



website <http://www.lgservice.com>
e-mail <http://www.lgservice.com/techsup.html>

LG

LG

Room Air Conditioner

SERVICE MANUAL

***MODELS: LC6000, LC8000, LC1000Y3
LC1200Y3, LC6000Y4, LC8000Y4
LC1000Y4, LC1200Y4,
LEA0610ACL, LEA0810ACL, LEA1010ACLY3, LEA1210ACL
LV080CE, LV100CE, LV120CE
HBLG1000CY3, HBLG1004C***

CAUTION

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

TABLE OF CONTENTS

Preface	3	Refrigerating Cycle	14
Electronic Type	3	Condenser	14
Mechanical Type	3	Evaporator	14
Safety Precautions	4	Capillary tube	15
Product Specifications	6	Installation	17
Operation	8	How to Install the unit	17
Features	8	Checking installation	17
Control Locations	8	How to drain	17
Mechanical type model	8	Window Requirements	18
Electronic type model	9	Installation Kits Contents	18
Disassembly Instructions	10	Horizontal Sliding Window Installation	19
Mechanical Parts	10	Casement Window Installation	20
Front grille	10	Troubleshooting Guide	21
Cabinet	10	Outside dimensions	21
Control box	10	Piping system	21
Air Handling Parts	11	Troubleshooting Guide	22
Air guide and turbo fan	11	Room Air Conditioner Voltage Limits	29
Fan	11	Mechanical type model	29
Shroud	12	Electronic type model	29
Electrical Parts	12	Schematic Diagram	33
Overload protector	12	Circuit Diagram	33
Compressor	12	Electronic Control Device	38
Capacitor	13	Components Location	
Power cord	13	(For Main P.C.B ASM)	39
Thermostat	13	Components Location	
Rotary switch	13	(For Display P.C.B ASM)	39
Motor	14	Exploded View & Replacement Parts List	40

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.

Electronic Type

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 1MΩ.

Mechanical Type

1. Unplug the power cord and connect a jumper between 2 pins (black and white).
2. The grounding conductor (green) 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 the positions (except OFF) of the ROTARY SWITCH.
4. The value should be over 1MΩ.

Safety Precautions

To prevent injury to the user or other people and property damage, the following instructions must be followed.

- Incorrect operation due to ignoring instruction will cause harm or damage. The seriousness is classified by the following indications.

⚠ WARNING This symbol indicates the possibility of death or serious injury.

⚠ CAUTION This symbol indicates the possibility of injury or damage to properties only.

- Meanings of symbols used in this manual are as shown below.



Be sure not to do.



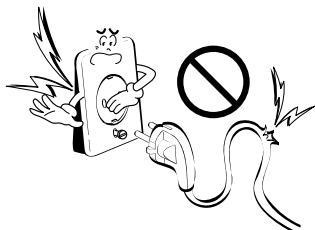
Be sure to follow the instruction.

⚠ WARNING

■ Installation

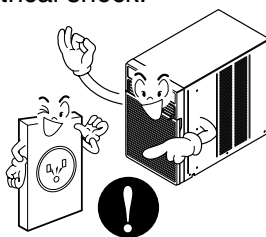
Don't use a power cord, a plug or a loose socket which is damaged.

- Otherwise, it may cause a fire or electrical shock.



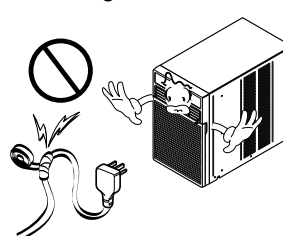
Always plug into a grounded outlet.

- Otherwise, it may cause a fire or electrical shock.



Do not modify or extend the power cord length.

- It will cause electric shock or fire due to heat generation.



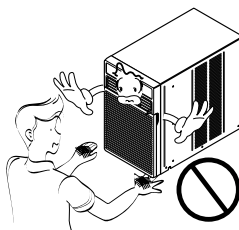
Do not disassemble or modify products.

- It may cause failure and electric shock.



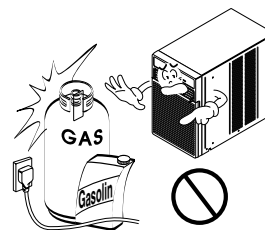
Be caution when unpacking and installing.

- Sharp edges may cause injury.



Do not use the power cord near flammable gas or combustibles such as gasoline, benzene, thinner, etc.

- It may cause explosion or fire.



! CAUTION

■ **Installation**

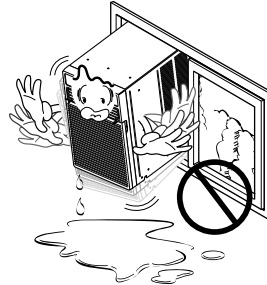
Install the product so that the noise or hot wind from the outdoor unit may not cause any damage to the neighbors.

- Otherwise, it may cause dispute with the neighbors.



Keep level parallel in installing the product.

- Otherwise, it may cause vibration or water leakage.



Product Specifications

FOR

LC6000/LC8000/LC1000Y3/LC1200Y3/LC6000Y4/LC8000Y4/LC1000Y4/LC1200Y4/LEA0610ACL/
LEA0810ACL/LEA1010ACLY3/LEA1210ACL/HBLG1000CY3

ITEMS		MODELS	LC6000 LEA0610ACL	LC6000Y4	LC8000 LEA0810ACL	LC8000Y4	LC1000Y3 LEA1010ACLY3 HBLG1000CY3	LC1000Y4	LC1200Y3 LEA1210ACL	LC1200Y4
POWER SUPPLY			115V, 60Hz							
COOLING CAPACITY (Btu/h)			6,000		8,000		10,000		12,000	
INPUT (W)			630		840		1,050		1,260	
RUNNING CURRENT (A)			5.8		7.7		9.6		11.5	
E.E.R (BTU/W·h)			9.5							
OPERATING CONDITION	INDOOR (°C)		26.7(DB)*				19.4(WB)**			
	OUTDOOR (°C)		35(DB)*				23.9(WB)**			
REFRIGERANT (R-22) CHARGE			280g(9.9 oz)	300g(10.6 oz)	460g(16.2 oz)	445g (15.7 oz)	530g(18.7 oz)	520g(18.3 oz)	510g(18.0 oz)	
EVAPORATOR			2 ROW 16 STACKS, SLIT FIN TYPE				3 ROW 16 STACKS, SLIT FIN TYPE			
CONDENSER			1 ROW 23 STACKS, SLIT FIN TYPE		2 ROW 23 STACKS, LOUVER FIN TYPE					
FAN, INDOOR			TURBO FAN							
FAN, OUTDOOR			AXIAL FAN							
FAN SPEEDS, FAN/COOLING			2/3							
FAN MOTOR			6 POLES							
OPERATION CONTROL			ROTARY SWITCH							
ROOM TEMP. CONTROL			THERMOSTAT							
AIR DIRECTION CONTROL			VERTICAL LOUVER (RIGHT & LEFT)							
			HORIZONTAL LOUVER (UP & DOWN)							
CONSTRUCTION			TOP-DOWN CHASSIS							
PROTECTOR	COMPRESSOR		OVERLOAD PROTECTOR							
	FAN MOTOR		INTERNAL THERMAL PROTECTOR							
POWER CORD			3 WIRE WITH GROUNDING							
			ATTACHMENT PLUG (CORD-CONNECTED TYPE)							
DRAIN SYSTEM			DRAIN PIPE SPLASHED BY FAN SLINGER							
NET WEIGHT (lbs/kg)			57/26		66/30		77/35		79/36	
OUTSIDE DIMENSION (W x H x D)	(inch)		14½ x 20½ x 23⅝							
	(mm)		368 x 521 x 607							

* DB:Dry Bulb

**WB:Wet Bulb

FOR
LV080CE/LV100CE/LV120CE/HBLG1004C

ITEMS \ MODELS		LV080CE	LV100CE HBLG1004C	LV120CE
POWER SUPPLY		115V, 60Hz		
COOLING CAPACITY (Btu/h)		8,000	10,000	12,000
INPUT (W)		840	1,050	1,260
RUNNING CURRENT (A)		7.7	9.6	11.5
E.E.R (BTU/W·h)		9.5		
OPERATING CONDITION	INDOOR (°C)	26.7(DB)* 19.4(WB)**		
	OUTDOOR (°C)	35(DB)* 23.9(WB)**		
REFRIGERANT (R-22) CHARGE		300g(10.6 oz)	445g(15.7 oz)	510g(18.0 oz)
EVAPORATOR		2 ROW 16 STACKS, SLIT FIN TYPE	3 ROW 16 STACKS, SLIT FIN TYPE	
CONDENSER		2 ROW 23 STACKS, LOUVER FIN TYPE		
FAN, INDOOR		TURBO FAN		
FAN, OUTDOOR		AXIAL FAN		
FAN SPEEDS, FAN/COOLING		3/3		
FAN MOTOR		6 POLES		
OPERATION CONTROL		REMOTE CONTROLLER		
ROOM TEMP. CONTROL		THERMISTOR		
AIR DIRECTION CONTROL		VERTICAL LOUVER (RIGHT & LEFT)		
		HORIZONTAL LOUVER (UP & DOWN)		
CONSTRUCTION		TOP-DOWN CHASSIS		
PROTECTOR	COMPRESSOR	OVERLOAD PROTECTOR		
	FAN MOTOR	INTERNAL THERMAL PROTECTOR		
POWER CORD		3 WIRE WITH GROUNDING		
		ATTACHMENT PLUG (CORD-CONNECTED TYPE)		
DRAIN SYSTEM		DRAIN PIPE SPLASHED BY FAN SLINGER		
NET WEIGHT (lbs/kg)		66/30	77/35	79/36
OUTSIDE DIMENSION (W x H x D)	(inch)	14 ¹ / ₂ x 20 ¹ / ₂ x 23 ³ / ₅		
	(mm)	368 x 521 x 607		

* DB:Dry Bulb

** WB:Wet Bulb

Operation

Features

- Designed for COOLING ONLY.
- Powerful and whispering cooling.
- Simple installation and service.
- Low air-intake, top cooled-air discharge.
- Built-in adjustable THERMOSTAT or THERMISTOR
- Washable one-touch filter
- Compact size
- Reliable and efficient rotary compressor is equipped.

Control Locations

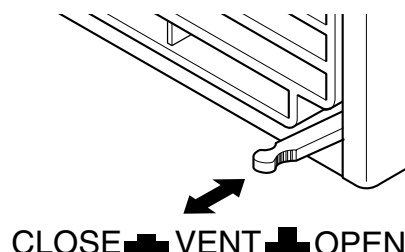
MECHANICAL TYPE MODEL

• 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 OPEN position.

The damper is opened and room air is exhausted.



• TEMP

Thermostat will automatically control the temperature of the room. Select a higher number for a cooler temperature in the room. The temperature is selected by moving the knob to the desired position.

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

• MODE

OFF - Turns air conditioner off.

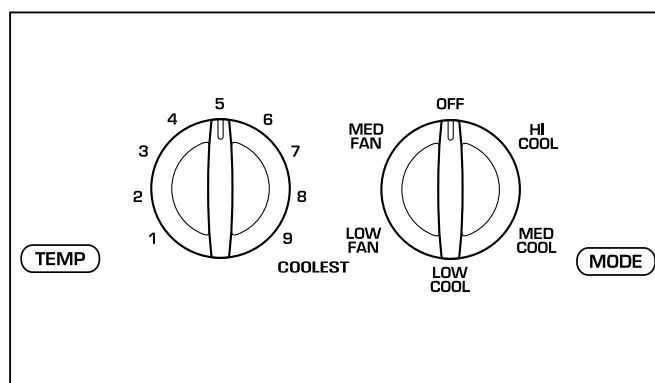
MED FAN - Med speed fan operation without cooling.

LOW FAN - Low speed fan operation without cooling.

HI COOL - Cooling with high speed fan operation.

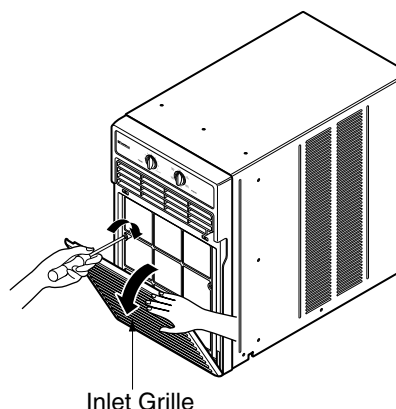
MED COOL - Cooling with med speed fan operation.

LOW COOL - Cooling with low speed fan operation.

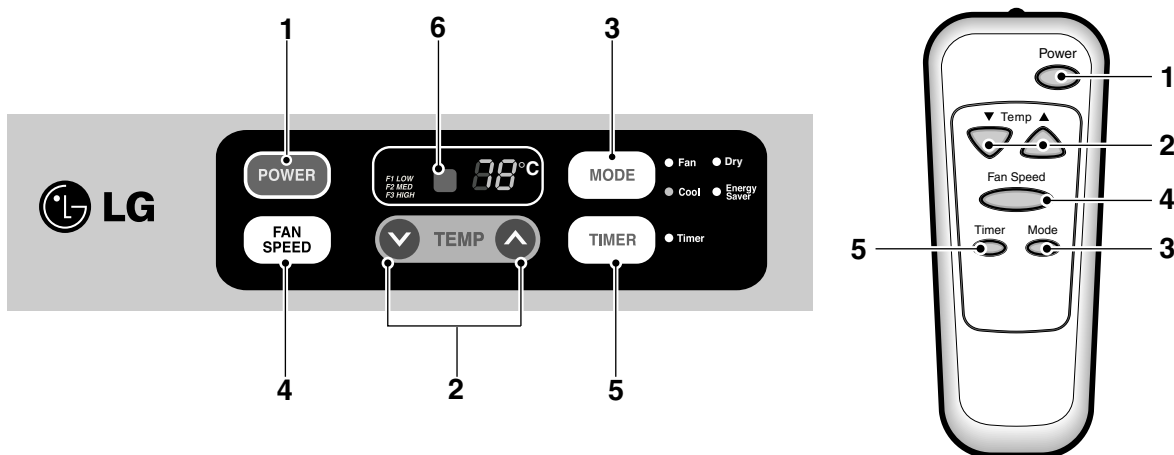


NOTICE Before using the air conditioner secure the front grille with two screws enclosed with the owner's manual.

1. Open the inlet grille downward and remove the air filter.
2. Fasten the front grille with screws.
3. Reinstall the air filter.
4. Close the inlet grille.



ELECTRONIC TYPE MODEL



Precaution: The Remote Control unit will not function properly if bright 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

- To turn the air conditioner ON, push this button. To turn the air conditioner OFF, push the button again.
- This button takes priority over any other button.
- When you first turn it on, the unit is in cool mode, high fan speed, temperature setting at 22°C(72°F).

2. TEMPERATURE SETTING

- Use this button to automatically control the temperature of the room.
The temperature can be set within a range of 16°C(60°F) to 30°C(86°F) by increments of 1°C(1°F).

3. MODE

- Every time you push this button, it will cycle through the following modes: COOL, ENERGY SAVER, FAN and DRY.
- ENERGY SAVER
- The fan stops when the compressor stops cooling. Approximately every 3 minutes the fan will turn on and the unit will check the room air to determine if cooling is needed.

4. FAN SPEED

- Every time you push this button, it advances the setting as follows: {High(F3) → Low(F1) → Med(F2) → High(F3)}

5. TIMER

- SHUT-OFF TIME
- You will usually use shut-off time while you sleep.
- With unit running, use Timer to set number of hours until shut-off.
- For your sleeping comfort, once Time is set, the Temperature setting will raise 1°C(2°F) after 30 min, and 1°C(2°F) after another 30 min.
- Every time you push Timer button, it advances the Timer setting as follows: 1 Hour → 2 Hours → etc. → 12 Hours maximum.
- START TIME
- With unit not running, use timer to set number of hours before unit starts.
- Every time you push Timer button, it advances the Timer setting as follows: 1 Hour → 2 Hours → etc. → 12 Hours maximum.

6. REMOTE CONTROL SENSOR

AUTO RESTART

When power is restored after an electrical power failure, the unit will begin to run at its last setting.

Disassembly Instructions

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

Mechanical Parts

FRONT GRILLE

1. Open the inlet grille downward and remove the air filter.
2. Remove the screws which fasten the front grille.(See Figure 1)
3. Pull the front grille from the right side.
4. Remove the front grille.(There are 4 hooks.)
5. Re-install the components by referring to the removal procedure, above.

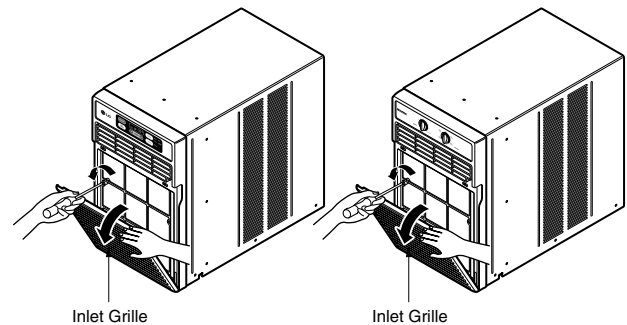


Figure 1

CABINET

1. After disassembling the FRONT GRILLE, remove the 6 screws which fasten the cabinet at both sides.(See Figure 2)
2. Remove the 4 screws which fasten the cabinet at back.
3. Remove the cabinet.
4. Re-install the components by referring to the removal procedure, above.

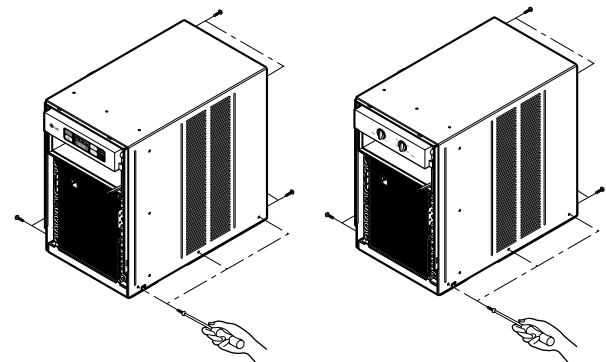


Figure 2

CONTROL BOX

1. Remove the front grille. (Refer to section 2.1.1)
2. Remove the cabinet. (Refer to section 2.1.2)
3. Remove the 1 screw which fasten the power cord. (See Figure 3)
4. Disconnect the grounding screw from the evaporator channel.
5. Remove the 2 screws which fasten the control box.(See Figure 3)
6. Remove the housing which connects motor wire in the control box.
7. Remove three leads which connect compressor.
8. Discharge the capacitor by placing a 20,000 ohm resistor across the capacitor terminals.
9. Raise the control box upward completely.
10. Re-install the components by referring to the removal procedure, above.
(Refer to the circuit diagram found on pages 29~32 in this manual and on the control box.)

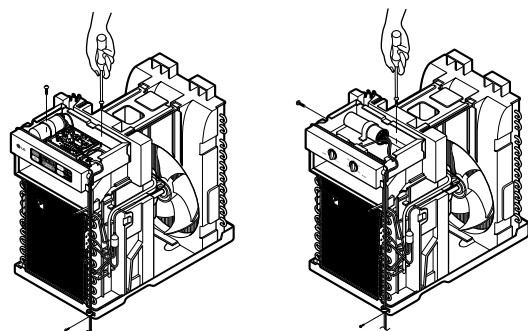


Figure 3

Air Handling Parts

AIR GUIDE AND TURBO FAN

1. Remove the front grille. (Refer to section 2.1.1)
2. Remove the cabinet. (Refer to section 2.1.2)
3. Remove the control box. (Refer to section 2.1.3)
4. Remove the 4 screws which fasten the brace.
5. Remove the brace.
6. Remove the 2 screws which fasten the upper air guide. (See Figure 4)
7. Remove the upper air guide.
8. Remove the 2 screws which fasten the evaporator.
9. Move the evaporator forward and pulling it upward slightly. (See Figure 5)
10. Remove orifice by pulling two taps.
11. Remove the clamp with a hand plier which secures the turbo fan.
12. Remove the turbo fan. (See Figure 6)
13. Remove the motor. (Refer to section 2.3.7)
14. Remove the 2 screws which fasten the lower air guide from the base pan.
15. Remove the 2 screws which fasten the motor mount from the base pan.
16. Remove the 2 screws which fasten the lower air guide and motor mount.
17. Move the lower air guide backward and pull out from the base pan. (Move the lower air guide carefully.)
18. Re-install the components by referring to the removal procedure, above.

FAN

1. Remove the cabinet. (Refer to section 2.1.2)
2. Remove the brace (Refer to section 2.2.1)
3. Remove 6 screws which fasten the condenser.
4. Move the condenser to the right carefully.
5. Remove the clamp with a hand plier which secures the fan.
6. Remove the fan. (See Figure 7)
7. Re-install by referring to the removal procedure.

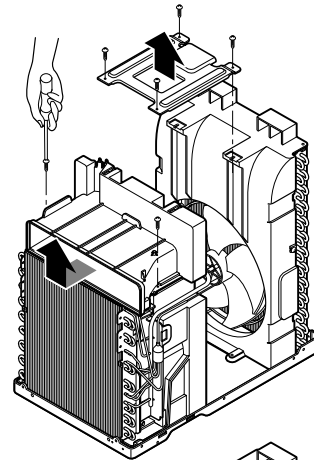


Figure 4

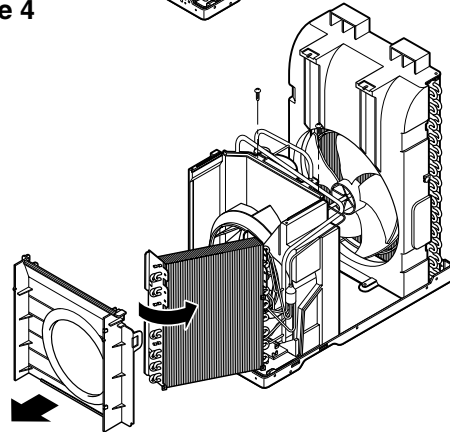


Figure 5

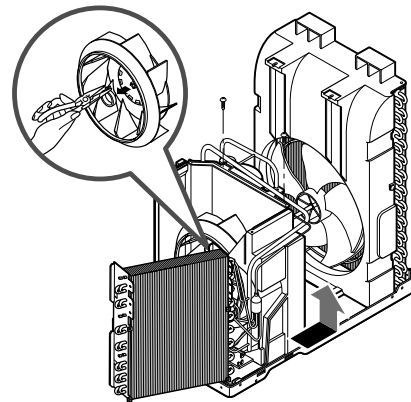


Figure 6

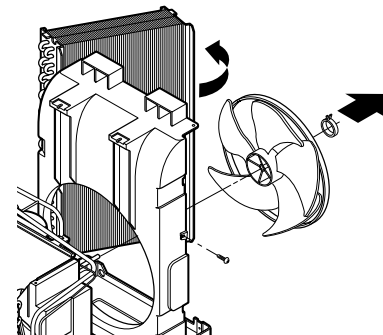


Figure 7

SHROUD

1. Remove the fan. (Refer to section 2.2.2)
2. Remove the shroud. (See Figure 8)
3. Re-install the components by referring to the removal procedure, above.

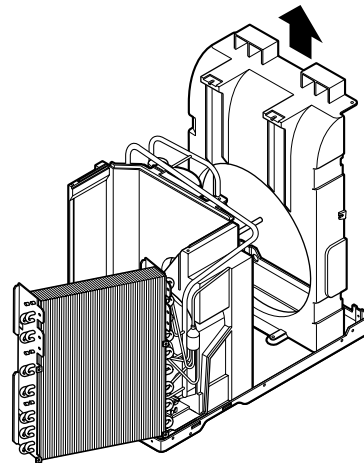


Figure 8

Electrical Parts

OVERLOAD PROTECTOR

1. Remove the cabinet. (Refer to section 2.1.2)
2. Remove the nut which fastens the terminal cover.
3. Remove the terminal cover. (See Figure 9)
4. Remove all the leads from the overload protector.
5. Remove the overload protector.
6. Re-install the components by referring to the removal procedure, above.

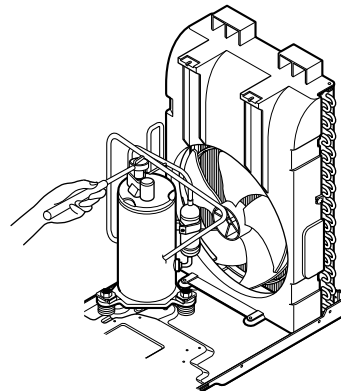


Figure 9

COMPRESSOR

1. Remove the cabinet. (Refer to section 2.1.2)
2. 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.
3. Remove the overload protector. (Refer to section 2.3.1)
4. After purging the unit completely, unbrazed the suction and discharge tubes at the compressor connections.
5. Remove the 3 nuts and the 3 washers which fasten the compressor.
6. Remove the compressor. (See Figure 10)
7. Re-install the components by referring to the removal procedure, above.

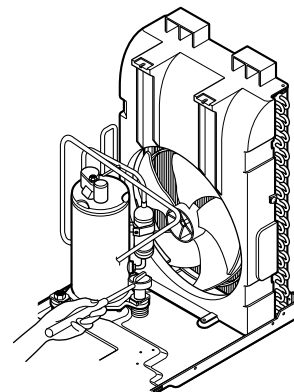


Figure 10

CAPACITOR

1. Remove the cabinet. (Refer to section 2.1.2)
2. Remove the screw and the clamp which fastens the capacitor.
3. Disconnect all the leads of capacitor terminals.
4. Re-install the components by referring to the removal procedure, above. (See Figure 11)

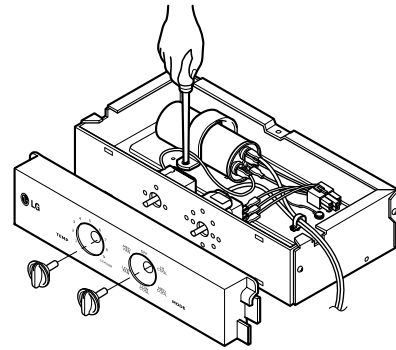
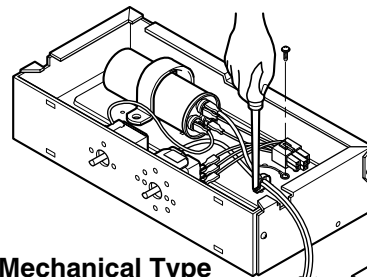


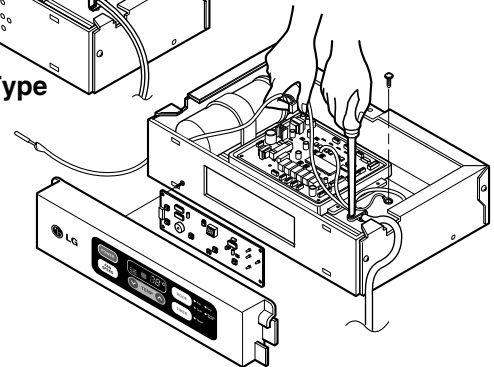
Figure 11

POWER CORD

1. Remove the cabinet. (Refer to section 2.1.2)
2. Disconnect the grounding screw from the control box.
3. Disconnect the 2 receptacles.
4. Remove a screw which fastens the clip cord. (See Figure 12)
5. Remove the power cord.
6. Re-install the component by referring to the above removal procedure, above.
(Use only one ground-marked hole \oplus for ground connection.)
7. 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 attached at the unit.)



Mechanical Type



Electronic Type

Figure 12

THERMOSTAT(For Mechanical Type)

1. Remove the cabinet. (Refer to section 2.1.2)
2. Remove the 2 screws which fasten the thermostat.
3. Disconnect 2 leads of thermostat terminals.
4. Remove the thermostat.
5. Re-install the components by referring to the above removal procedure. (See Figure 13)

THERMOSTAT(For Electronic Type)

1. Plug out thermistor from the main PCB.

ROTARY SWITCH

1. Remove the cabinet. (Refer to section 2.1.2)
2. Remove the 2 screws which fasten the rotary switch.
3. Disconnect all the leads of the rotary switch terminals.
4. Remove the rotary switch.
5. Re-install the components by referring to the above removal procedure. (See Figure 14)

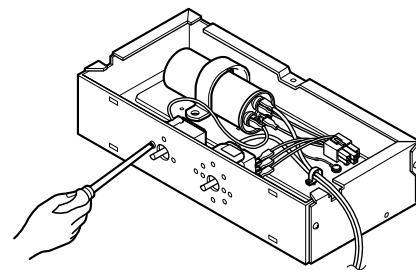


Figure 13

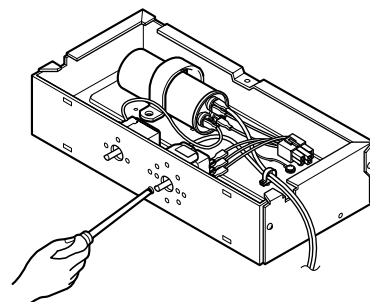


Figure 14

MOTOR

1. Remove the cabinet. (Refer to section 2.1.2)
2. Remove the turbo fan. (Refer to section 2.2.1)
3. Remove the fan. (Refer to section 2.2.2)
4. Remove the 4 screws which fasten the motor from the Motor Mount. (See Figure 15)
5. Remove the motor.
6. Re-install the components by referring to the removal procedure, above. (See Figure 15)

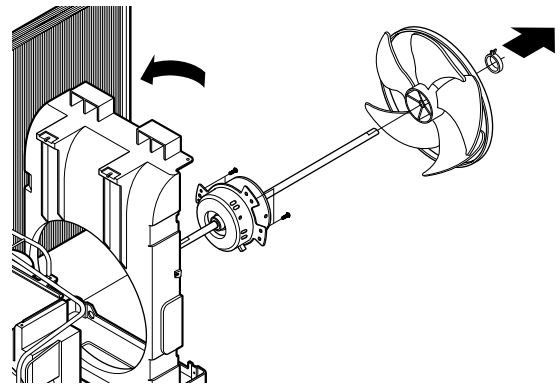


Figure 15

Refrigerating Cycle

CONDENSER

CAUTION

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.

1. Remove the cabinet. (Refer to section 2.1.2)
2. Remove the 4 screws which fasten the brace.
3. Remove the 4 screws which fasten the condenser and shroud. (See Figure 16)
4. Remove the 2 screws which fasten the condenser and base pan.
5. After discharging the refrigerant completely, unbrazed the interconnecting tube at the condenser connections.
6. Remove the condenser.
7. Re-install the components by referring to notes. (See Figure 16)

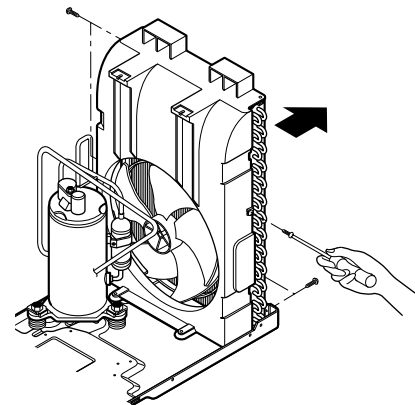


Figure 16

EVAPORATOR

1. Remove the cabinet. (Refer to section 2.1.2)
2. Remove the control box. (Refer to section 2.1.3)
3. Remove the upper air guide. (Refer to section 2.2.1)
4. Remove the 2 screws which fasten the evaporator from lower air guide.
5. Move the evaporator sideways carefully. (Refer to section 2.2.1)
6. After discharging the refrigerant completely, unbrazed the interconnecting tube at the evaporator connections.
7. Remove the evaporator.
8. Re-install the components by referring to notes. (See Figure 17)

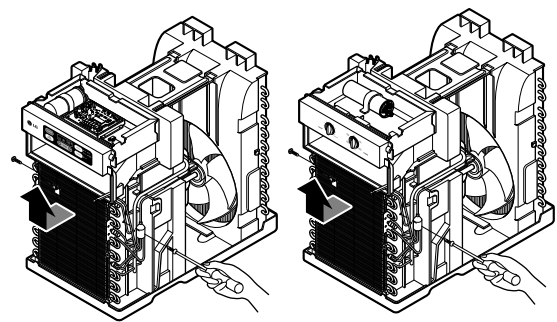


Figure 17

CAPILLARY TUBE

1. Remove the cabinet. (Refer to section 2.1.2)
2. After discharging the refrigerant completely, unbraid the interconnecting tube at the capillary tube. (See caution above)
3. Remove the capillary tube.
4. Re-install the components by referring to notes.

NOTES

— Replacement of the refrigerant.

1. When replacing the refrigerant, 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 unbraid 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 figure 18A.
 - 2) Start the vacuum pump, slowly open manifold valves A and B with two full turns counterclockwise and leave the valves open.
The vacuum pump is now pulling through valves A and B up to valve C by means of the manifold and entire system.
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 figure 18B.
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.

CAUTION

If high vacuum equipment is used, adjust valves A and B so they are opened only slightly 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 figure 18B.
Open valve C.
Discharge the line at the manifold connection.
- 5) The system is now ready for final charging.

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

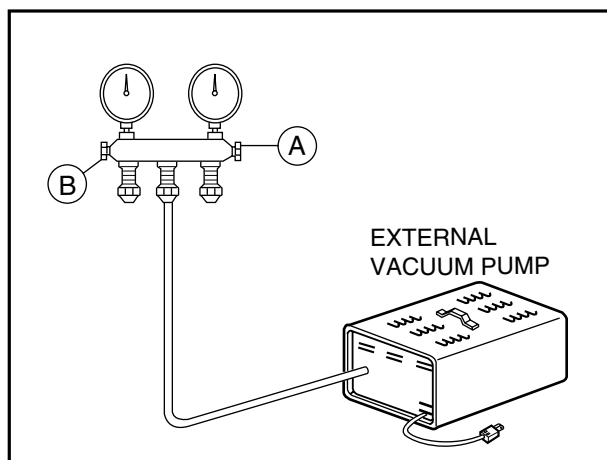
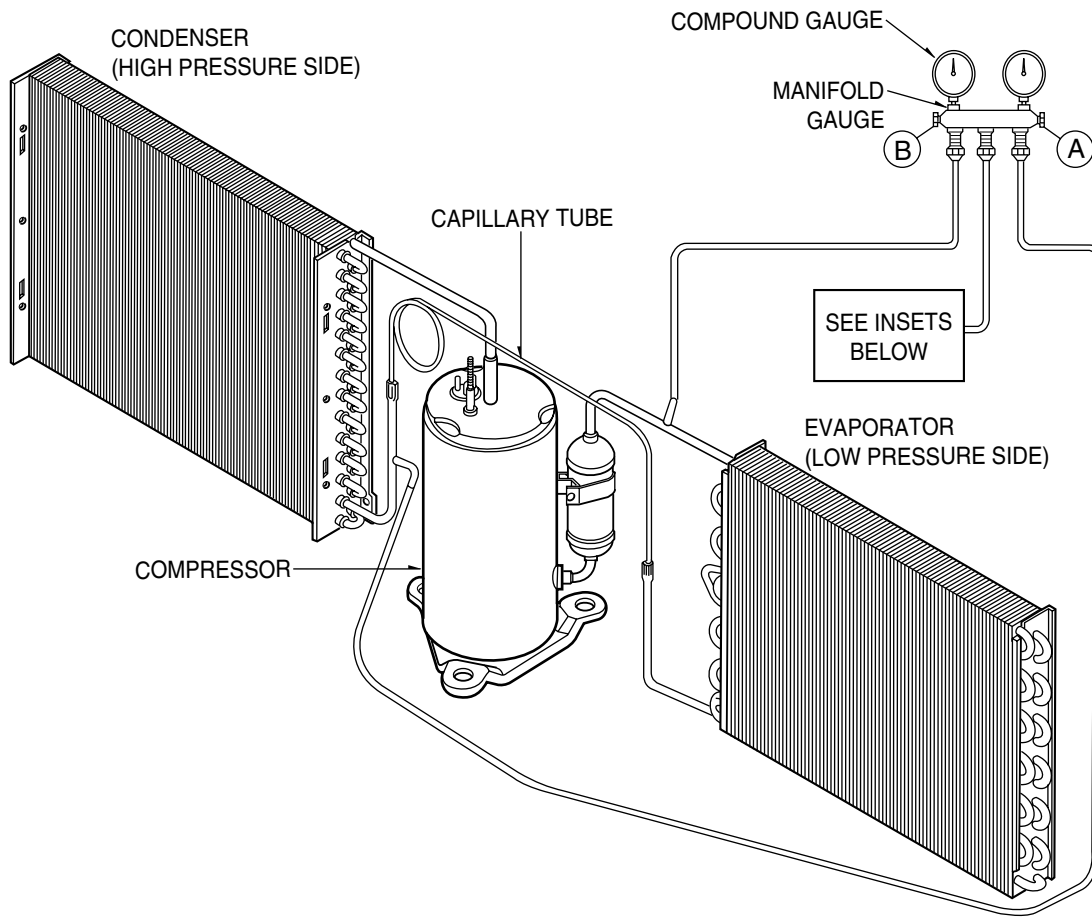


Figure 18A-Pulling Vacuum

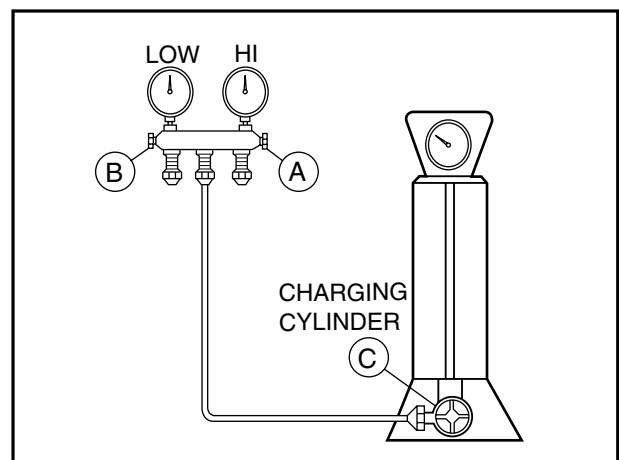


Figure 18B-Charging

Installation

HOW TO INSTALL THE UNIT

1. To avoid vibration and noise, make sure the unit is installed securely and firmly.
2. Install the unit where the sunlight does not shine directly on the unit.
If the unit receives direct sunlight, build an awning to shade the cabinet.
3. There should be no obstacle, like a fence, within 20" which might restrict heat radiation from the condenser.
4. To prevent reducing performance, install the unit so that louvers of the cabinet are not blocked.
5. Install the unit a little obliquely outward not to leak the condensed water into the room (about 1/4").
6. Install the unit with its bottom portion 30~60" above the floor level.
7. Stuff the foam between the top of the unit and the wall to prevent air and insects from getting into the room.
8. The power cord must be connected to an independent circuit. The green wire must be grounded.
9. Connect the drain tube to the base pan hole in the rear side if you need to drain (consult a dealer).
Plastic hose or equivalent may be connected to the drain tube.

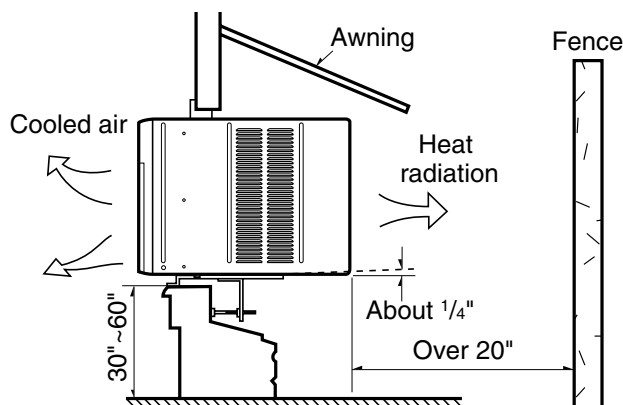


Figure 19

CHECKING INSTALLATION

The setting conditions must be checked prior to initial starting.

The items mentioned below are especially important checking points when the installation is finished.

1. Grounding wire (Green or Green and Yellow) is provided in the power cord. The green wire must be grounded.
2. Connect to a single-outlet 15A circuit.
3. To avoid vibration or noise, make sure the air conditioner is installed securely.
4. Avoid placing furniture or draperies in front of the air inlet and outlet.

HOW TO DRAIN (When using drain pipe)

The air conditioner must be installed horizontally or tilted slightly to the outside for proper water drainage.

On exceptionally hot and humid days the air conditioner may overflow condensed water.

If the air conditioner is used in hot and a high humidity zone, exchange the ① DRAIN CAP for the ② DRAIN PIPE. (See Figure 20, Figure 21)

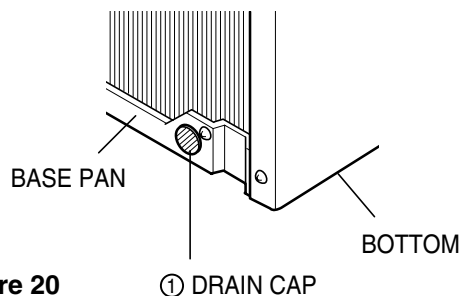


Figure 20

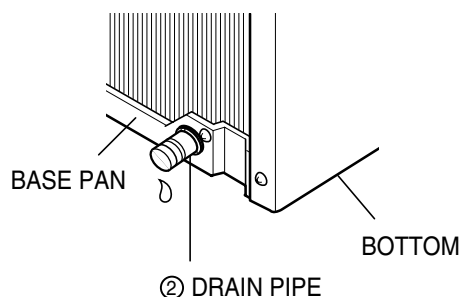
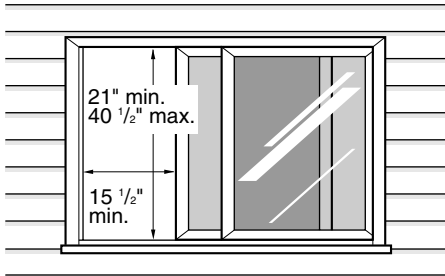


Figure 21

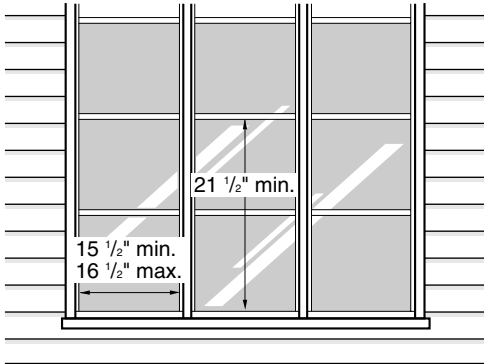
WINDOW REQUIREMENTS

- 1. These instructions are for a horizontal sliding or a casement window.
- 2. The electrical outlet must be within reach of the power cord.

For installation in a casement window, the window frame assembly and the side of the building must be adequate to support the weight of the air conditioner.



Horizontal sliding window



Casement window

INSTALLATION KITS CONTENTS

Window Locking Bracket

Side Guide

Upper Guide

Curtain Frame

Curtain

Bracket

Support Bracket

Leveling bolt & nut

Side Guide

Foam Seal Strip

Side Guide Seal

Window Track Seal

Bolt (2)	Nut (2)	Washer (2)	Type A (9)	Type B (3)	Type C (8)

HORIZONTAL SLIDING WINDOW INSTALLATION

1. Loosely attach the Support Bracket to the bottom of Bracket using Bolts, Washers, and Nuts. Attach the Leveling bolt and nut. (See Figure 22)
 2. Remove protective backing from Window Track Seal and apply seal to window track. (See Figure 23)
 3. Measure and lightly mark a line 8-1/4 inches from window jamb. Center the Support Bracket assembly on the window track and fasten with 4 Type C screws. (See Figure 23)
 4. Put the Support Bracket against the outside wall and tighten the Bolts on top of the Bracket. Adjust the Leveling Bolt so that the air conditioner will be installed with a very slight tilt (about 1/4") downward toward the outside for proper drainage. Tighten the nut. (See Figure 24)
- NOTE:** DO NOT drill a hole in the bottom of the base pan. The air conditioner is designed to operate with the bottom of the base pan approximately half-full of water.
5. Fasten Side Guides to the sides of the Air Conditioner using 3 Type A screws per Guide. Start with first screw at middle of Guide. (See Figure 25)
 6. Fasten Upper Guide on the top of the Air Conditioner using 3 Type A screws. (See Figure 25)
 7. Measure height of window opening from top of Bracket assembly as shown Fig. 26. Subtract 20-3/4 inches. Mark this measurement on Curtain and cut the Curtain. (See Figure 26)

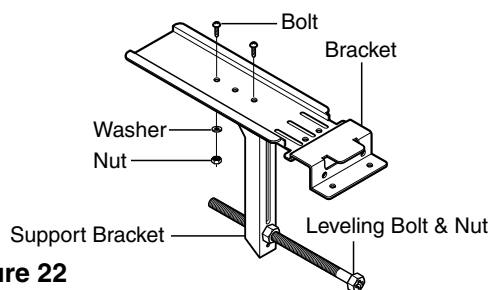


Figure 22

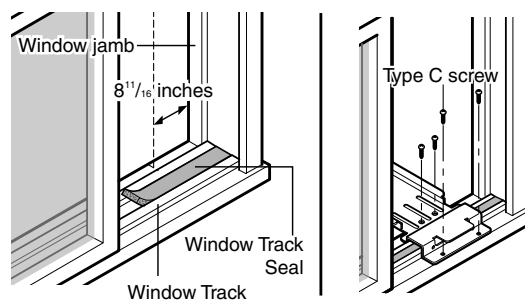


Figure 23

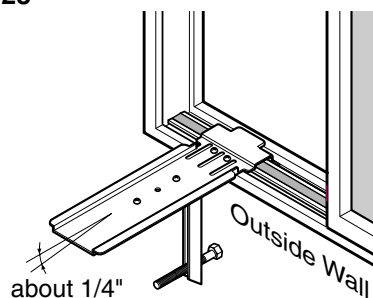


Figure 24

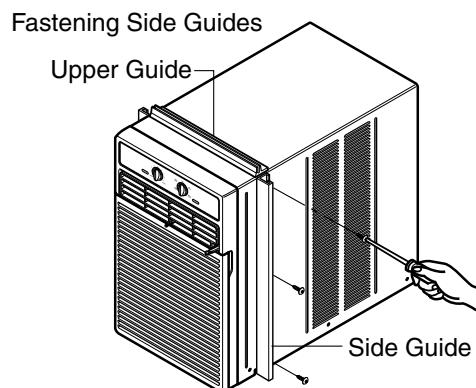


Figure 25

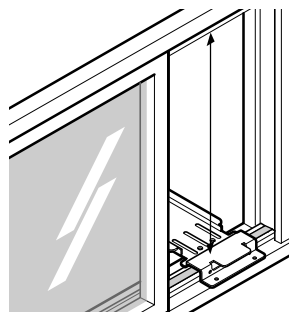


Figure 26

8. Slide Curtain into Curtain Frame. Slide Curtain Frame assembly into side Guides of the Air Conditioner cabinet. Make sure Curtain is firmly enclosed on all sides by the Frame. (See Figure 27)

9. Cut side Guide seal into 2 equal lengths. Remove protective backing and apply it to the rear side of cabinet Side Guides, starting just below Curtain Frame assembly. Pinch off excess length so seal is even with the bottom of side Guide. (See Figure 28)

10. Place Air Conditioner in window opening. It should sit on Bracket assembly so that Curtain Frame and cabinet Side Guides are against top and side window jambs. Mate front of Bracket with Base Guide attached to the bottom of base pan.

11. Drill 1/8 inch holes in window track through the existing holes on Base Guide. Screw 4 Type C screws through the holes. (See Figure 29)

12. If this is a casement window installation, proceed to Casement Window Installation. If not, slide inner window sash firmly against side of the cabinet.

13. Drill 1/8 inch hole in window jamb to align with the existing holes in the Curtain Frame. Attach Curtain Frame to window frame with 2 Type B screws. (See Figure 29)

NOTE: Check all seals and plug any remaining air gaps with a suitable weatherproof caulk.

14. If this is a casement window installation, proceed to Casement Window Installation. If not, stuff the Foam Seal Strip between the vertical sash and the window glass. (See Figure 30)

15. Attach the Window Locking Bracket with a Type B screw. (See Figure 30)

CASEMENT WINDOW INSTALLATION

- Installation procedure is the same as that described in steps 1 through 11 and step 13 of the Horizontal Sliding Window installation.
- If the window opening is wider than 15-3/4 inches you will need to install a filler panel. Make this panel from 3/4 inch thick wood and run it the full length of the window. Attach it securely to the window frame and paint it to protect it from the weather.
- Since styles and sizes of casement windows vary widely, it is advisable to have the air conditioner installed by someone skilled in this type of installation.

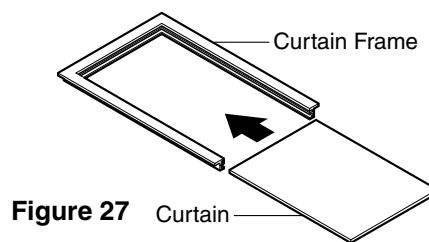


Figure 27

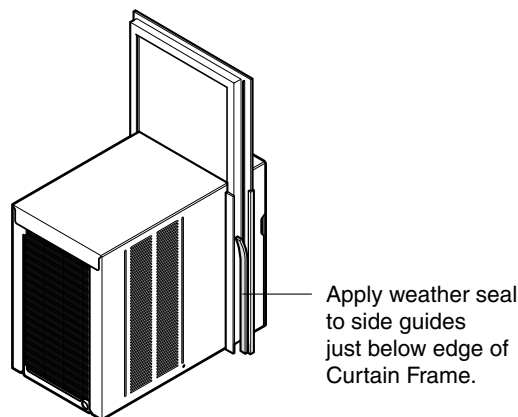


Figure 28

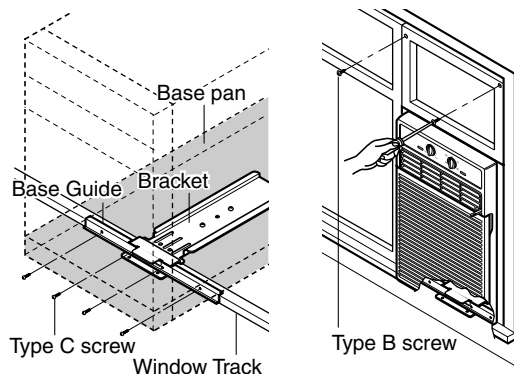


Figure 29

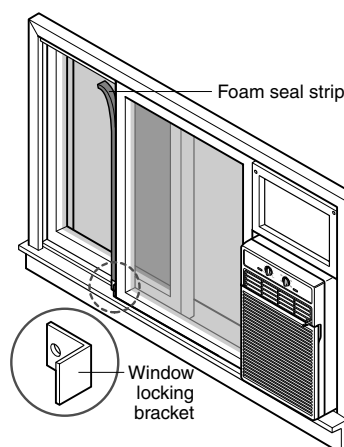
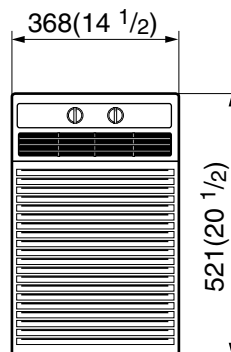
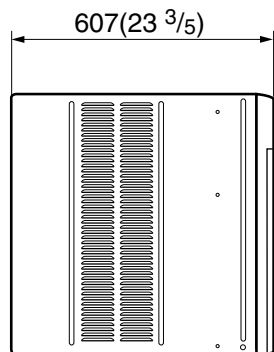


Figure 30

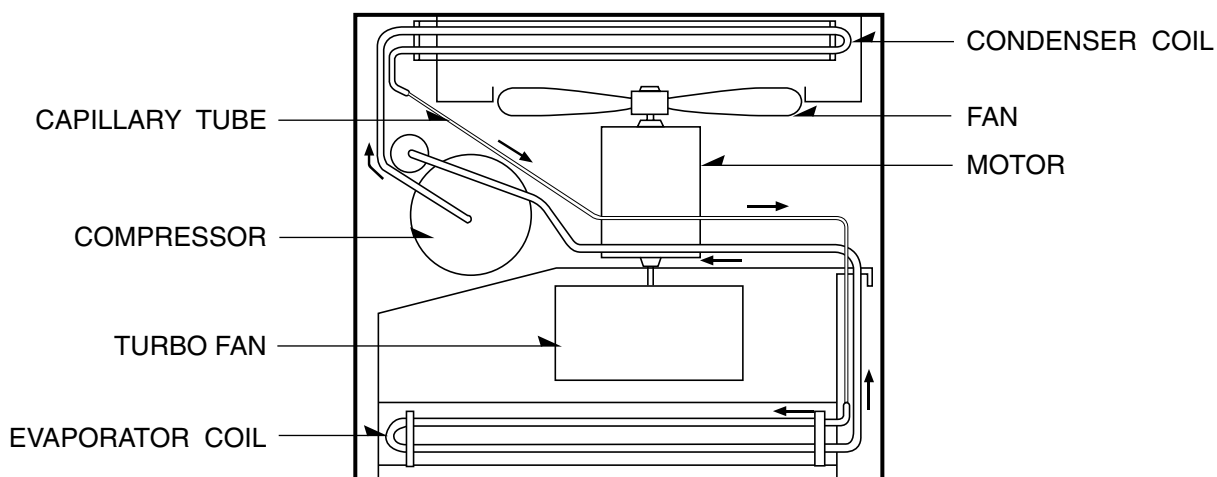
Troubleshooting Guide

OUTSIDE DIMENSIONS

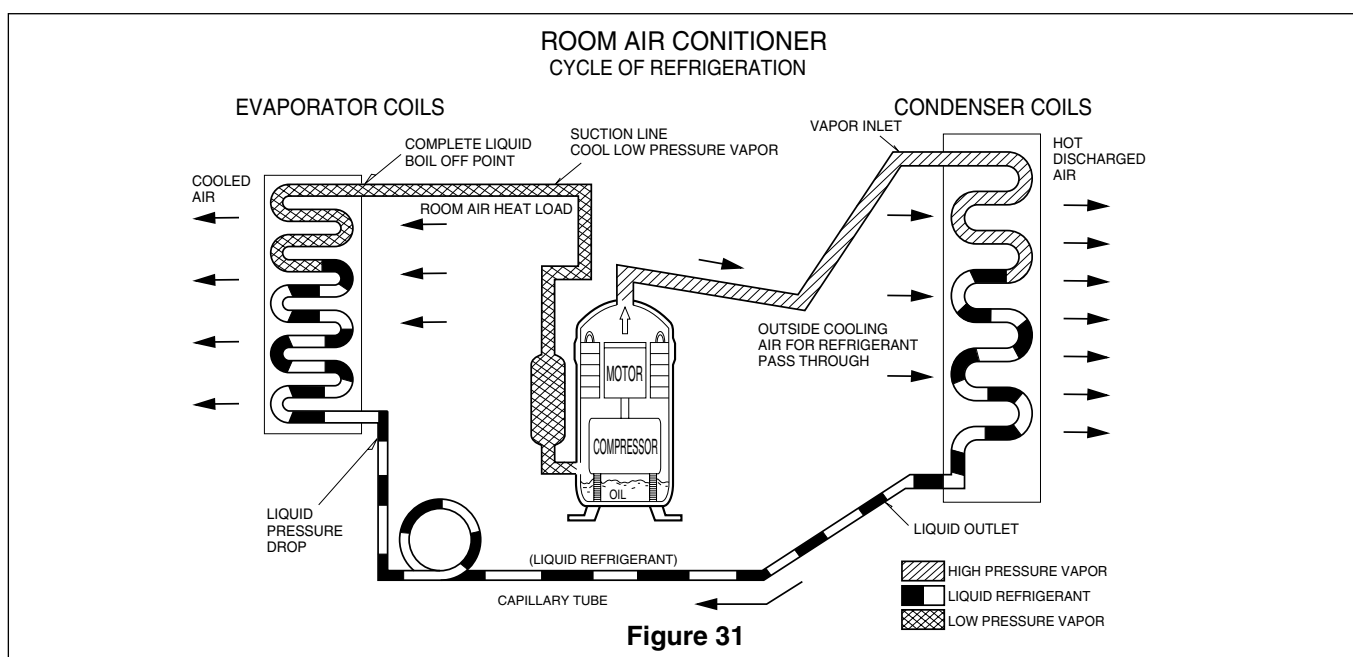


Unit: mm(inches)

PIPING SYSTEM



Following is a brief description of the important components and their functions in the refrigeration system. Refer to Fig. 31 to follow the refrigeration cycle and the flow of the refrigerant in the cooling cycle.

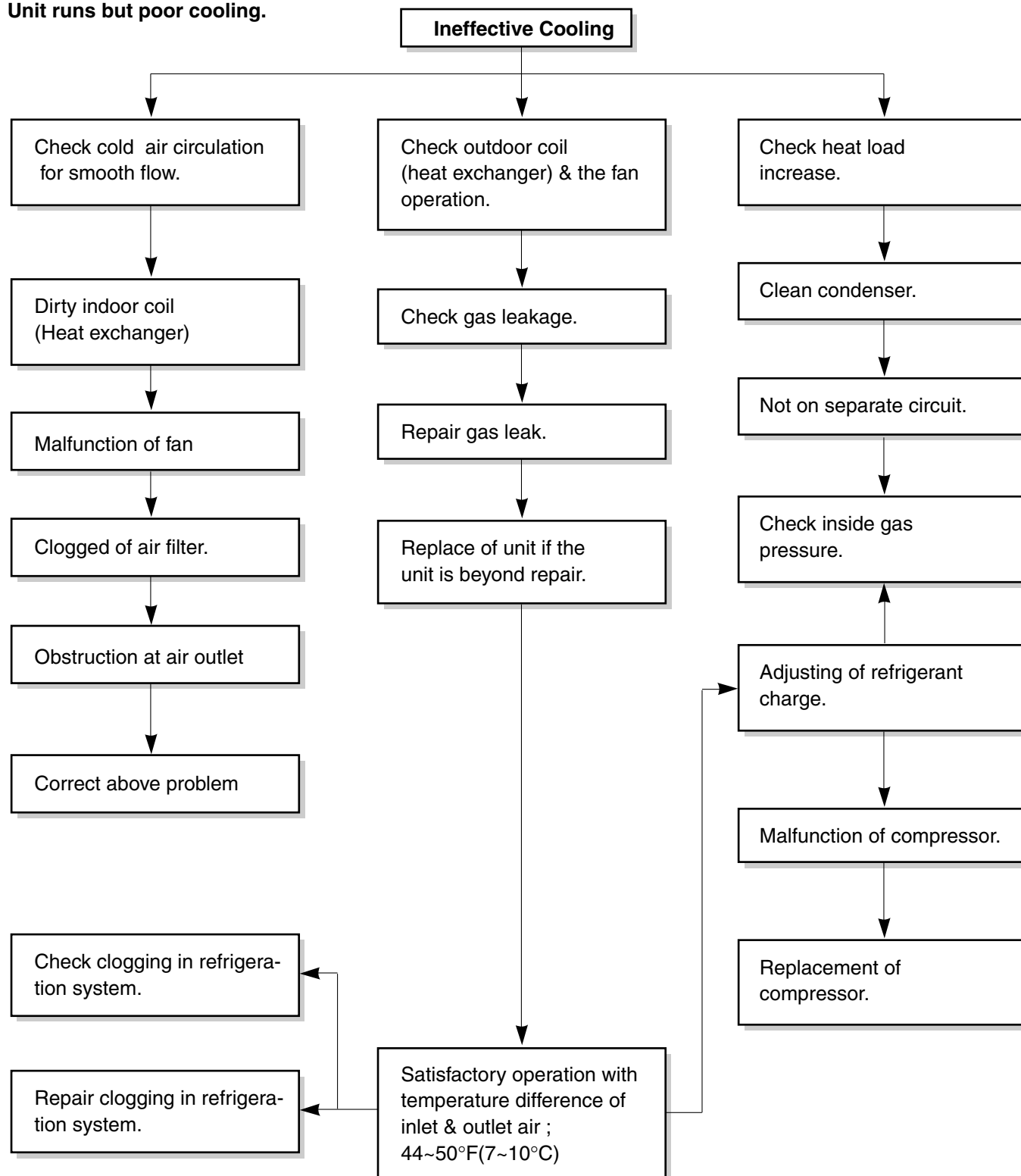


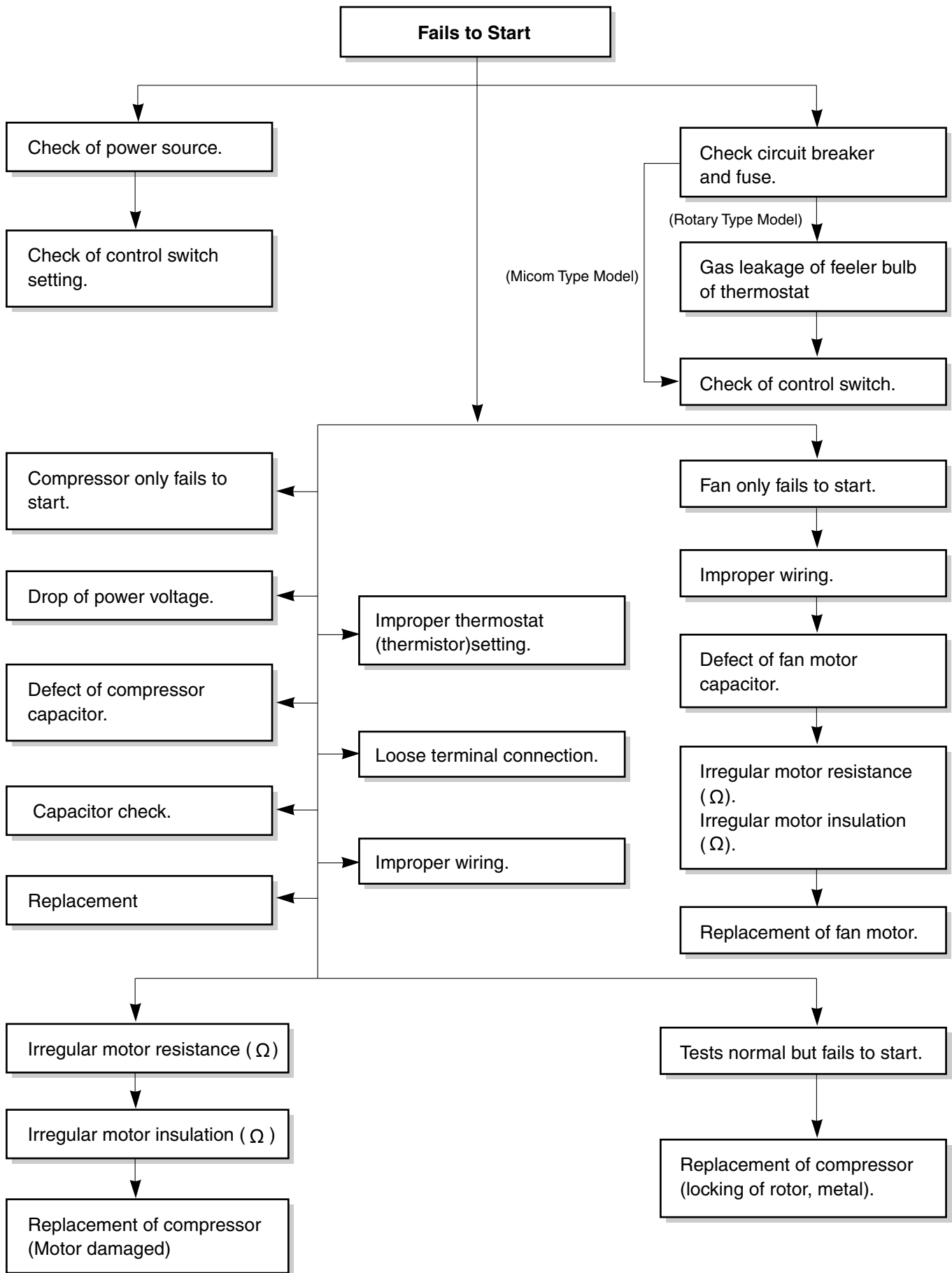
Troubleshooting Guide

In general, possible trouble is classified in two kinds.

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.

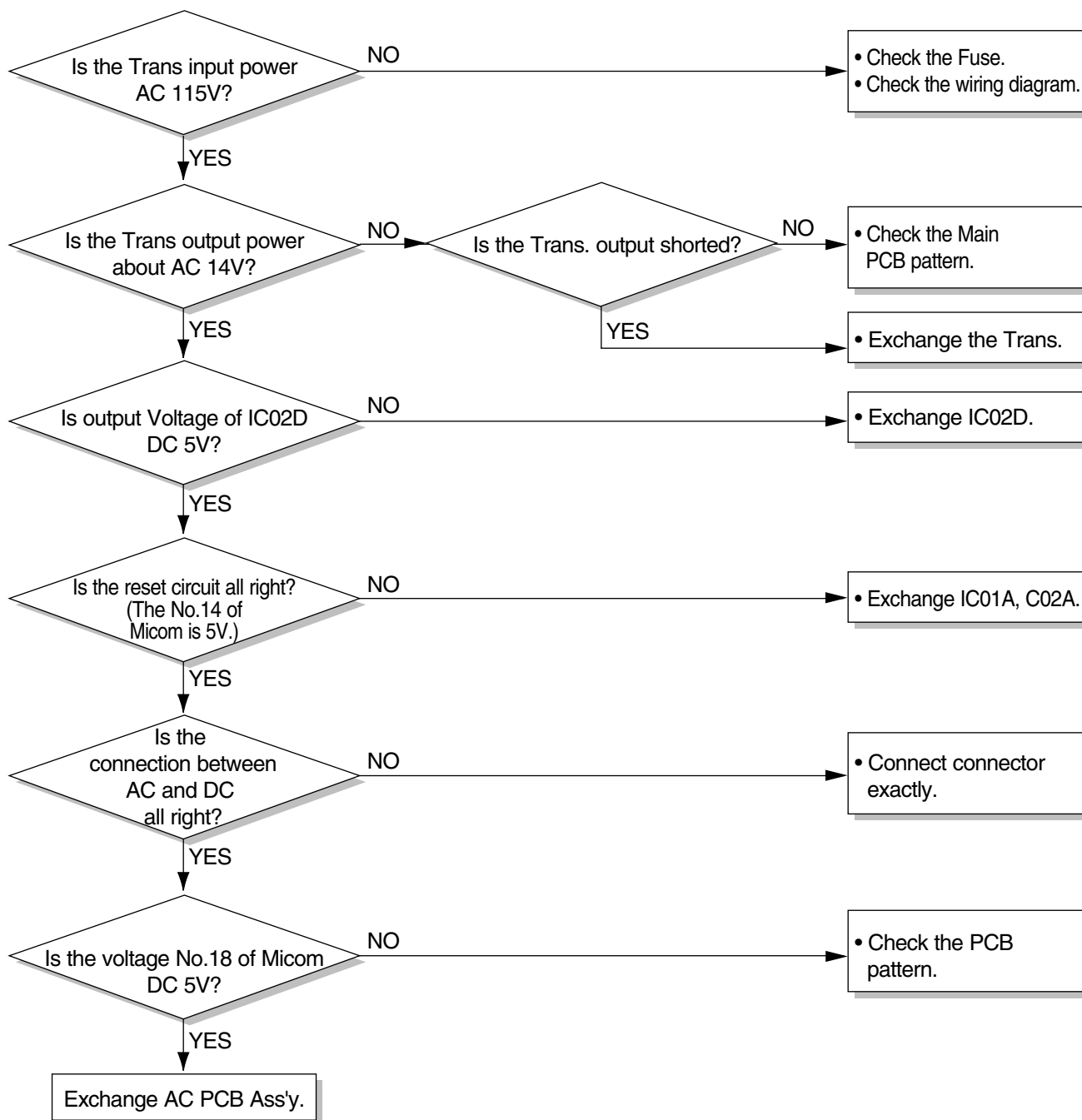




■ ELECTRICAL PARTS TROUBLESHOOTING GUIDE: LV080CE, LV100CE, LV120CE, HBLG1004C

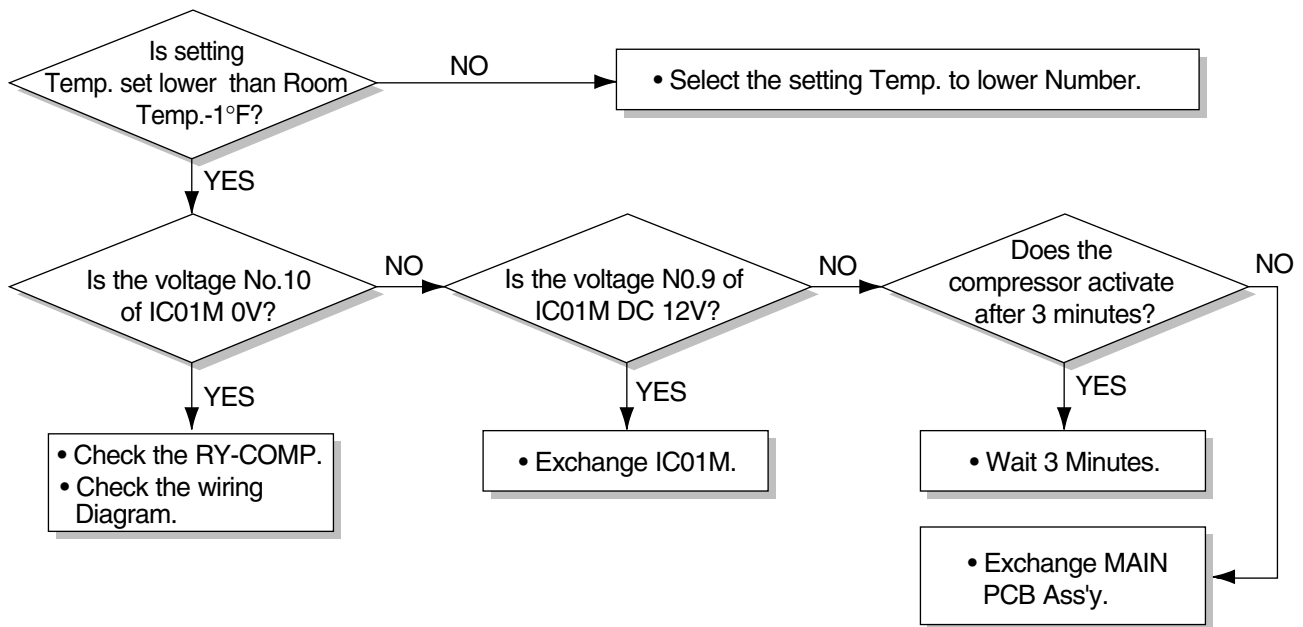
Possible Trouble 1

The unit does not operate.



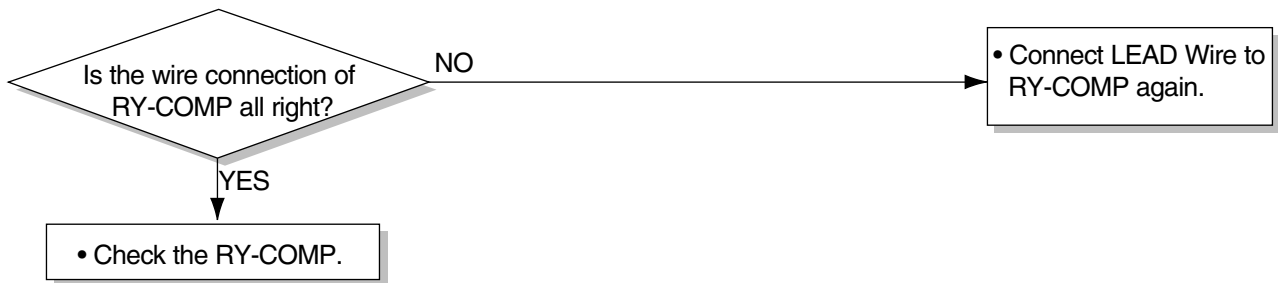
Possible Trouble 2

The compressor does not operate.



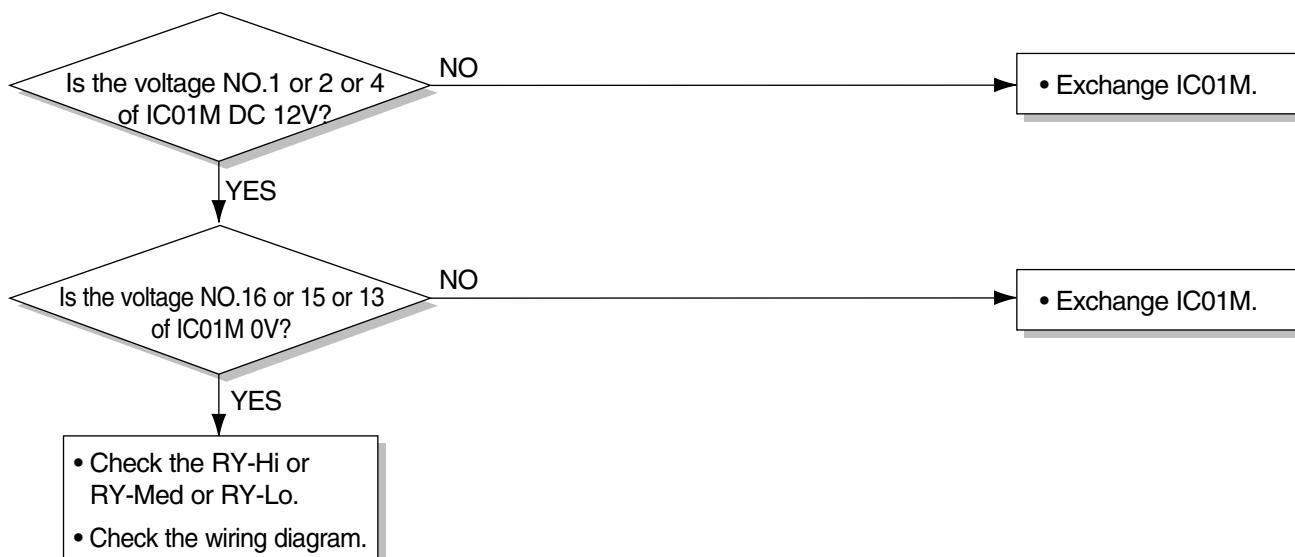
Possible Trouble 3

The compressor always operate.



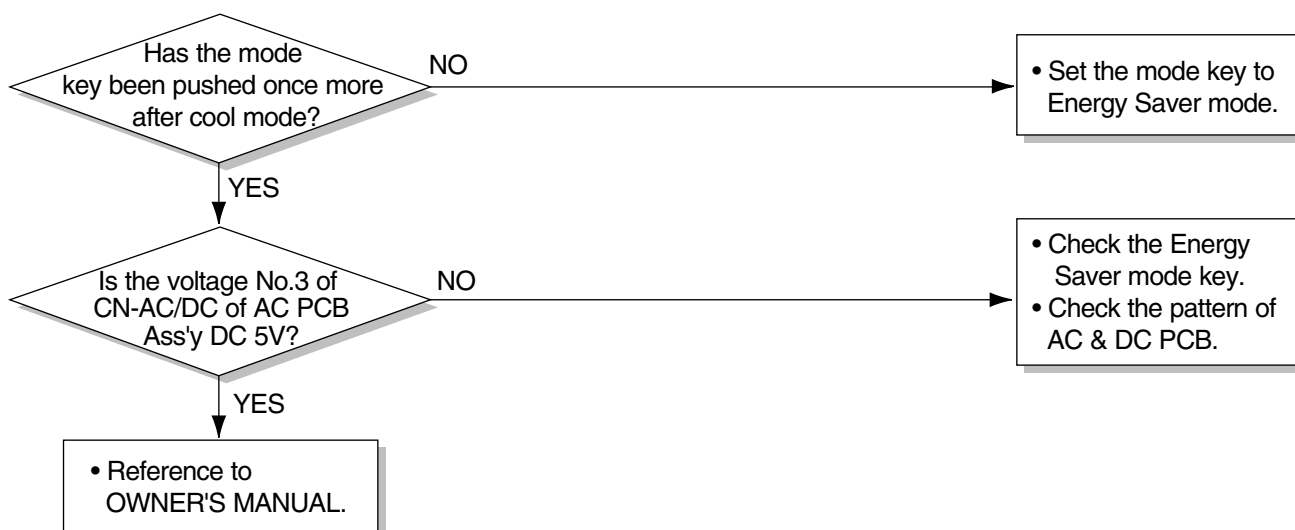
Possible Trouble 4

FAN does not operate.



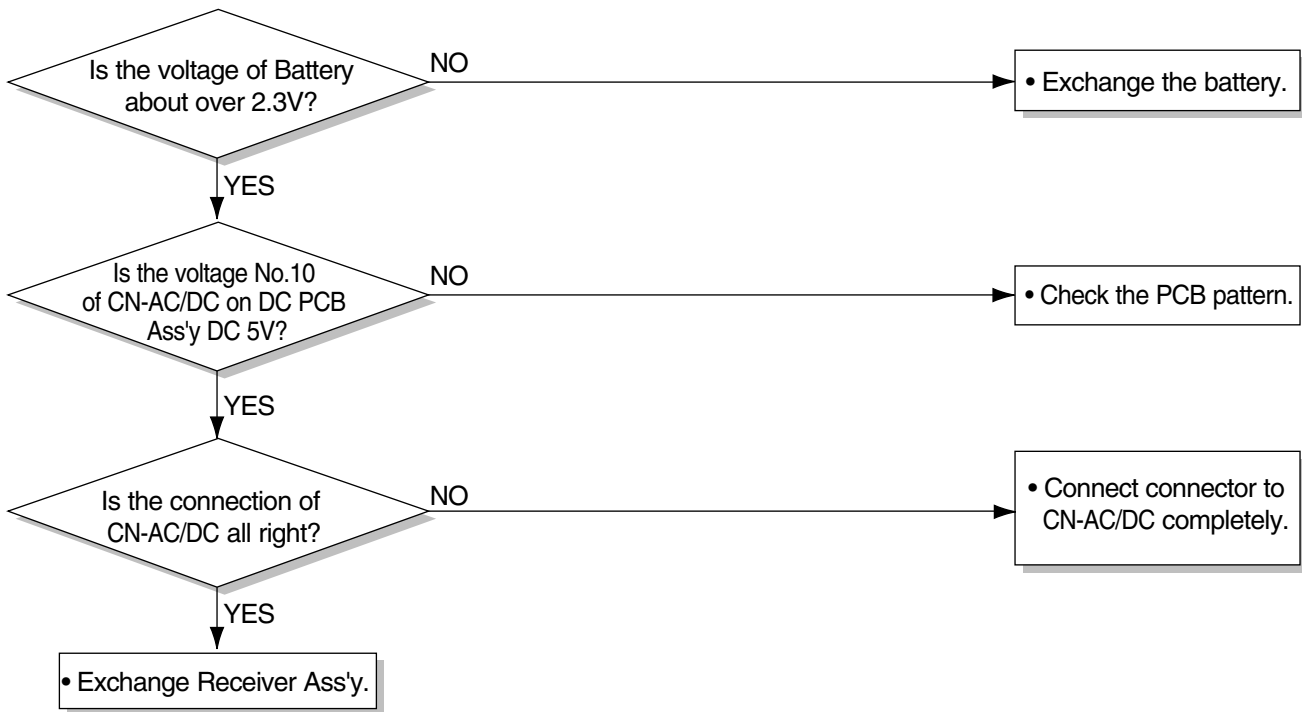
Possible Trouble 5

The function of Energy Saver does not operate.



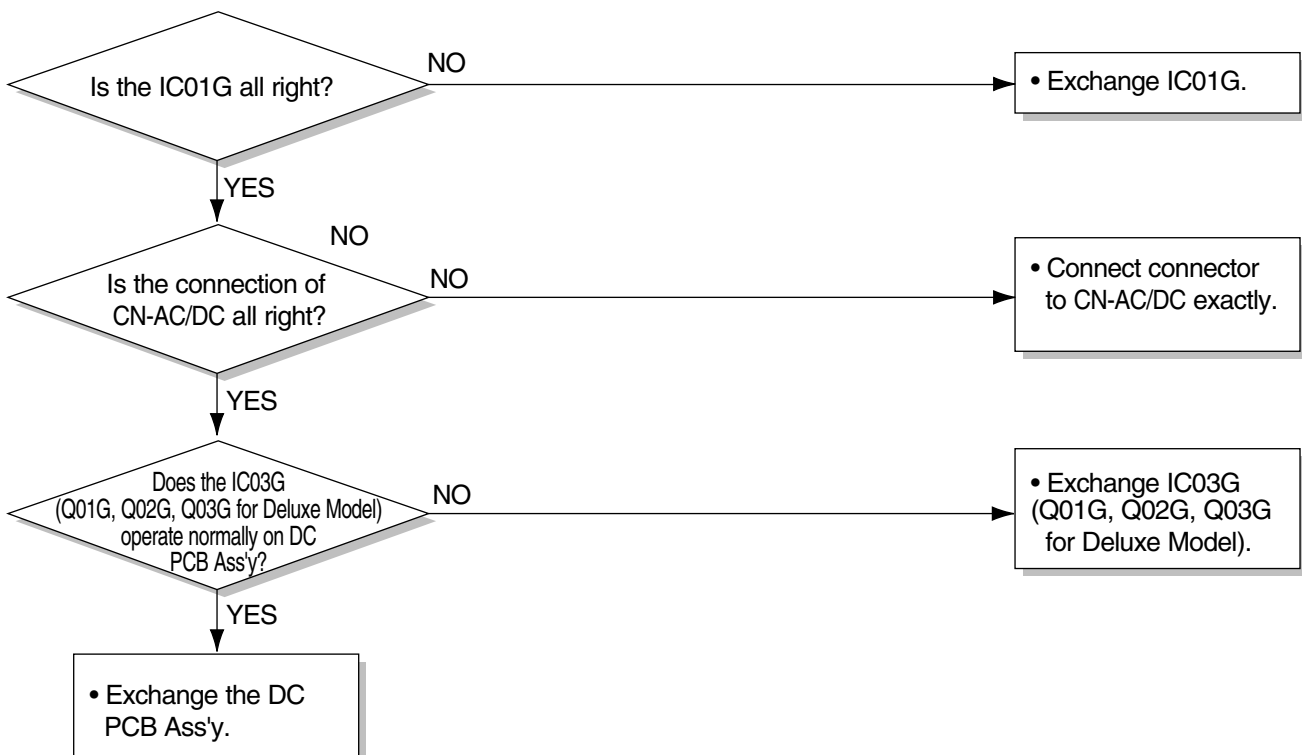
Possible Trouble 6

Remote controller does not operate.



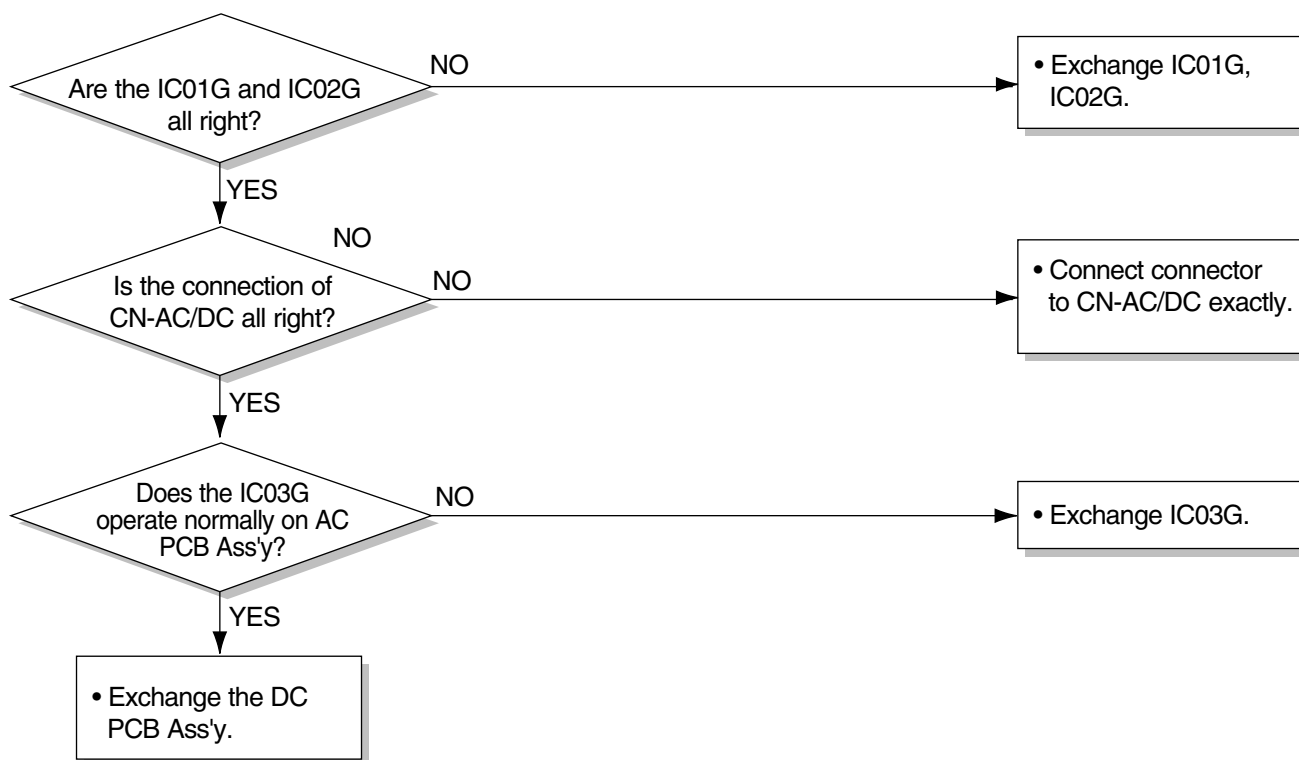
Possible Trouble 7

It displays abnormally on DC PCB Ass'y.



Possible Trouble 8

It displays abnormally on DC PCB Ass'y.



Room Air Conditioner Voltage Limits

NAME PLATE RATING	MINIMUM	MAXIMUM
115V $\pm 10\%$	103.5V	126.5V

MECHANICAL TYPE MODEL

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 $\pm 10\%$ of manufacturer's rating. Replace if shorted, open, or damaged.
	Will not rotate	Fan blade hitting shroud or blower wheel hitting scroll. Realign assembly. Units using slinger ring for condenser fan must have $\frac{1}{4}$ to $\frac{5}{16}$ inch clearance to the base. If it hits the base, 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 intermittently	Revolves on overload.	Check voltage. 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.
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 clamper	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, but fan motor runs.	Voltage	Check voltage. If not within limits, call an electrician.
	Wiring	Check the wire connections, if loose, repair or replace the terminal. If wires are off, refer to wiring diagram for identification, and replace. Check wire locations. If not per wiring diagram, correct.
	Rotary	Check for continuity, refer to the wiring diagram for terminal identification. Replace the switch if circuit is open.

COMPLAINT	CAUSE	REMEDY
Compressor will not run, but fan motor runs.	Thermostat	Check the position of knob. If not at the coldest setting, advance the knob to this setting and restart unit. Check continuity of the thermostat. Replace thermostat if circuit is open.
	Capacitor (Discharge capacitor before servicing.)	Check the capacitor. Replace if not within $\pm 10\%$ 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 it, and retest.)
Compressor cycles on overload.	Voltage	Check the voltage. If not within 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.)
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 reassembling.
	Condenser fins (damaged)	If condenser fins are closed over a large area on the coil surface, head pressures will increase, causing the compressor to overload. Straighten the fins or replace the coil.
Compressor cycles on overload.	Capacitor	Test capacitor.
	Wiring	Check the terminals. If loose, repair or replace.
	Refrigerating system	Check the system for a restriction.
Insufficient cooling or heating	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 air guide, rearrange the air handling parts.
	Copper tubing	Remove the cabinet carefully and rearrange tubing not to contact cabinet, compressor, shroud, and barrier.

ELECTRONIC TYPE MODEL

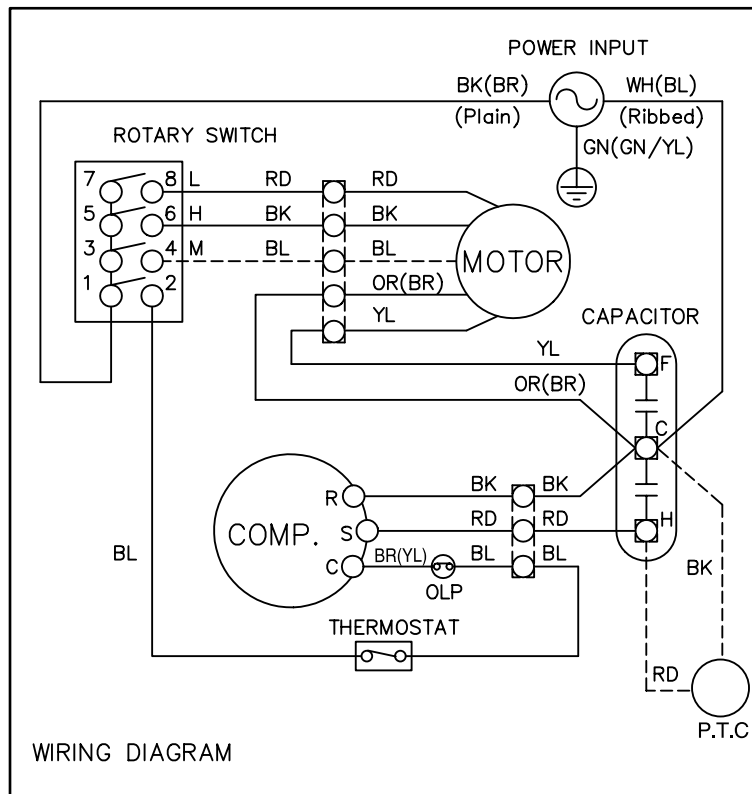
COMPLAINT	CAUSE	REMEDY
Fan motor will not run.	No power	Check voltage at outlet. Correct if voltage is missing.
	Power supply cord	Check voltage to connector of CN-PWR and 3 port of comp-relay. If none, check power supply cord. Replace cord if circuit is open.
	Wire disconnected or connection loose	Connect wire. Refer to wiring diagram for terminal identification. Repair or replace loose terminal.
	Capacitor (Discharge capacitor before testing.)	Test capacitor. Replace if not within $\pm 10\%$ of manufacturer's rating. Replace if shorted, open, or damaged.
	Will not rotate	Fan blade hitting shroud or blower wheel hitting scroll. Realign assembly. Units using slinger ring for condenser fan must have $\frac{1}{4}$ to $\frac{5}{16}$ inch clearance to the base. If it hits the base, 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 intermittently	Revolves on overload.	Check voltage. 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.
Fan motor noise.	Fan	If cracked, out of balance, or partially missing, replace it.
	Cross flow fan	If cracked, out of balance, or partially missing, replace it.
	Loose clamper	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, but fan motor runs.	Voltage	Check voltage. If not within limits, call an electrician.
	Wiring	Check the wire connections, if loose, repair or replace the terminal. If wires are off, refer to wiring diagram for identification, and replace. Check wire locations. If not per wiring diagram, correct.

COMPLAINT	CAUSE	REMEDY
Compressor will not run, but fan motor runs.	Thermistor	Check the status the setting temperature if not lower than room temperature, please decrease the setting temperature. Check continuity of the thermostat. Replace thermostat if circuit is open.
	Capacitor (Discharge capacitor before servicing.)	Check the capacitor. Replace if not within $\pm 10\%$ of manufacturers rating. Replace if shorted, open, or damaged.
	Compressor	Check for 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 it, and retest.)
Compressor cycles on overload.	Voltage	Check the voltage. If not within 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.)
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 reassembling.
	Condenser fins (damaged)	If condenser fins are closed over a large area on the coil surface, head pressures will increase, causing the compressor to overload. Straighten the fins or replace the coil.
Compressor cycles on overload.	Capacitor	Test capacitor.
	Wiring	Check the terminals. If loose, repair or replace.
	Refrigerating system	Check the system for a restriction.
Insufficient cooling or heating	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	Cross flow fan or fan	Check the set screw or clamp. If loose or missing, correct. If the blower or fan is hitting air guide, rearrange the air handling parts.
	Copper tubing	Remove the cabinet carefully and rearrange tubing not to contact cabinet, compressor, shroud, and barrier.

Schematic Diagram

Circuit Diagram

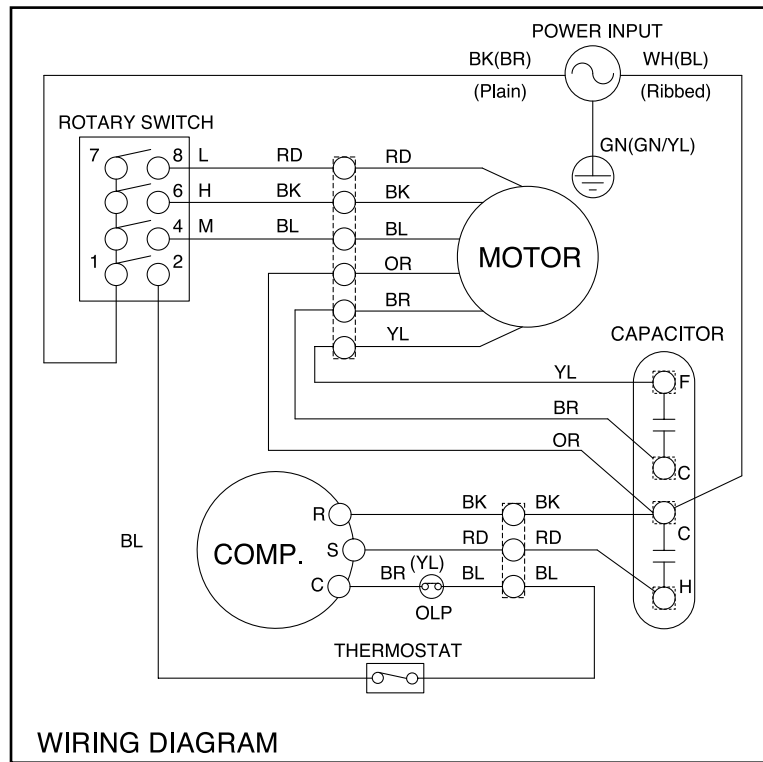
■ MODEL : LC6000, LC1000Y3, LC1200Y3, LEA0610ACL, LEA1010ACLY3, LEA1210ACL, HBLG1000CY3



S: Service Parts
N: Non Service Parts

LOCATION NO.	DESCRIPTION	PART NO.			Q'TY PER SET	RE-MARKS
		LC6000 LEA0610ACL	LC1000Y3 LEA1010ACLY3 HBLG1000CY3	LC1200Y3 LEA1210ACL		
1	POWER CORD	6411A20011L	6411A20011N	6411A20011P	1	S
2	ROTARY SWITCH	2H00598E			1	S
3	FAN MOTOR	4681A20069B	4681A20069C		1	S
4	CAPACITOR	6210AR2359V	6120AR2194P	0CZZA20001N	1	S
5	THERMOSTAT	2H01109M	2H01109Q		1	S
6	COMPRESSOR	2520UAMC2BA	2520UKAC2GA	2520UKGC2DA	1	S

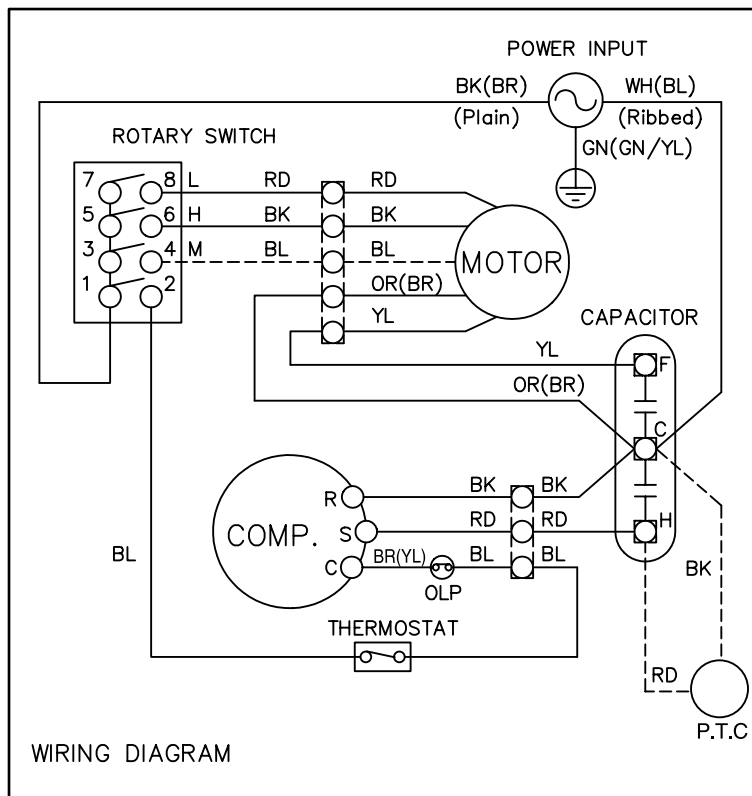
■ MODEL : LC8000, LC8000Y4, LEA0810ACL



S: Service Parts
N: Non Service Parts

LOCATION NO.	DESCRIPTION	PART NO.		Q'TY PER SET	RE-MARKS
		LC8000/LEA0810ACL	LC8000Y4		
1	POWER CORD	6411A20011L		1	S
2	ROTARY SWITCH	2H00598E		1	S
3	FAN MOTOR	4681A20069A		1	S
4	CAPACITOR	6120AR2359H	0CZZA20007L	1	S
5	THERMOSTAT	2H01109M	2H01109Q	1	S
6	COMPRESSOR	2520UAGC2AA	5416A90007D	1	S

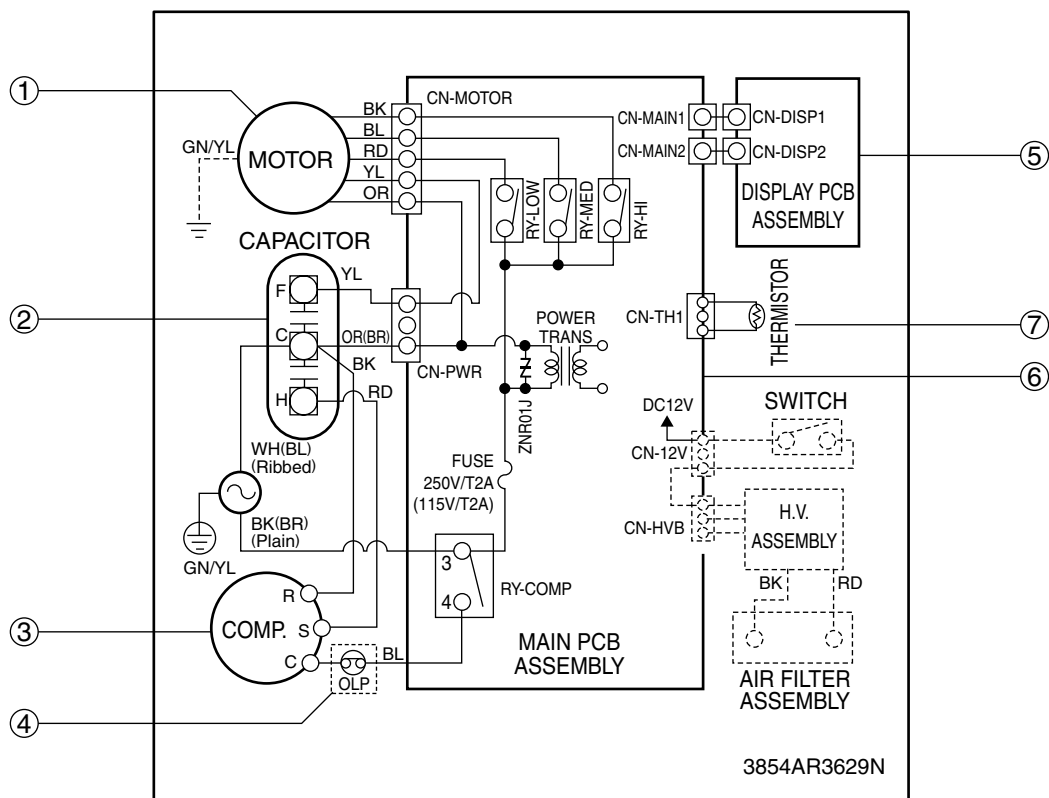
■ MODEL : LC6000Y4, LC1000Y4, LC1200Y4



S: Service Parts
N: Non Service Parts

LOCATION NO.	DESCRIPTION	PART NO.			Q'TY PER SET	RE-MARKS
		LC6000Y4	LC1000Y4	LC1200Y4		
1	POWER CORD	6411A20011L	6411A20011N	6411A20011P	1	S
2	ROTARY SWITCH	2H00598E			1	S
3	FAN MOTOR	4681A20069B	4681A20069C		1	S
4	CAPACITOR	6210AR2359V	6120AR2194P	0CZZA20001N	1	S
5	THERMOSTAT	2H01109M	2H01109Q		1	S
6	COMPRESSOR	5416A20014V	2520UCDK029	2520UKGC2DA	1	S

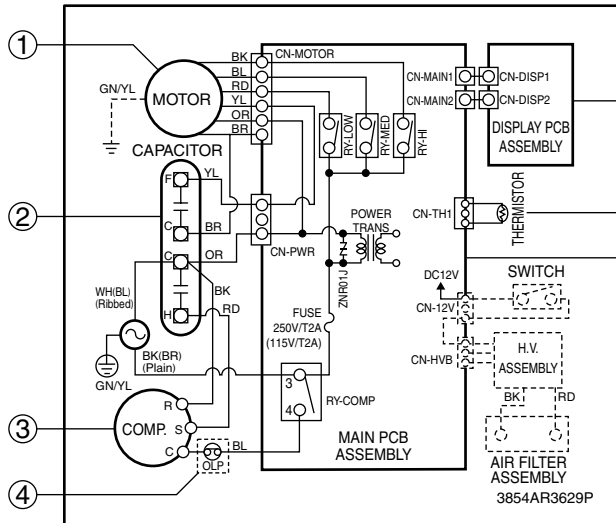
■ MODEL : LV100CE, HBLG1004C



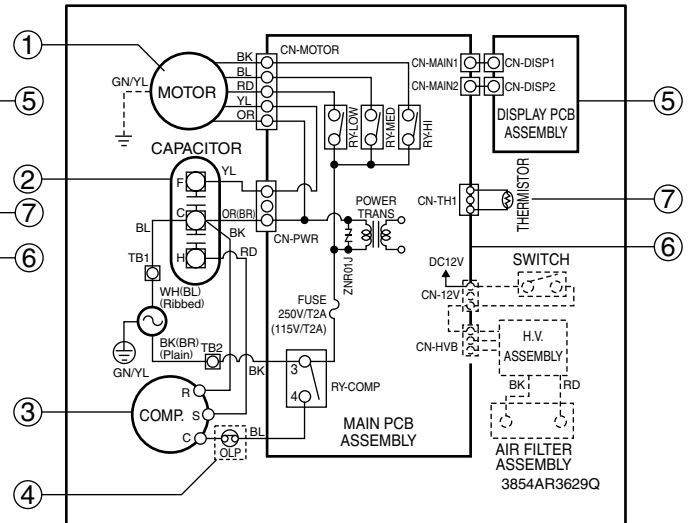
S: Service Parts
N: Non Service Parts

LOCATION NO.	DESCRIPTION	PART NO.		Q'TY PER SET	RE-MARKS
		LV100CE	HBLG1004C		
1	MOTOR ASSY	4681A20069C		1	S
2	CAPACITOR	6120AR2194P		1	S
3	COMPRESSOR	2520UCDK029		1	S
4	OVERLOAD PROTECTOR	6750U-L031A		1	S
5	DISPLAY PCB ASSEMBLY	6871A20442A		1	S
6	MAIN PCB ASSEMBLY	6871A01001D	6871A01001C	1	S
7	THERMISTOR	6323A20004S		1	S

■ MODEL : LV080CE, LV120CE



LV080CE



LV120CE

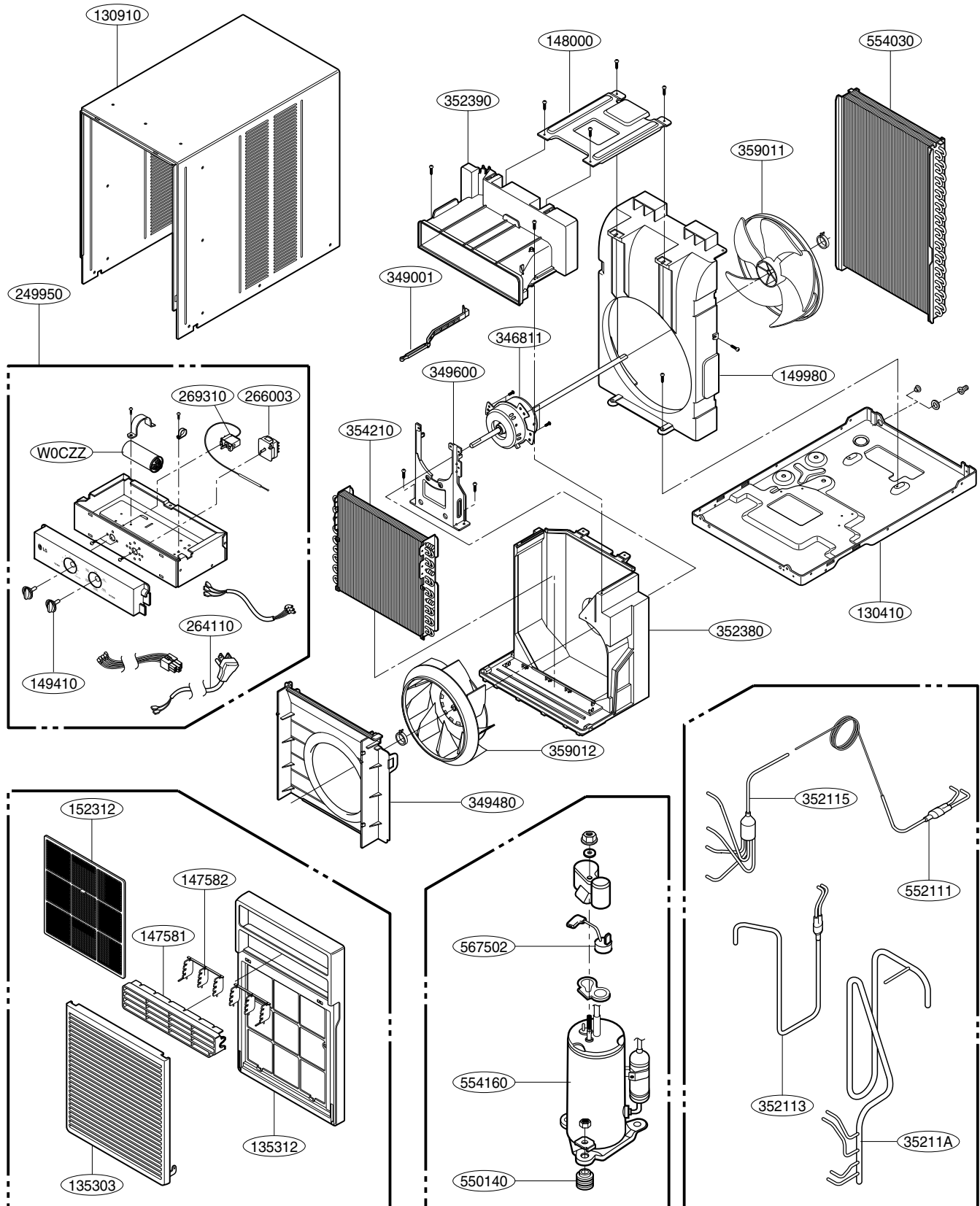
S: Service Parts
N: Non Service Parts

LOCATION NO.	DESCRIPTION	PART NO.		Q'TY PER SET	RE-MARKS
		LV080CE	LV120CE		
1	MOTOR ASSY	4681A20069A	4681A20069C	1	S
2	CAPACITOR	0CZZA20007L	0CZZA20001N	1	S
3	COMPRESSOR	5416A90007D	2520UKGC2DA	1	S
4	OVERLOAD PROTECTOR	6750A30001N	6750U-L029A	1	S
5	DISPLAY PCB ASSEMBLY	6871A20442A		1	S
6	MAIN PCB ASSEMBLY	6871A01001D		1	S
7	THERMISTOR	6323A20004S		1	S

[illegible]

Exploded View & Replacement Parts List

MECHANICAL TYPE MODEL



■ MODEL: LC600, LC8000, LC1000Y3, LC1200Y3, LEA0610ACL, LEA0810ACL, LEA1010ACLY3, LEA1210ACL

LOCATION No.	DESCRIPTION	P/No				REMARK
		LC6000 LEA0610ACL	LC8000 LEA0810ACL	LC1000Y3 LEA1010ACLY3	LC1200Y3 LEA1210ACL	
130410	BASE ASSY, SINGLE	3041A20033J		3041A20033N		R
130910	CABINET ASSY, SINGLE	3091A20014A				R
135303	GRILLE INLET	3530A20056A				R
135312	GRILLE ASSY, FRONT	3531A20123A				R
147581	VANE, HORIZONTAL	4758A20032A				R
147582	VANE, VERTICAL	4758A20017A / 4758A20017B				R
148000	BRACE	4800A20001A				R
149410	KNOB ASSY	4941A30017A				R
149980	SHROUD ASSY	4999A20002A				R
152312	FILTER ASSY	5231A20012A				R
249950	CONTROL BOX ASSY	4995A20227C	4995A20227A	4995A20227K	4995A20227N	R
264110	POWER CORD ASSY	6411A20011L		6411A20011N	6411A20011P	R
266003	SWITCH, ROTARY	2H00598E				R
269310	THERMOSTAT ASSEM	2H01109M		2H01109Q		R
346811	MOTOR ASSY, SINGLE	4681A20069B	4681A20069A	4681A20069C		R
349001	DAMPER	4900A20006A				R
349480	ORIFICE	4948A20012A				R
349600	MOUNT, MOTOR	4960A20034A				R
352113	TUBE ASSY, DISCHARGE SINGLE	5211A20558B	5211A20558A	5211A20558C		R
352115	TUBE ASSEMBLY, EVAPORATOR	5211A20559A	5211A20559A	5211A20575B	5211A20575C	R
35211A	TUBE ASSY, SUCTION	5211A20555B	5211A20555A	5211A20579B	5211A20579C	R
352380	AIR GUIDE-LOWER ASSY	5239A20008A				R
352390	AIR GUIDE ASSY-UPPER	5239A20007A				R
354210	EVAPORATOR ASSY	5421A20115C	5421A20115B	5421A20115A	5421A20115D	R
359011	FAN ASSY AXIAL	5900A20026A				R
359012	FAN ASSY, TURBO	5900A20019A				R
550140	ISOLATOR, COMP	5040AR4195A		4830AR4335A		R
552111	TUBE ASSY, CAPILLARY	5211A20557B	5211A20557A	5211A20557H	5211A20557J	R
554030	CONDENSER ASSY	5403A20082C	5403A20082B	5403A20082B		R
554160	COMPRESSOR	2520UAMC2BA	2520UAGC2AA	2520UKAC2GA	2520UKGC2DA	R
567502	O.L.P	6750U-L060A	6750U-L048A	6750U-L031A	6750U-L029A	R
W0CZZ	CAPACITOR, DRAWING	6120AR2359V	6120AR2359H	6120AR2194P	0CZZA20001N	R

■ MODEL: LC6000Y4, LC8000Y4, LC1000Y4, LC1200Y4

LOCATION No.	DESCRIPTION	P/No				REMARK
		LC6000Y4	LC8000Y4	LC1000Y4	LC1200Y4	
130410	BASE ASSY, SINGLE	3041A20033J		3041A20033N		R
130910	CABINET ASSY, SINGLE	3091A20014A				R
135303	GRILLE INLET	3530A20056A				R
135312	GRILLE ASSY, FRONT	3531A20123A				R
147581	VANE, HORIZONTAL	4758A20032A				R
147582	VANE, VERTICAL	4758A20017A / 4758A20017B				R
148000	BRACE	4800A20001A				R
149410	KNOB ASSY	4941A30017A				R
149980	SHROUD ASSY	4999A20002A				R
152312	FILTER ASSY	5231A20012A				R
249950	CONTROL BOX ASSY	4995A20227C	4995A20227A	4995A20227K	4995A20227N	R
264110	POWER CORD ASSY	6411A20011L		6411A20011N	6411A20011P	R
266003	SWITCH, ROTARY	2H00598E				R
269310	THERMOSTAT ASSEM	2H01109M	2H01109Q			R
346811	MOTOR ASSY, SINGLE	4681A20069B	4681A20069A	4681A20069C		R
349001	DAMPER	4900A20006A				R
349480	ORIFICE	4948A20012A				R
349600	MOUNT, MOTOR	4960A20034A				R
352113	TUBE ASSY, DISCHARGE SINGLE	5211A20558B	5211A20558E	5211A20558C	5211A20558F	R
352115	TUBE ASSEMBLY, EVAPORATOR	5211A20559A	5211A20559A	5211A20575B	5211A20575C	R
35211A	TUBE ASSY, SUCTION	5211A20555C	5211A20555D	5211A20579B	5211A20579C	R
352380	AIR GUIDE-LOWER ASSY	5239A20008A				R
352390	AIR GUIDE ASSY-UPPER	5239A20007A				R
354210	EVAPORATOR ASSY	5421A20115C	5421A20115B	5421A20115A	5421A20115D	R
359011	FAN ASSY AXIAL	5900A20026A				R
359012	FAN ASSY, TURBO	5900A20019A				R
550140	ISOLATOR, COMP	5040AR4195A		4830AR4335A		R
552111	TUBE ASSY, CAPILLARY	5211A20557B	5211A20557A	5211A20557H	5211A20557J	R
554030	CONDENSER ASSY	5403A20082C	5403A20082B	5403A20082B		R
554160	COMPRESSOR	5416A20014V	5416A90007D	2520UCDK029	2520UKGC2DA	R
567502	O.L.P	6750A90012A	6750A30001H	6750U-L031A	6750U-L029A	R
W0CZZ	CAPACITOR, DRAWING	6120AR2359V	0CZZA20007L	6120AR2194P	0CZZA20001N	R

■ MODEL : HBLG1000CY3

LOCATION No.	DESCRIPTION	P/No	REMARK
		HBLG1000CY3	
130410	BASE ASSY, SINGLE	3041A20033N	R
130910	CABINET ASSY, SINGLE	3091A20014A	R
135303	GRILLE INLET	3530A20056A	R
135312	GRILLE ASSY, FRONT	3531A20123A	R
147581	VANE, HORIZONTAL	4758A20032A	R
147582	VANE, VERTICAL	4758A20017A / 4758A20017B	R
148000	BRACE	4800A20001A	R
149410	KNOB ASSY	4941A30017A	R
149980	SHROUD ASSY	4999A20002A	R
152312	FILTER ASSY	5231A20012A	R
249950	CONTROL BOX ASSY	4995A20227L	R
264110	POWER CORD ASSY	6411A20011N	R
266003	SWITCH, ROTARY	2H00598E	R
269310	THERMOSTAT ASSEM	2H01109Q	R
346811	MOTOR ASSY, SINGLE	4681A20069C	R
349001	DAMPER	4900A20006A	R
349480	ORIFICE	4948A20012A	R
349600	MOUNT, MOTOR	4960A20034A	R
352113	TUBE ASSY, DISCHARGE SINGLE	5211A20558C	R
352115	TUBE ASSEMBLY, EVAPORATOR	5211A20575B	R
35211A	TUBE ASSY, SUCTION	5211A20579B	R
352380	AIR GUIDE-LOWER ASSY	5239A20008A	R
352390	AIR GUIDE ASSY-UPPER	5239A20007A	R
354210	EVAPORATOR ASSY	5421A20115A	R
359011	FAN ASSY AXIAL	5900A20026A	R
359012	FAN ASSY, TURBO	5900A20019A	R
550140	ISOLATOR, COMP	4830AR4335A	R
552111	TUBE ASSY, CAPILLARY	5211A20557H	R
554030	CONDENSER ASSY	5403A20082B	R
554160	COMPRESSOR	2520UKAC2GA	R
567502	O.L.P	6750U-L031A	R
W0CZZ	CAPACITOR, DRAWING	6120AR2194P	R

■ MODEL : LV080CE, LV100CE, LV120CE, HBLG1004C

LOCATION No.	DESCRIPTION	P/No			REMARK
		LV080CE	LV100CE	LV120CE	
130410	BASE ASSEMBLY,SINGLE	3041A20033J	3041A20033N	3041A20033N	
130910	CABINET ASSEMBLY,SINGLE	3091A20014A	3091A20014A	3091A20014A	
135303	GRILLE,INLET	3530A20056A	3530A20056A	3530A20056A	
135312	GRILLE ASSEMBLY,FRONT(SINGLE)	3531A20123A	3531A20123A	3531A20123A	
147581	LOUVER,HORIZONTAL	4758A20032A	4758A20032A	4758A20032A	
147582-1	LOUVER,VERTICAL	4758A20017A	4758A20017A	4758A20017A	
147582-2	LOUVER,VERTICAL	4758A20017B	4758A20017B	4758A20017B	
148000	BRACE	4800A20001A	4800A20001A	4800A20001A	
149980	SHROUD ASSEMBLY	4999A20002A	4999A20002A	4999A20002A	
152312	FILTER ASSEMBLY,AIR CLEANER	5231A20012A	5231A20012A	5231A20012A	
237200	PANEL,CONTROL	3720A20259A	3720A20259A	3720A20259A	
238310	ESCUTCHEON	3831A20087A	3831A20087A	3831A20087A	
249950	CONTROL BOX ASSEMBLY,SINGLE	4995A20370J	4995A20370H	4995A20370G	
263230	THERMISTOR ASSEMBLY	6323A20004W	6323A20004S	6323A20004S	
264110	POWER CORD ASSEMBLY	6411A20011M	6411A20011N	6411A20011P	
267110	REMOTE CONTROLLER ASSEMBLY	6711A20093A	6711A20093A	6711A20093A	
268712	PWB(PCB) ASSEMBLY,DISPLAY	6871A20442A	6871A20442A	6871A20442A	
268714	PWB(PCB) ASSEMBLY,MAIN	6871A01001C	6871A01001C	6871A01001C	
346811	MOTOR ASSEMBLY,SINGLE	4681A20069A	4681A20069C	4681A20069C	
349001	DAMPER,VENTILATION	4900A20006A	4900A20006A	4900A20006A	
349480	ORIFICE	4948A20012A	4948A20012A	4948A20012A	
349600	MOUNT,MOTOR	4960A20034A	4960A20034A	4960A20034A	
352113	TUBE ASSEMBLY,DISCHARGE SINGLE	5211A20558E	5211A20558C	5211A20558F	
352115	TUBE ASSEMBLY,EVAPORATOR IN	5211A20559A	5211A20575B	5211A20575C	
35211A	TUBE ASSEMBLY,SUCTION SINGLE	5211A20555D	5211A20579B	5211A20579C	
352390-1	AIR GUIDE ASSEMBLY	5239A20007A	5239A20008A	5239A20008A	
352390-2	AIR GUIDE ASSEMBLY	5239A20008A	5239A20007A	5239A20007A	
354210	EVAPORATOR ASSEMBLY,FIRST	5421A20115B	5421A20115A	5421A20115D	
359012	FAN,TURBO	5900A20019A	5900A20019A	5900A20019A	
135500	COVER	3550A30048A	3550A30048A	3550U-L004A	
550140	ISOLATOR,COMP	5040AR4195A	4830AR4335A	4830AR4335A	
552111	TUBE ASSEMBLY,CAPILLARY	5211A20557A	5211A20557H	5211A20557J	
554030	CONDENSER ASSEMBLY,FIRST	5403A20082B	5403A20082B	5403A20082B	
554160	COMPRESSOR	5416A90007A	2520UCDK029	2520UKGC2DA	
559011	FAN,AXIAL	5900A20026A	5900A20026A	5900A20026A	
567502	O.L.P	6750A30001N	6750U-L031A	6750U-L029A	
W0CZZ	CAPACITOR,DRAWING	0CZZA20007L	6120AR2194P	0CZZA20001N	
W48602	CLAMP,SPRING	3H02932B	3H02932B	3H02932B	



February, 2004
Printed in Korea