS MOTOR

1. Remove the control box. (Refer to section 2.1.3)
2. Unfold the control box. (Refer to section 2.3.3)
3. Remove the crankshaft.
4. Disconnect all the leads of the synchronous motor.
5. Remove the 2 screws which fasten the synchronous motor. (See Fig. 14)
6. Re-install the components by referring to the removal procedure, above.

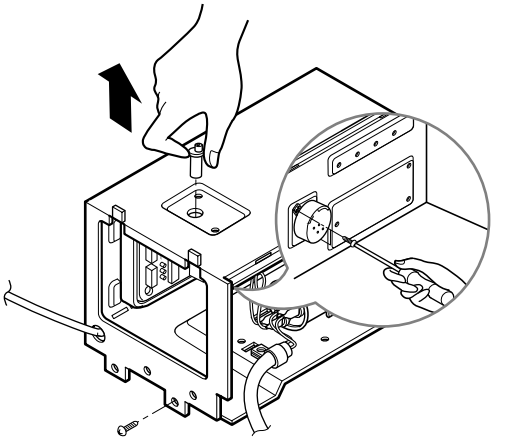


Figure 14

2.4 REFRIGERATION CYCLE

CAUTION

Discharge the refrigerant system using Freon™ Recovery System.
If there is no valve to attach the recovery system, install one (such as a WATCO A-1) before venting the Freon™. Leave the valve in place after servicing the system.

2.4.1 CONDENSER

1. Remove the cabinet. (Refer to section 2.1.2)
2. Remove the brace and the shroud cover. (Refer to section 2.2.1)
3. Remove the 5 screws which fasten the condenser.
4. After discharging the refrigerant completely, unbraze the interconnecting tube at the condenser connections.
5. Remove the condenser.
6. Re-install the components by referring to notes. (See Fig. 15)

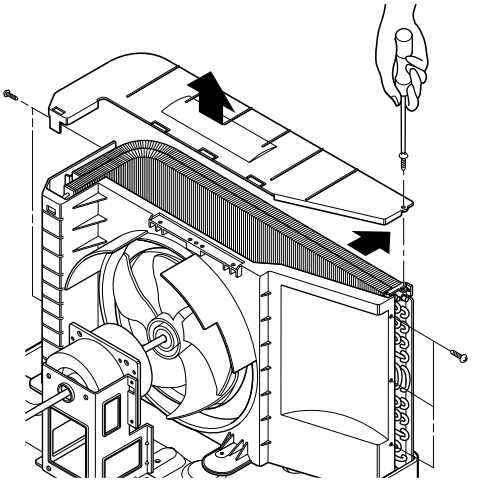


Figure 15 (a)

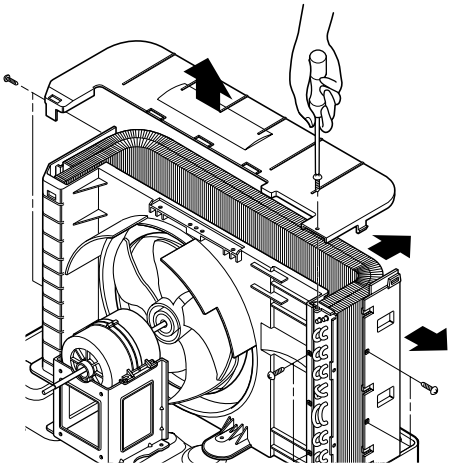


Figure 15 (b)

2.4.2 EVAPORATOR

1. Remove the cabinet. (Refer to section 2.1.2)
2. Remove the top cover and the brace. (Refer to section 2.2.1)
3. Discharge the refrigerant completely.
4. Remove the 3 screws which fasten the evaporator at the left side and the top side.
5. Move the evaporator sideward carefully and then unbraze the interconnecting tube at the evaporator connectors.
6. Remove the evaporator.
7. Re-install the components by referring to notes. (See Fig. 16)

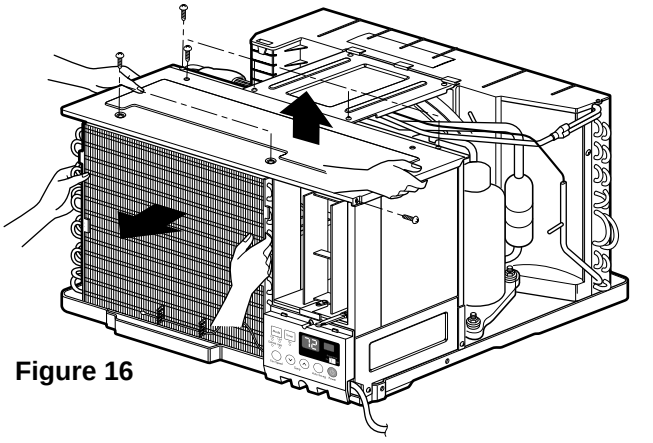


Figure 16

2.4.3 CAPILLARY TUBE

1. Remove the cabinet. (Refer to section 2.1.2)
2. Remove the brace. (Refer to section 2.2.1)
3. After discharging the refrigerant completely, unbraze the interconnecting tube at the capillary tube.
4. Remove the capillary tube.
5. Re-install the components by referring to notes.

NOTES

— Replacement of the refrigeration cycle.

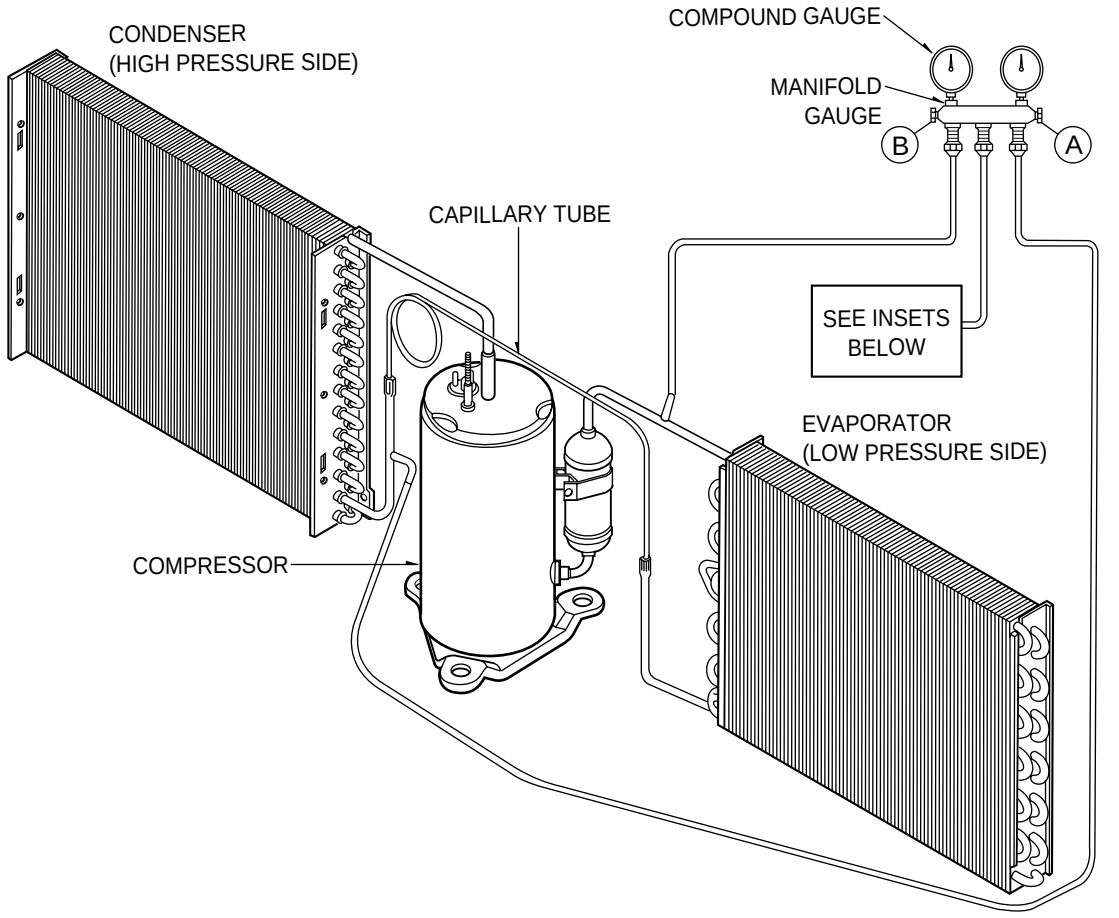
1. When replacing the refrigeration cycle, be sure to discharge the refrigerant system using a Freon™ recovery System.
   If there is no valve to attach the recovery system, install one (such as a WATCO A-1) before venting the Freon™. Leave the valve in place after servicing the system.
2. After discharging the unit completely, remove the desired component, and unbrace the pinch-off tubes.
3. Solder service valves into the pinch-off tube ports, leaving the valves open.
4. Solder the pinch-off tubes with Service valves.
5. Evacuate as follows.
   1) Connect the vacuum pump, as illustrated Fig. 17A.
   2) Start the vacuum pump, slowly open manifold valves A and B with two full turns counterclockwise and leave the valves closed. The vacuum pump is now pulling through valves A and B up to valve C by means of the manifold and entire system.

   ⚠ CAUTION

   If high vacuum equipment is used, just crack valves A and B for a few minutes, then open slowly with the two full turns counterclockwise. This will keep oil from foaming and being drawn into the vacuum pump.

   3) Operate the vacuum pump for 20 to 30 minutes, until 600 microns of vacuum is obtained. Close valves A and B, and observe vacuum gauge for a few minutes. A rise in pressure would indicate a possible leak or moisture remaining in the system. With valves A and B closed, stop the vacuum pump.
   4) Remove the hose from the vacuum pump and place it on the charging cylinder. See Fig. 17B. Open valve C.
      Discharge the line at the manifold connection.
   5) The system is now ready for final charging.
6. Recharge as follows :
   1) Refrigeration cycle systems are charged from the High-side. If the total charge cannot be put in the High-side, the balance will be put in the suction line through the access valve which you installed as the system was opened.
   2) Connect the charging cylinder as shown in Fig. 17B. With valve C open, discharge the hose at the manifold connection.
   3) Open valve A and allow the proper charge to enter the system. Valve B is still closed.
   4) If more charge is required, the high-side will not take it. Close valve A.
   5) With the unit running, open valve B and add the balance of the charge.
      a. Do not add the liquid refrigerant to the Low-side.
      b. Watch the Low-side gauge; allow pressure to rise to 30 lbs.
      c. Turn off valve B and allow pressure to drop.
      d. Repeat steps B and C until the balance of the charge is in the system.
   6) When satisfied the unit is operating correctly, use the pinch-off tool with the unit still running and clamp on to the pinch-off tube. Using a tube cutter, cut the pinch-off tube about 2 inches from the pinch-off tool. Use sil-fos solder and solder pinch-off tube closed. Turn off the unit, allow it to set for a while, and then test the leakage of the pinch-off connection.

Equipment needed: Vacuum pump, Charging cylinder, Manifold gauge, Brazing equipment. Pinch-off tool capable of making a vapor-proof seal, Leak detector, Tubing cutter, Hand Tools to remove components, Service valve.



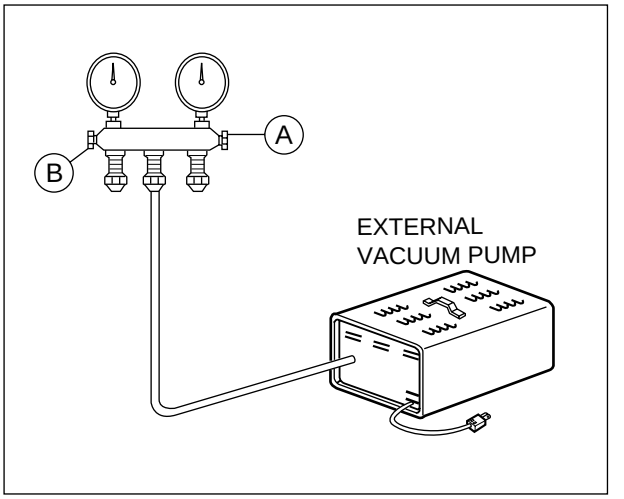


Figure 17A-Pulling Vacuum

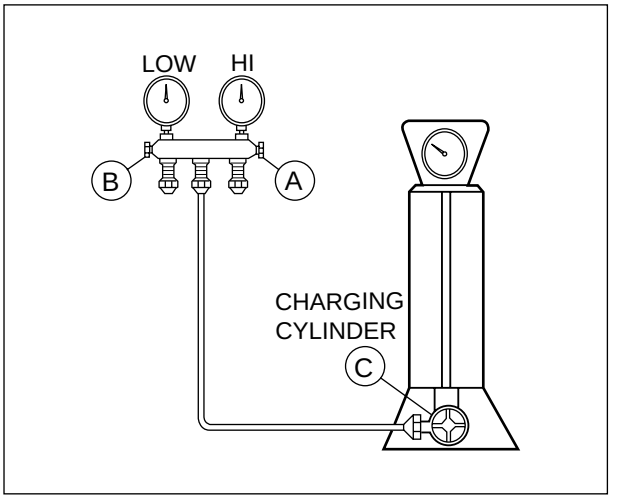
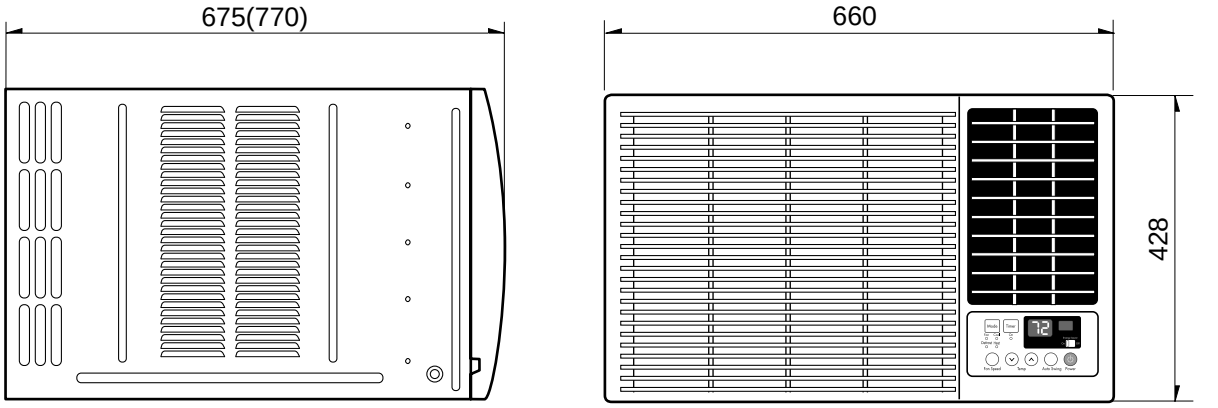


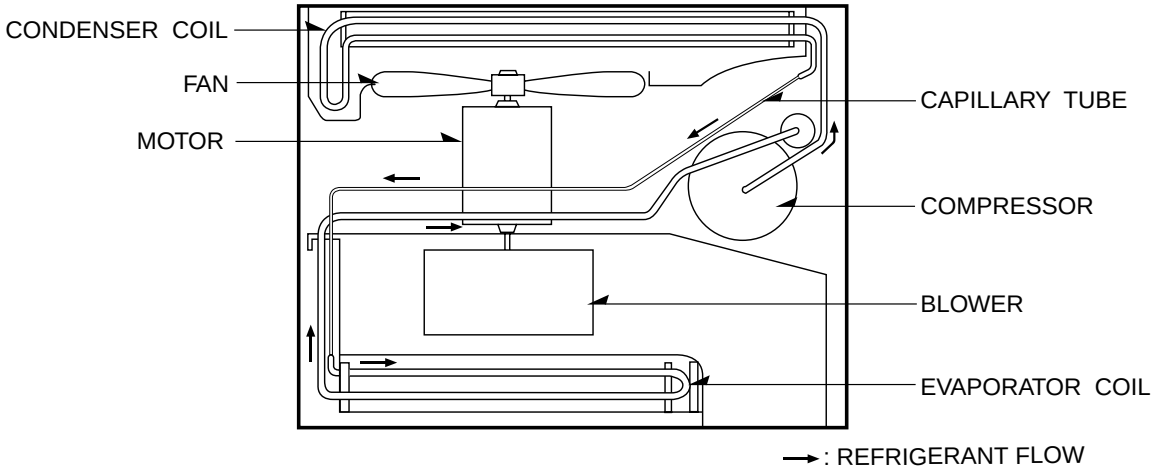
Figure 17B-Charging

3. TROUBLESHOOTING GUIDE

3.1 OUTSIDE DIMENSIONS



3.2 PIPING SYSTEM



Following is a brief description of the important components and their functions in the refrigeration system.
Refer to Fig. 18 to follow the refrigeration cycle and the flow of the refrigerant in the cooling cycle.

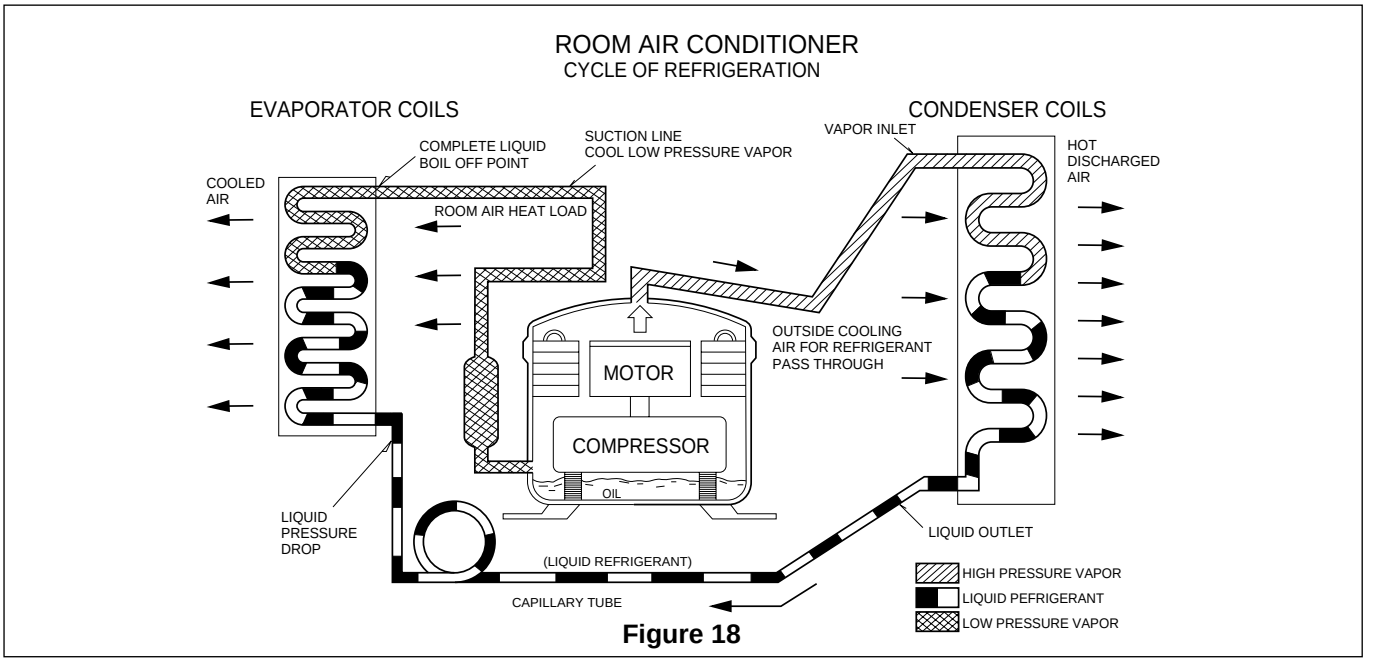
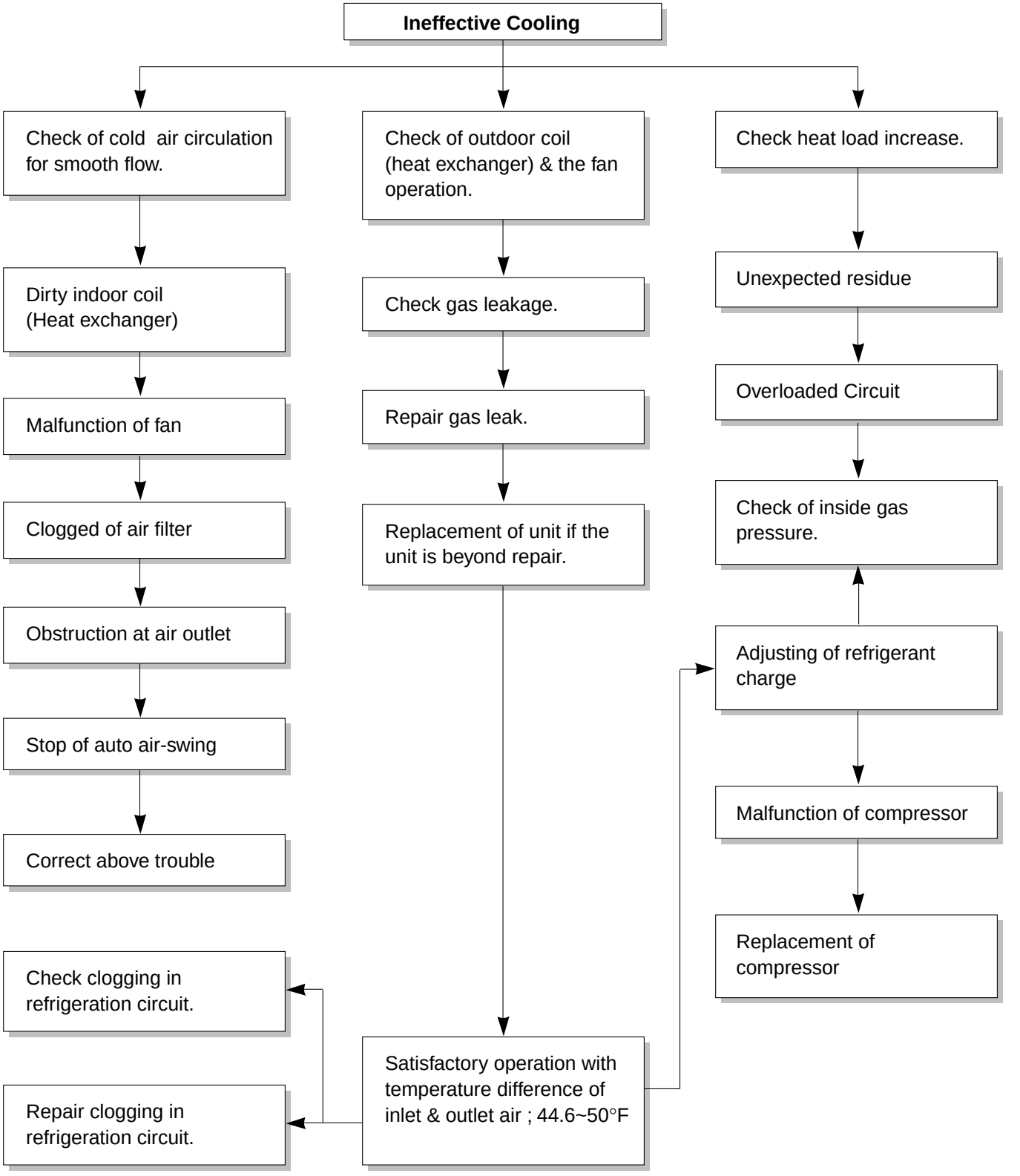


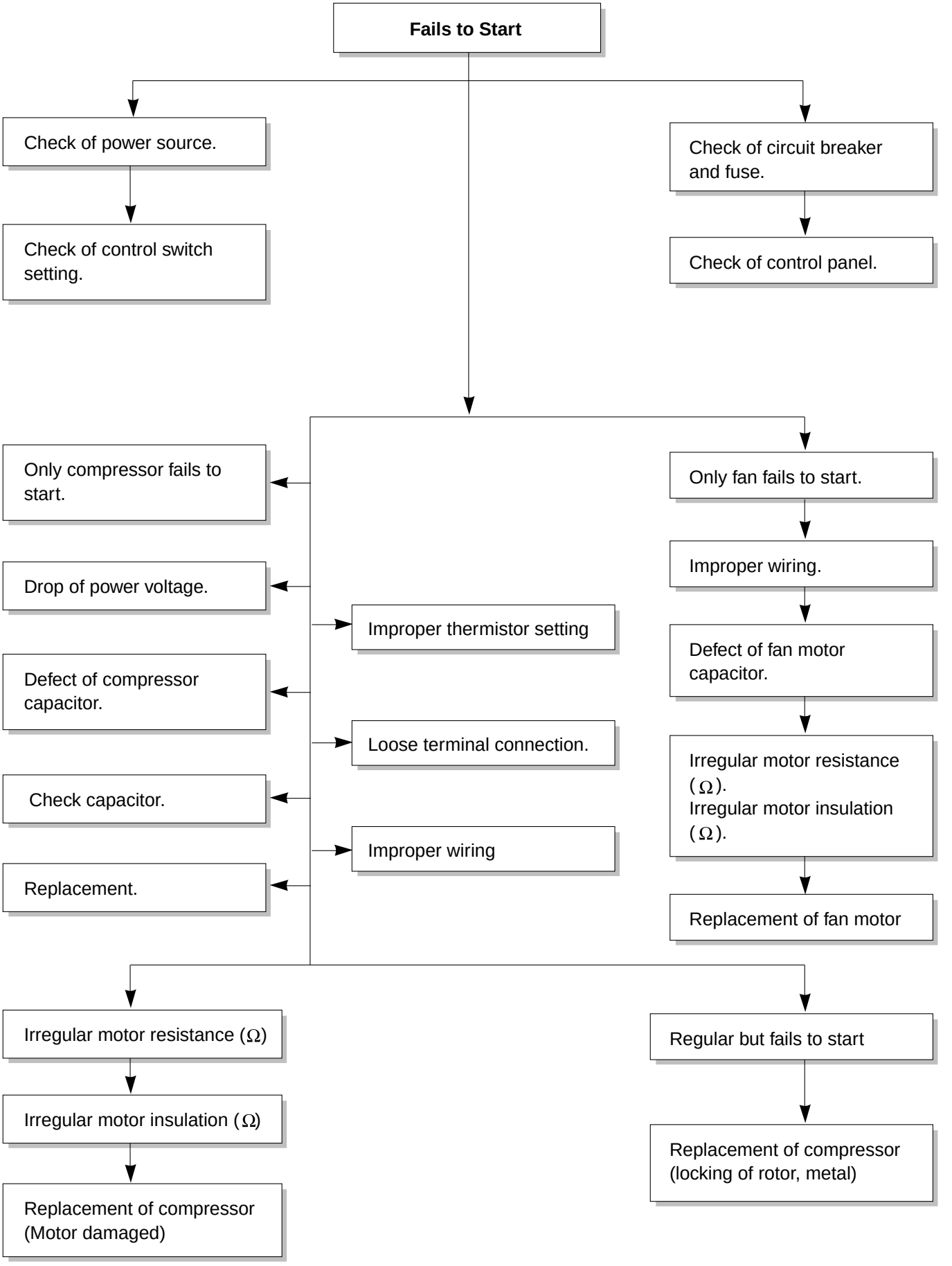
Figure 18

3.3 TROUBLESHOOTING GUIDE

In general, possible trouble is classified in two causes.
The one is called Starting Failure which is caused from an electrical defect, and the other is Ineffective Air Conditioning caused by a defect in the refrigeration circuit and improper application.

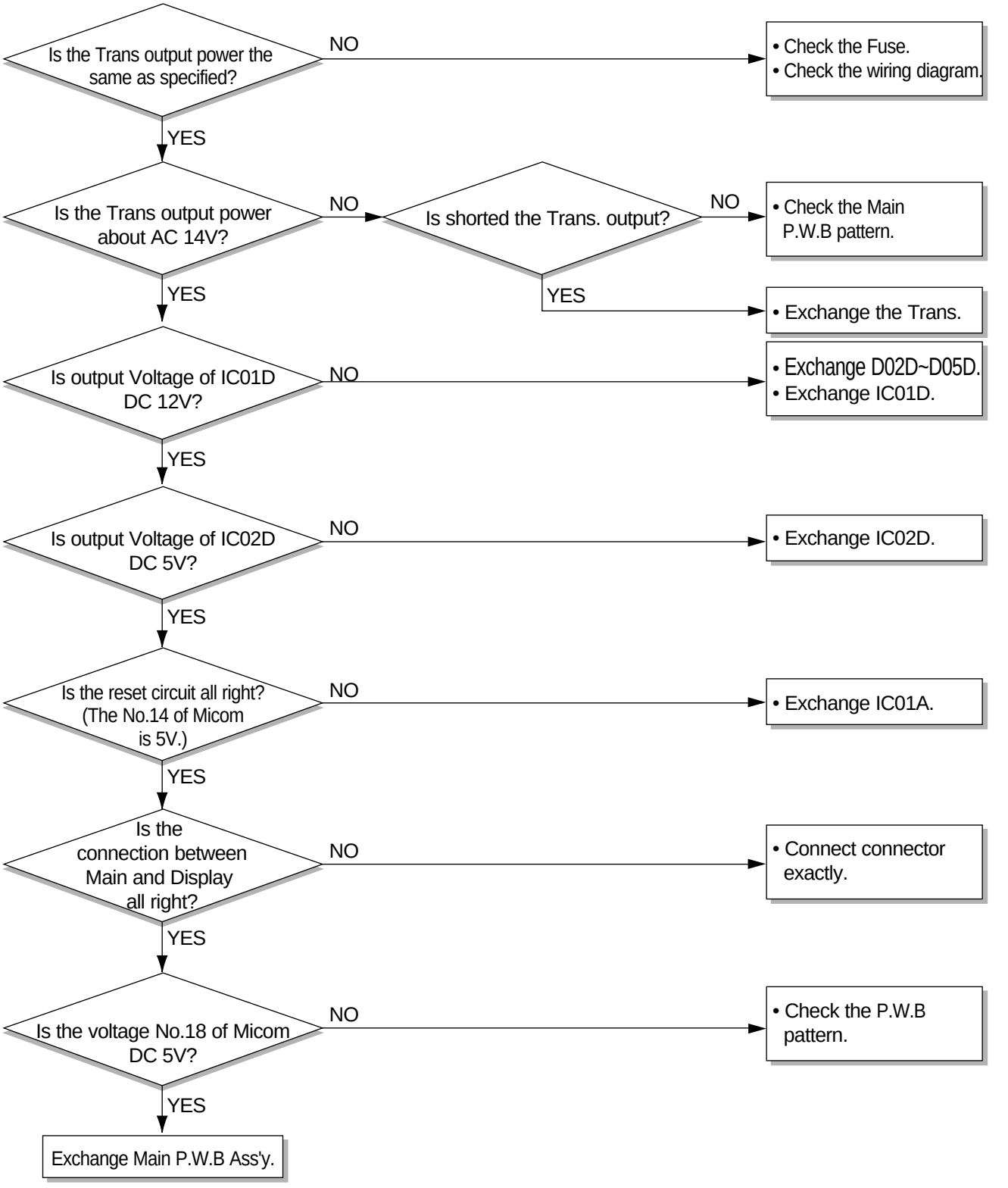
Unit runs but poor cooling




Fails to Start
Check of power source.
Check of control switch setting.
Check of circuit breaker and fuse.
Check of control panel.
Only compressor fails to start.
Drop of power voltage.
Defect of compressor capacitor.
Check capacitor.
Replacement.
Improper thermistor setting
Loose terminal connection.
Improper wiring
Only fan fails to start.
Improper wiring.
Defect of fan motor capacitor.
Irregular motor resistance (Ω).
Irregular motor insulation (Ω).
Replacement of fan motor
Irregular motor resistance (Ω)
Irregular motor insulation (Ω)
Replacement of compressor (Motor damaged)
Regular but fails to start
Replacement of compressor (locking of rotor, metal)

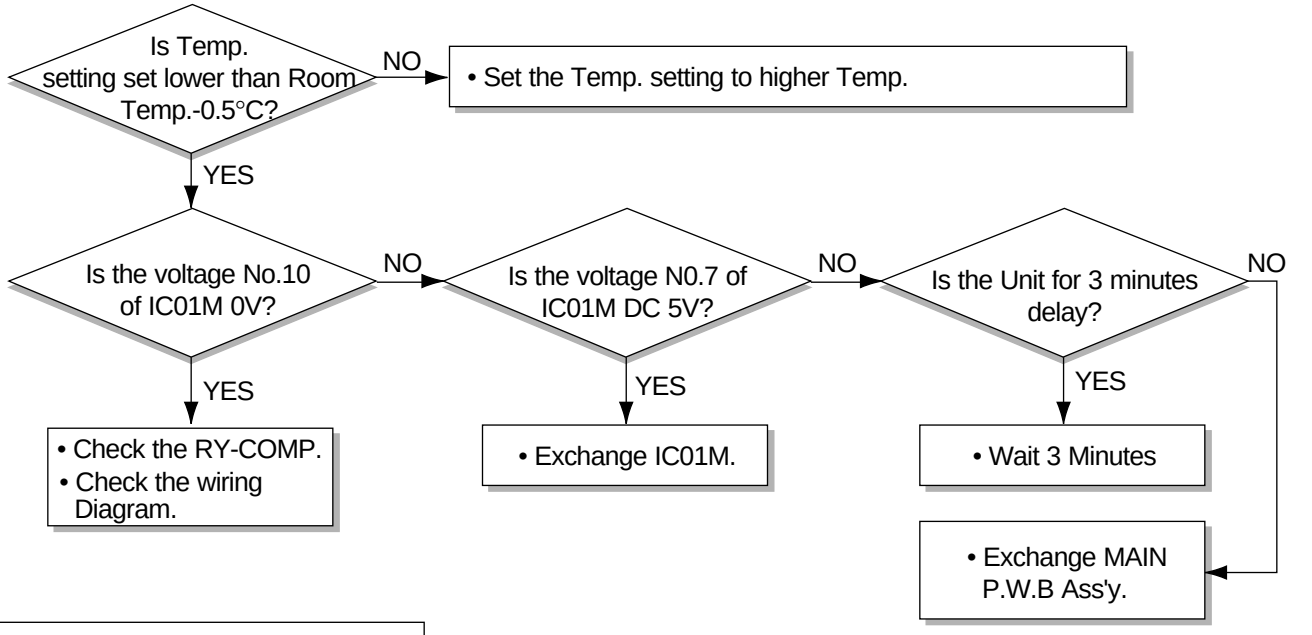
ELECTRIC PARTS TROUBLESHOOTING GUIDE:
MODEL: LWC183MGMJ1, LWC183MSMM1

Possible Trouble 1 • The unit does not operate.



Possible Trouble 2

• The compressor does not operate.

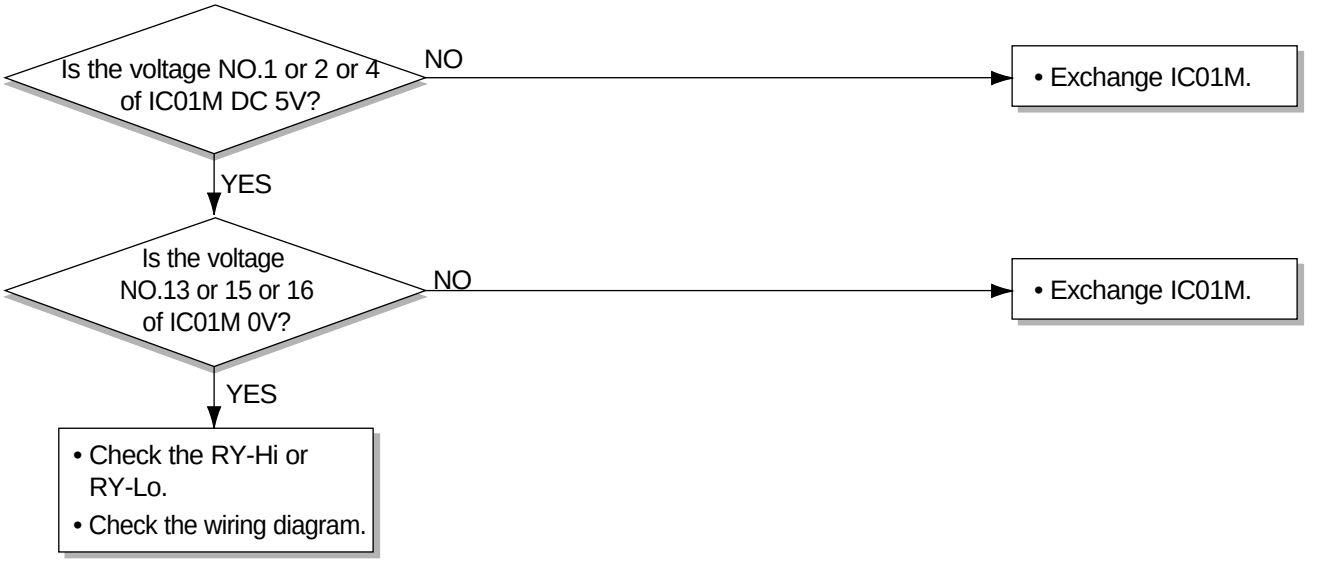


Possible Trouble 3

• The compressor always operate.

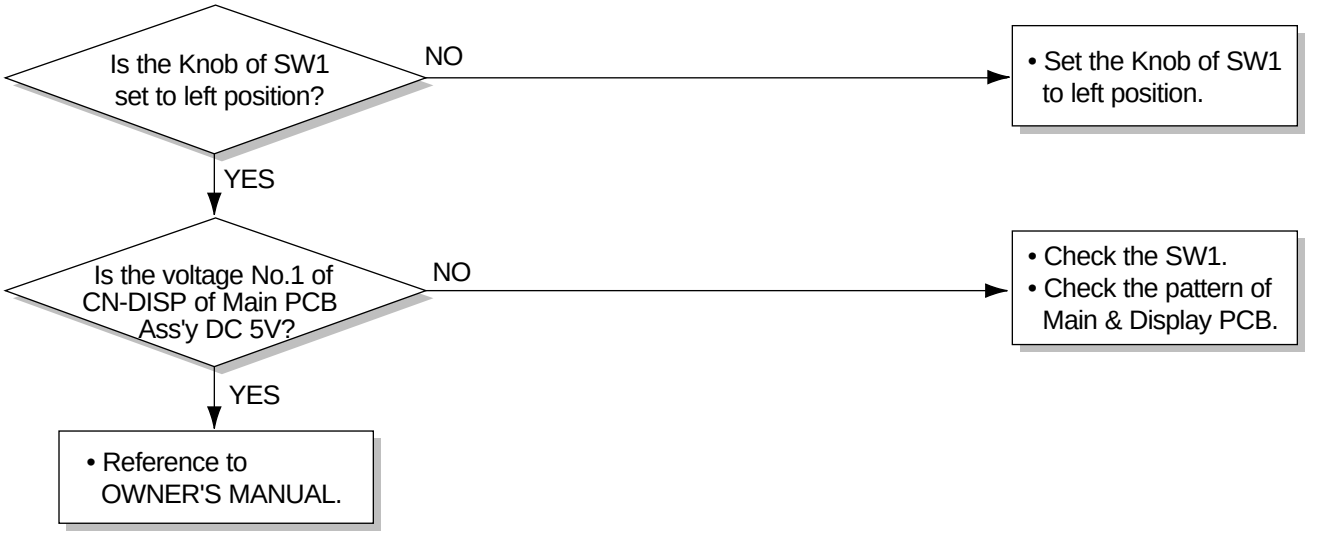
Possible Trouble 4

• Fan does not operate.



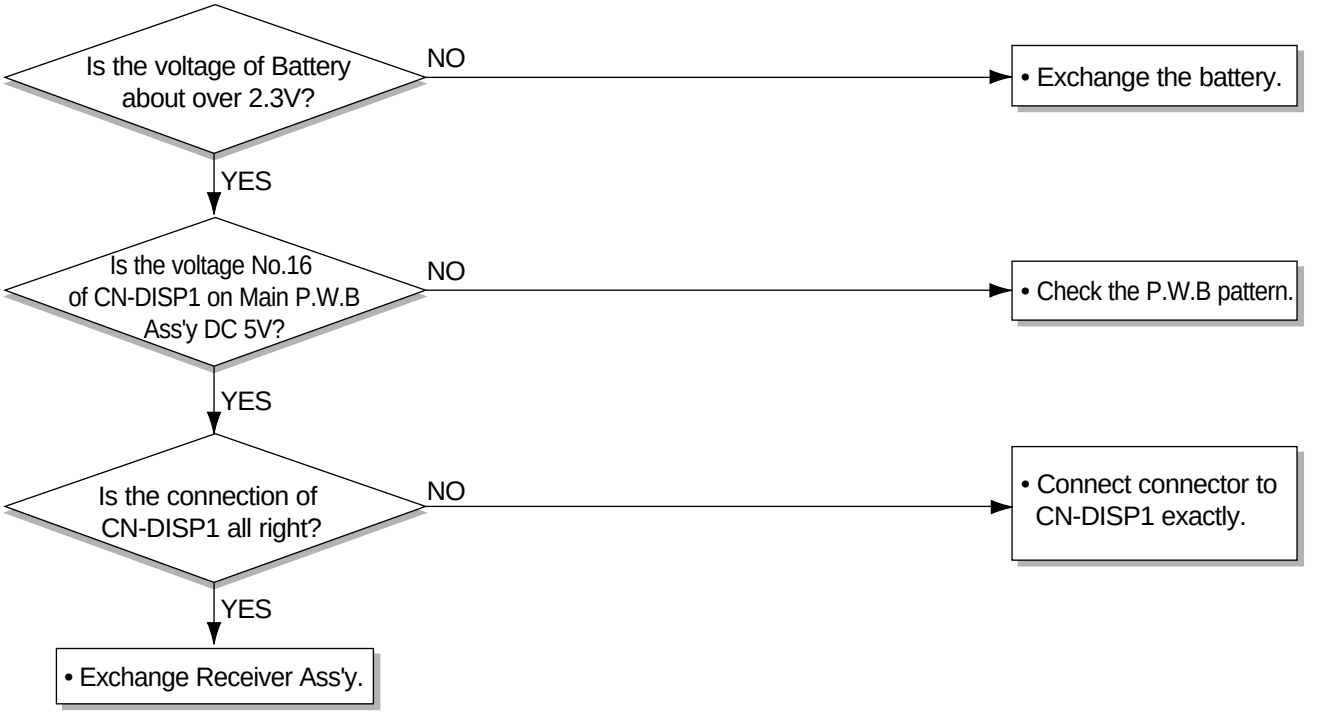
Possible Trouble 5

• The function of Energy Saver does not operate.



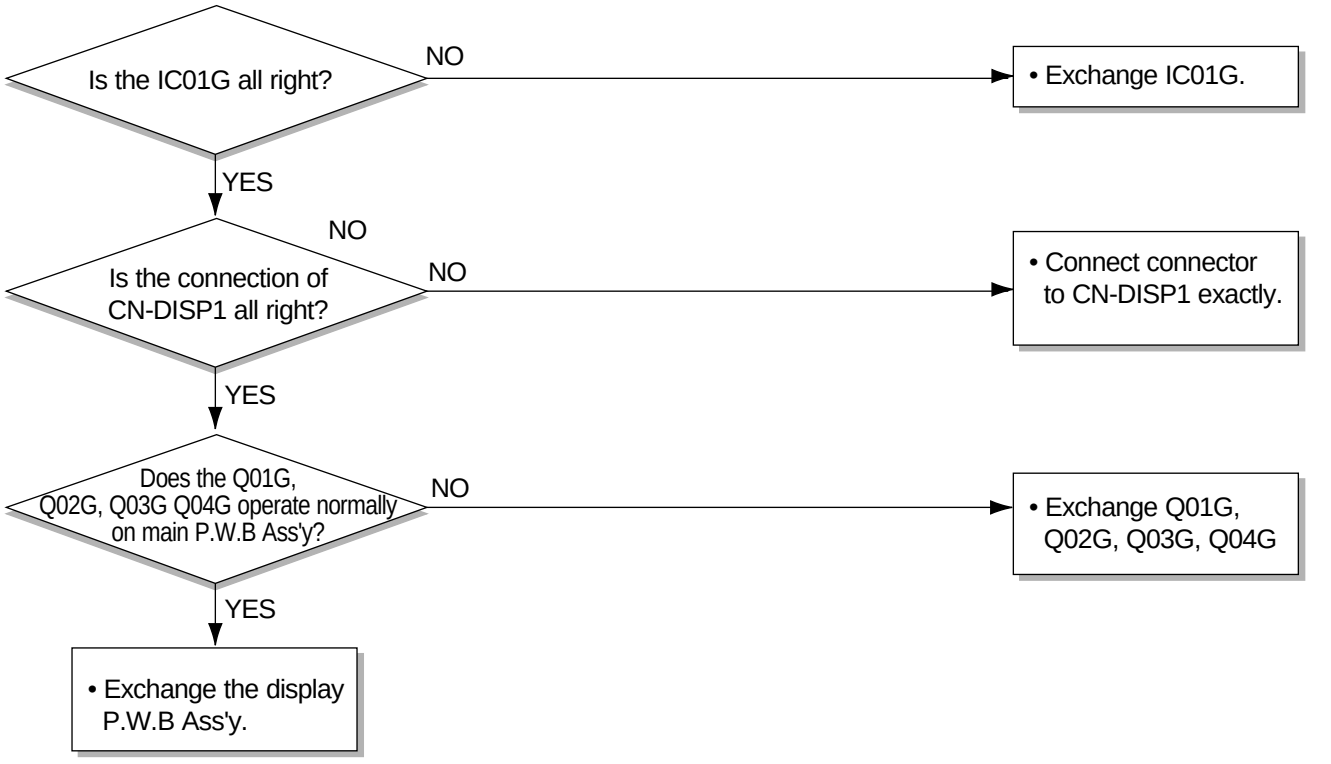
Possible Trouble 6

• Romote controller does not operate.



Possible Trouble 7

• It displays abnormally on Display P.W.B Ass'y.



ROOM AIR CONDITIONER VOLTAGE LIMITS

NAME PLATE RATING	MINIMUM	MAXIMUM
208~230 ± 10%	187V	253V

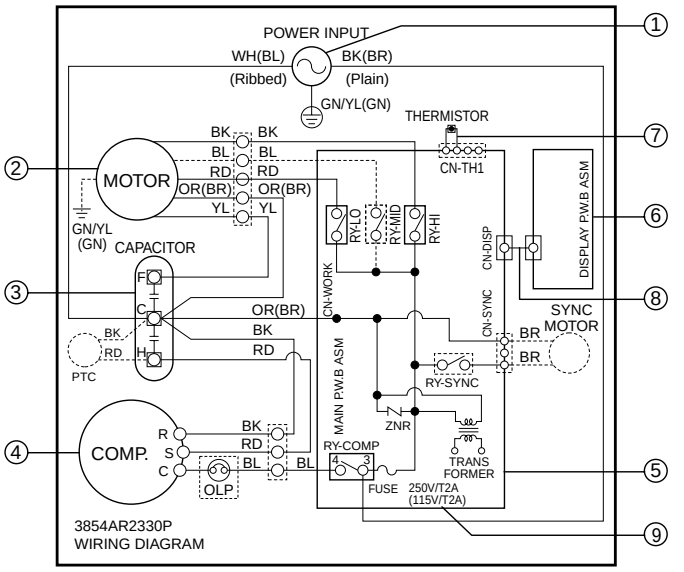
COMPLAINT	CAUSE	REMEDY
Fan motor will not run.	No power	Check voltage at outlet. Correct if none.
	Power supply cord	Check voltage to rotary switch. If none, check power supply cord. Replace cord if circuit is open.
	Rotary switch	Check switch continuity. Refer to wiring diagram for terminal identification. Replace switch if defective.
	Wire disconnected or connection loose	Connect wire. Refer to wiring diagram for terminal identification. Repair or replace loose terminal.
	Capacitor (Discharge capacitor before testing.)	Test capacitor. Replace if not within ±10% of manufacturer's rating. Replace if shorted, open, or damaged.
	Will not rotate	Fan blade hitting shroud or blower wheel hitting scroll. Re-align assembly. Units using slinger ring condenser fans must have 0.22~0.25 inch clearance to the base. If necessary, shim up the bottom of the fan motor with mounting screw(s). Check fan motor bearings; if motor shaft will not rotate, replace the motor.
Fan motor runs.	Revolves on overload	Check voltage. See limits on this page. If not within limits, call an electrician. Test capacitor. Check bearings. Does the fan blade rotate freely? If not, replace fan motor. Pay attention to any change from high speed to low speed. If the speed does not change, replace the motor.

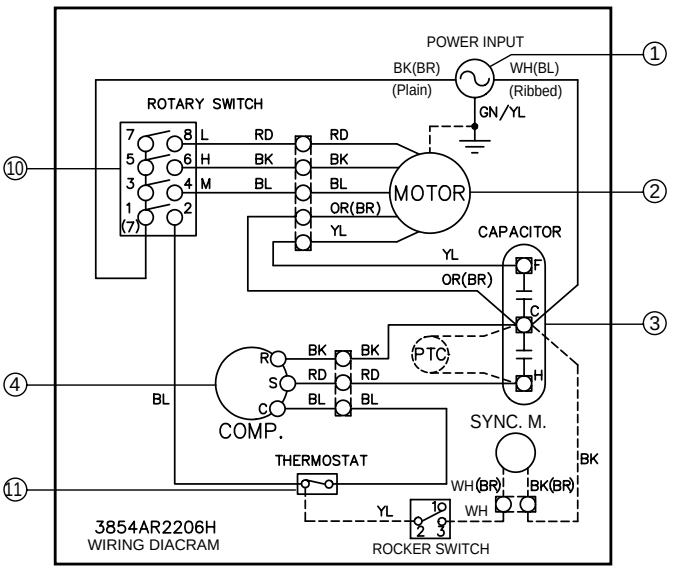
COMPLAINT	CAUSE	REMEDY
Fan motor noise.	Fan	If cracked, out of balance, or partially missing, replace it.
	Blower	If cracked, out of balance, or partially missing, replace it.
	Loose set screw	Tighten it.
	Worn bearings	If knocking sounds continue when running or loose, replace the motor. If the motor hums or noise appears to be internal while running, replace motor.
Compressor will not run, fan motor runs.	Voltage	Check voltage. See the limits on the preceding page. If not within limits, call an electrician.
	Wiring	Check the wire connections; if loose, repair or replace the terminal. If the wires are disconnected, refer to wiring diagram for identification, and replace the wires. Check the wire connections; If not according to the wiring diagram, correct the connections.
	Rotary	Check for continuity, refer to the wiring diagram for terminal identification. Replace the switch if the circuit is open.
	Thermistor	Check the TEMP control. If not at the lowest number, set TEMP control to this setting and restart the unit. Check the continuity of the thermistor. Replace the thermistor if the circuit is open.
	Capacitor (discharge capacitor before servicing.)	Check the capacitor. Replace if not within ±10% of manufacturer's rating, replace if shorted, open, or damaged.
	Compressor	Check the compressor for open circuit or ground. If open or grounded, replace the compressor.
	Overload	Check the compressor overload if externally mounted. Replace if open. (If the compressor temperature is high, remove the overload, cool, and retest.)
Compressor cycles on overload.	Voltage	Check the voltage. See the limits on the preceding page. If voltage is not within these limits, call an electrician.
	Overload	Check overload, if externally mounted. Replace if open. (If the compressor temperature is high, remove the overload, cool, and retest.)

COMPLAINT	CAUSE	REMEDY
Compressor cycles on overload.	Fan motor	If not running, determine the cause. Replace if required.
	Condenser air flow restriction	Remove the cabinet, inspect the interior surface of the condenser. If restricted, clean carefully with a vacuum cleaner (do not damage fins) or brush. Clean the interior base before re-assembling.
	Condenser fins (damaged)	If the condenser fins are closed over a large area on the coil surface, head pressures will increase, causing the compressor to cycle. Straighten the fins or replace the coil.
	Capacitor	Test the capacitor.
	Wiring	Check the terminals. If loose, repair or replace.
	Refrigeration system	Check the system for a restriction.
Insufficient cooling	Air filter	If restricted, clean or replace.
	Exhaust damper door	Close if open.
	Unit undersized	Determine if the unit is properly sized for the area to be cooled.
Excessive noise	Blower or fan	Check the set screw, or clamp. If loose or missing, correct. If the blower or fan is hitting scroll or barrier, rearrange the air handling parts.
	Copper tubing	Remove the cabinet and carefully rearrange the tubing not to contact the cabinet, compressor, shroud, and barrier.
Auto air-swing fails.	Wiring	Check terminals. If loose, repair or replace.
	Synchronous motor.	Check the synchronous motor for open circuit.

5. SCHEMATIC DIAGRAM

5.1 CIRCUIT DIAGRAM



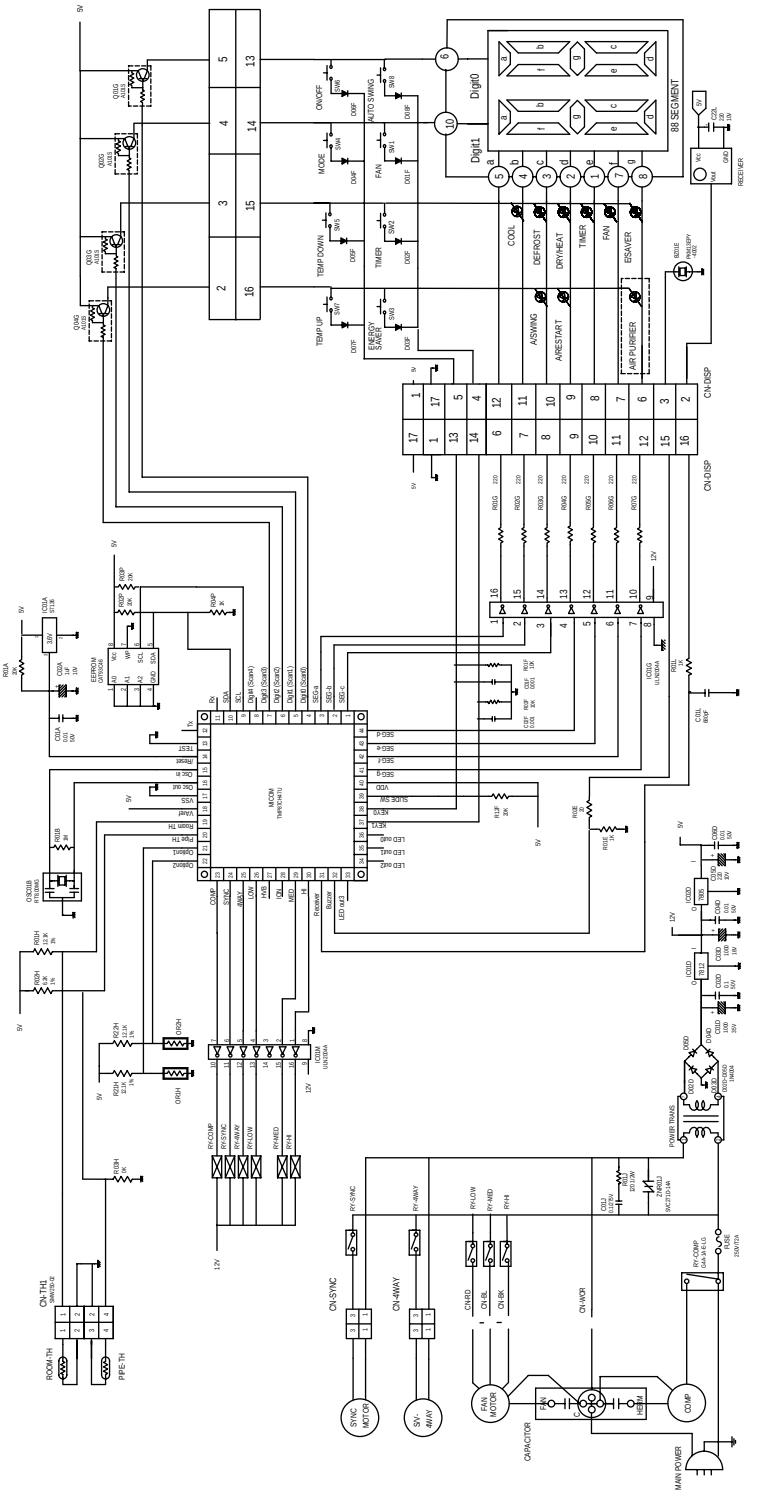


NO.	DESCRIPTION
1	POWER CORD
2	FAN MOTOR
3	CAPACITOR
4	COMPRESSOR
5	MAIN PWB ASSEMBLY
6	DISPLAY PWB ASSEMBLY
7	THERMISTOR ASSEMBLY
8	CONNECTOR
9	FUSE
10	ROTARY SWITCH
11	THERMOSTAT ASSEMBLY

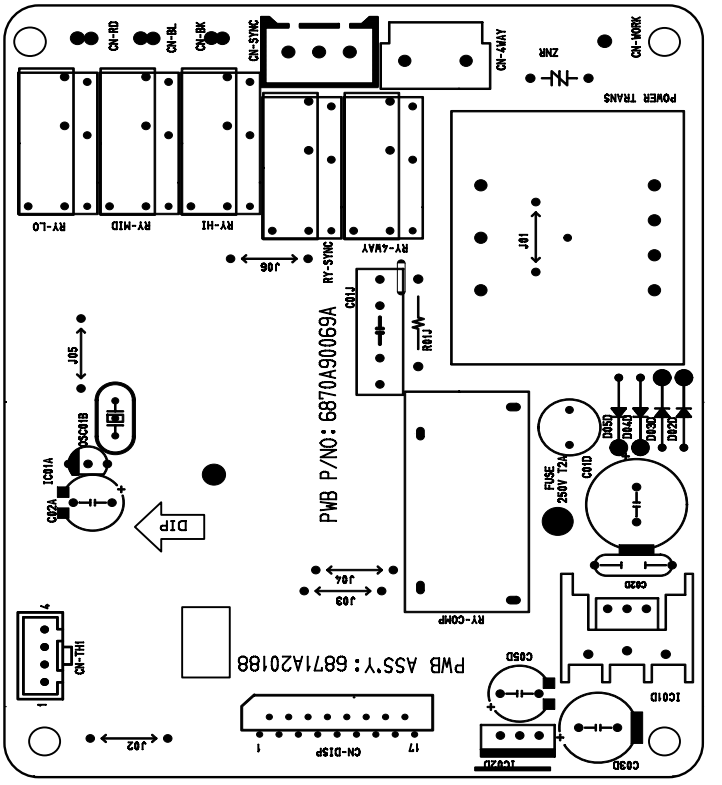
5.2. ELECTOINC CONTROL DEVICE
MODEL: LWC183MGMJ1, LWC183MSMM1

NOTE

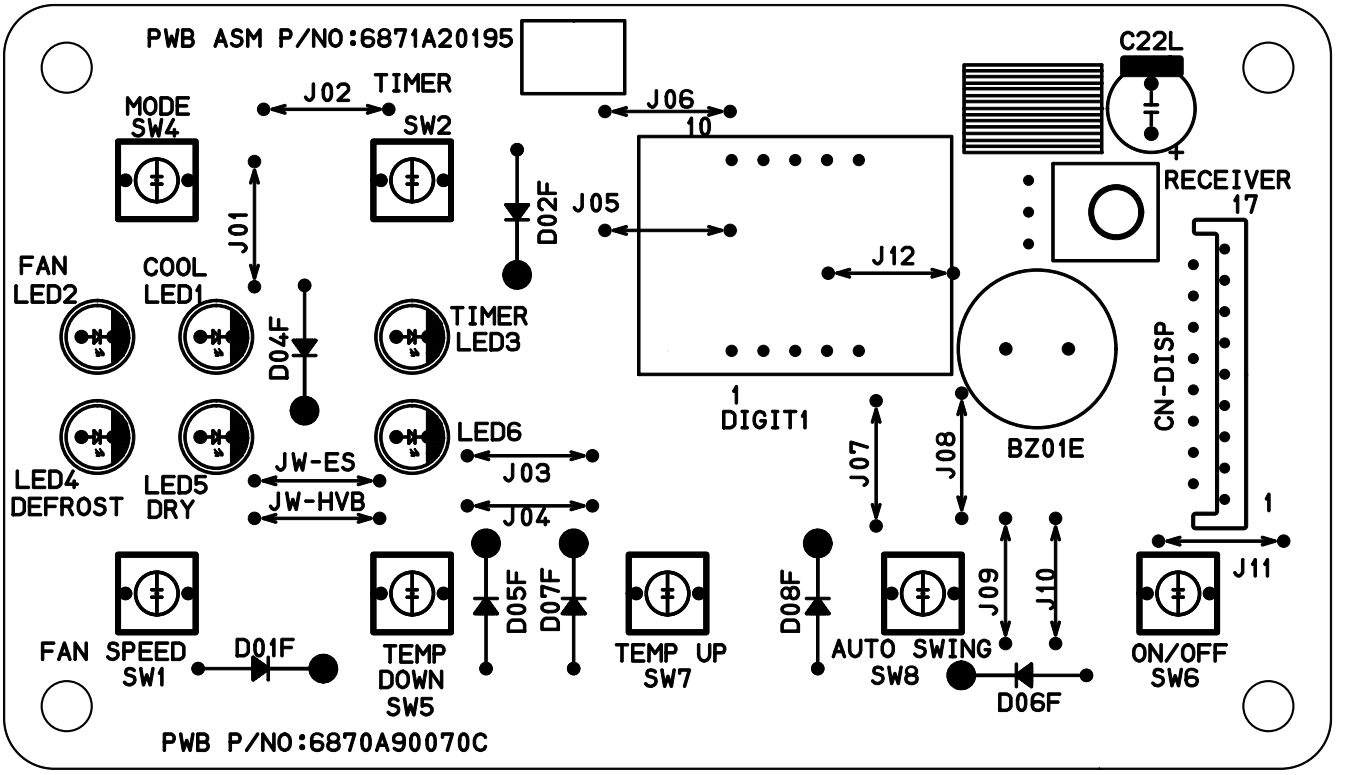
1. The unit of undefined resistors is ohm, 1/6W, 5%.
2. The unit of undefined capacitors is uF.



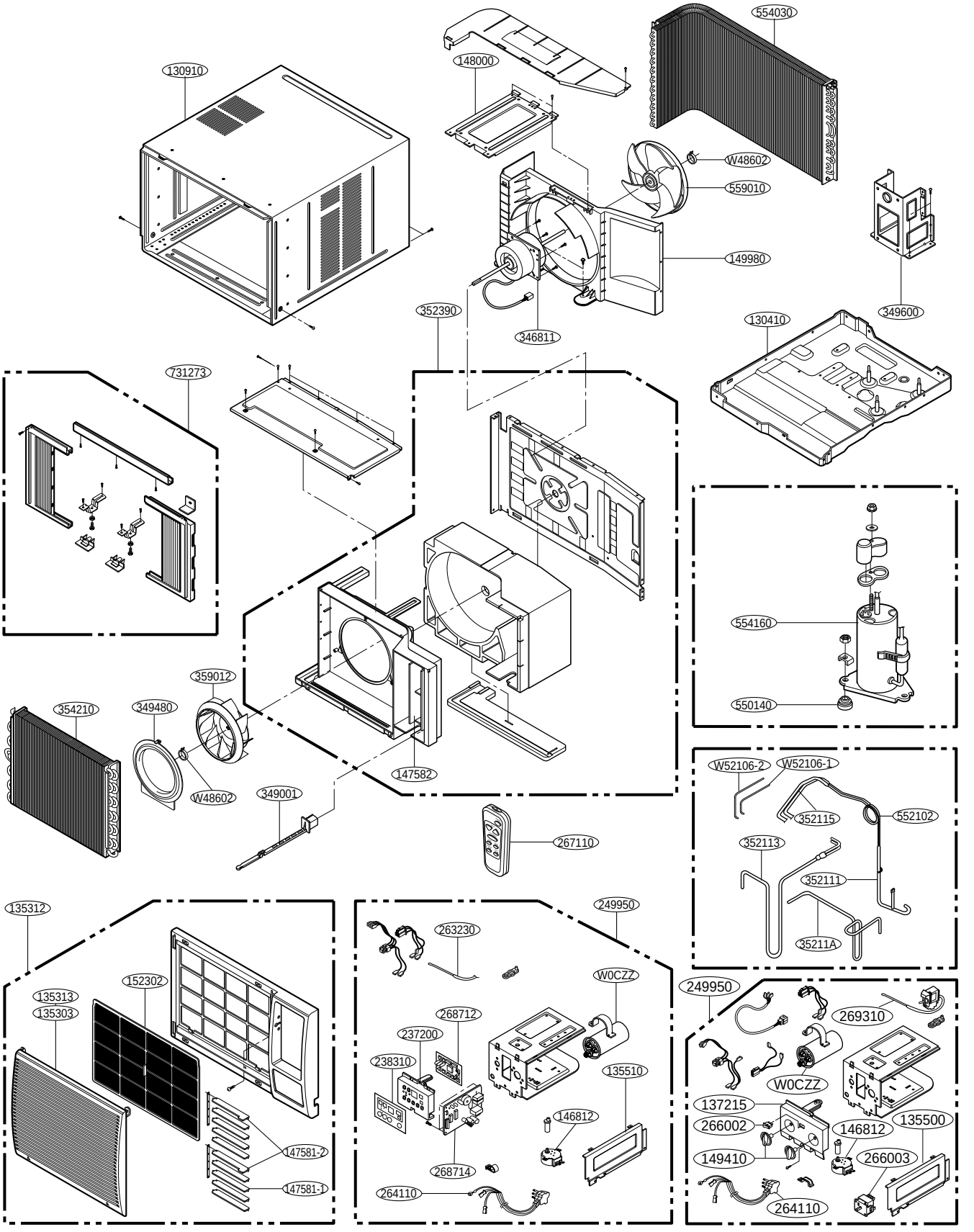
5.3. COMPONENTS LOCATION (FOR MAIN P.C.B ASM)
MODEL: LWC183MGMJ1, LWC183MSMM1



5.4. COMPONENTS LOCATION (FOR DISPLAY P.C.B ASM)
MODEL: LWC183MGMJ1, LWC183MSMM1



6. EXPLODED VIEW



7. REPLACEMENT PARTS LIST

R: Service Parts

LOCATION NO.	DESCRIPTION	PART NO.			REMARK
		LWC183MGMJ1	LWC183MSMM1	LWC183MGAB1	
130410	BASE ASSEMBLY,SINGLE	3041A30002B			R
130910	CABINET ASSEMBLY,SINGLE	3091AR6057B			R
135312	GRILLE ASSEMBLY,FRONT	3531A20005L	3531A20073E	3531A20005A	R
135313	GRILLE,INLET	3530AR1604A	3530AR1603A	3530AR1604A	R
135500	COVER,CONTROL BOX	3551A30015A			R
137215	PANEL ASSEMBLY,CONTROL	-		3721A20002B	R
146812	MOTOR ASSEMBLY,SYNC.	2H01102A			R
147581-1	LOUVER,HORIZONTAL	4758AR7264A			R
147581-2	LOUVER,HORIZONTAL	4758AR7278A			R
147582	LOUVER,VERTICAL	4758AR6157A			R
148000	BRACE	4800AR7272A			R
149410	KNOB ASSEMBLY	-		4941A30001A	R
149980	SHROUD	4998A10027A			R
152302	FILTER ASSEMBLY,A/C	5231AR6159A			R
237200	PANEL ASSEMBLY,CONTROL	3720A10038A	3720AR6163A	-	R
238310	ESCUTCHEON	3831A10017B	3831A20032B	-	R
249950	CONTROL BOX ASSEMBLY,SINGLE	4995A20215U	4995A20215T	4995A20254D	R
263230	THERMISTOR ASSEMBLY	6323A20003D			R
264110	POWER CORD ASSEMBLY	2H00677Q			R
26602	SWITCH,ROCKER	-		2H01316C	R
266003	SWITCH,ROTARY	-		2H00598E	R
267110	REMOTE CONTROLLER	6711A20056M		-	R
268712	PWB(PCB) ASSEMBLY,DISPLAY	6871A20140C	6871A20195C	-	R
268714	PWB(PCB) ASSEMBLY,MAIN	6871A10031F	6871A20188A	-	R
269310	THERMOSTAT ASSEMBLY	-		2H01109L	R
346811	MOTOR ASSEMBLY,SINGLE	4681A20081B			R
349001	DAMPER,VENTILATION	4900AR7265B			R
349480	ORIFICE	4948A20014A			R
349600	MOUNT MOTOR	4960AR1596A			R
352102	TUBE CAPILLARY BEND	5211A20020P			R
352113	TUBE ASSEMBLY,DISCHARGE	5211A20805A			R
352111	TUBE ASSEMBLY, CONNECTOR	5211AR7059W			R
352390	AIR GUIDE ASSEMBLY	5239A20001R			R
354210	EVAPORATOR ASSEMBLY,FIRST	5421A20009D			R
359012	FAN,TURBO	5901A20009A			R
550140	ISOLATOR,COMP	4H00982C			R
554030	CONDENSER ASSEMBLY,FIRST	5403A20112C		5403A20112A	R
554160	COMPRESSOR SET	2520UMGK2AA			R
559010	FAN,AXIAL	5900AR1330A			R
738281	MANUAL,SERVICE	3828A20294E			R
738290	MANUAL,OWNERS	3828A20196Z	3828A20307B	3828A20307K	R
35211A	TUBE ASSEMBLY,SUCTION	5211A10247B			R
W0CZZ	CAPACITOR	6120AR2194F			R
W48602	CLAMP SPRING	3H02932C			R
W52106-1	TUBE,EVAPORATOR	5210A30009X			R
W52106-2	TUBE,EVAPORATOR	5210A30009W			R

NOTE) ∗Please ensure GCSC since these parts may be changed depending upon the buyer's request.
(GCSC WEBSITE http://biz.LGservice.com)

LG Electronics Inc.

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