

SAMSUNG

REFRIGERATOR

BOTTOM MOUNT FREEZER

BASIC : RF265AA, RF266AA

MODEL NAME : RF265AARS

RF265AABP

RF265AAWP

RF265AASH

MODEL CODE : RF265AARS/XAA

RF265AABP/XAA

RF265AAWP/XAA

RF265AASH/XAA

RF266AARS

RF266AABP

RF266AAWP

RF266AASH

RF266AARS/XAA

RF266AABP/XAA

RF266AAWP/XAA

RF266AASH/XAA

RF26NBRS1

RF26NBBP1

RF26NBSH1

RF26NBRS1/SML

RF26NBBP1/SML

RF26NBSH1/SML

RF26NBRS1/XSA

SERVICE *Manual*

REFRIGERATOR



RF265/266/26NB

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For the latest parts information, Please access to our service web site

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WARNING

IMPORTANT SAFETY NOTICE

The service guide is for service men with adequate backgrounds of electrical, electronic, and mechanical experience. Any attempt to repair a major appliance may result in personal injury and property damage. The manufacturer or dealer cannot be responsible for the interpretation of this information.

SAMSUNG ELECTRONICS AMERICA, INC.

Technical Service Guide

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RF265/266/26NB

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1. PRECAUTIONS(SAFETY WARNINGS)

- Pull the power plug out before for the change or repair of electric parts.
→ Be careful the electric shock.
- When exchanging the parts, use the correct parts.
→ Check the model name, rating voltage, rating current, running temperature symbols.
- When troubleshooting, connect firmly the types of harness.
→ Make not to be separated when some power is imposed.
- Check the traces of water infiltration at the electric parts.
→ If there is a trace of water infiltration, exchange or tape the parts.
- Check the assemble status of parts after troubleshooting.
→ It should be done indiscriminately as before the repair.
- Check the use circumstance of refrigerator.
→ If the refrigerator is installed at the place that is damp or wet, or status of installation is unstable, change the installation place.
- Do earth in case of need.
→ Particularly, Be sure to earth when there is a risk of an electric leakage by humidity or wetness.
- Do not use multi plugs in a plug socket at the same time.
Check if the power cord and socket is damaged, pressed, squeezed, or fired.
→ If the plug or plug socket is damaged, repair or exchange that immediately.
- Do not repair the refrigerator by user himself.
- Do not store other materials except the foods.
→ Drugs or scientific materials : difficult to keep precise temperature.
→ The inflammables(alcohol, benzene, ether, LP gas, butane gas etc.): have risk of explosion.

PRECAUTIONS(SAFETY WARNINGS)

Read all instructions before repairing the product and follow the instructions in order to prevent danger or property damage.

CAUTION/WARNING SYMBOLS DISPLAYED

	Warning Indicates that a danger of death or serious injury exists.
	Caution Indicates that a risk of personal injury or material damage exists.

SYMBOLS

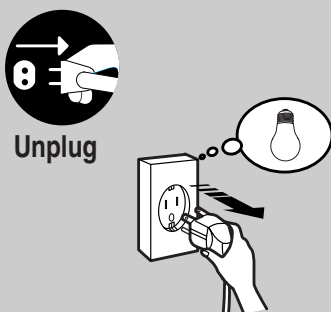
	means "Prohibition".
	means "Do not disassemble".
	means "No contact".
	means "The things to be followed".
	means "Power cord should be unplugged from the consent"
	means "Earth to prevent Electric shock".



Warning & Caution

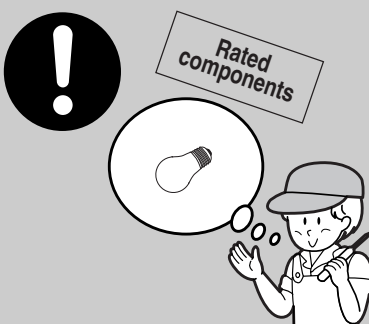
Pull the power plug out to exchange the interior lamp of the refrigerator.

- It may cause electric shock.



Use the rated components on the replacement.

- Check the correct model, rated voltage, rated current, operating temperature and so on.



On repair, make sure that the wires such as harness are bundled tightly.

- Bundle tightly wires in order not to be detached by the external force and then not to be wetted.



On repair, remove completely dust or other things of housing parts, harness parts, and check parts.

- Cleaning may prevent the possible fire by tracking or short.



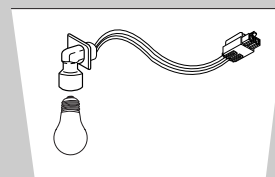
After repair, check the assembled state of components.

- It must be in the same assembled state when compared with the state before disassembly.



Check if there is any trace indicating the permeation of water.

- If there is that kind of trace, change the related components or do the necessary treatment such as taping using the insulating tape.



PRECAUTIONS(SAFETY WARNINGS)

* Please let users know following warnings & cautions in detail.



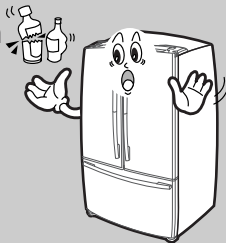
Warning & Caution

Do not allow users to put bottles or kinds of glass in the freezer.

●Freezing of the contents may inflict a wound.



Prohibition



Do not allow users to store narrow and lengthy bottles or foods in a small multi-purpose room.

●It may hurt you when refrigerator door is opened and closed resulting in falling stuff down.



Prohibition



Do not allow users to store pharmaceutical products, scientific materials, etc., in the refrigerator.

●The products which temperature control should not be stored in the refrigerator.



Prohibition

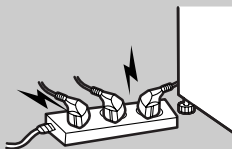


Do not allow users to insert the power plugs for many products at the same time.

●May cause abnormal generation of heat or fire.



Prohibition

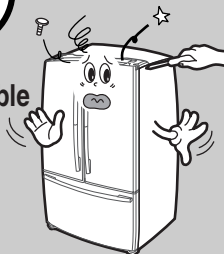


Do not allow users to disassemble, repair or alter.

●It may cause fire or abnormal operation which leads to injury.

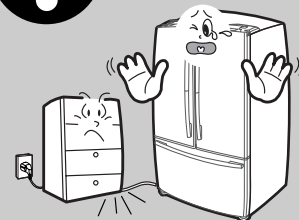


Do not disassemble



Do not allow users to bend the power cord with excessive force or do not have the power cord pressed by heavy article.

●May cause fire.

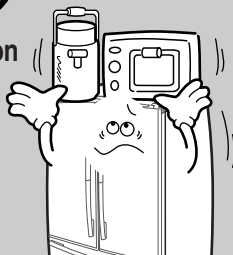


Do not allow users to store articles on the product.

●Opening or closing the door may cause things to fall down, with may inflict a wound.

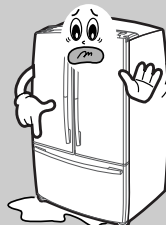


Prohibition



Do not allow users to install the refrigerator in the wet place or the place where water splashes.

●Deterioration of insulation of electric parts may cause electric shock or fire.

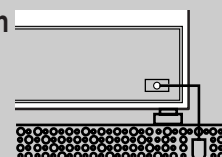


Make sure of the earth.

●If earthing is not done, it will cause breakdown and electric shock.



Earth



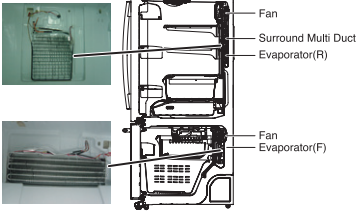
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2. PRODUCT SPECIFICATIONS

2-1) Introduction of main function

- A newly Developed SAMSUNG bottom mount freezer in 2008 has the following characteristics.

	Surround Multi Flow ● Uniform cooling for each shelf and even in corner in fresh food compartment by centerpositioned fan and duct with multiple flow effluences
	Twin Cooling System ● The refrigerator and the freezer have two evaporators. Given this independent system, the freezer and the refrigerator are cooled individually as required and are, therefore, more efficient. Food odor from the refrigerator does not affect food in the freezer due to separate air flow circulation.
	Electronic control from outside of Pantry Cover ● Adjustable temperature control (around 34°F (1°C) Chilled / around 38°F (3°C) : Fresh) Temperature control from outside of the Pantry : user friendly design helps keep foods fresh for longer
	16" Pizza Corner ● Special Guard ● Open Flip : Store Large Pizza
	One Touch Water Dispenser (Internal) ● One Hand Water Dispenser
	Secure Auto Close Door System ● Secure Auto Close Door System ● Cool tight doors ● Energy saving ● Preventing sweat on fridge doors

PRODUCT SPECIFICATIONS

2-2) Specifications

ELECTRICAL SPECIFICATIONS

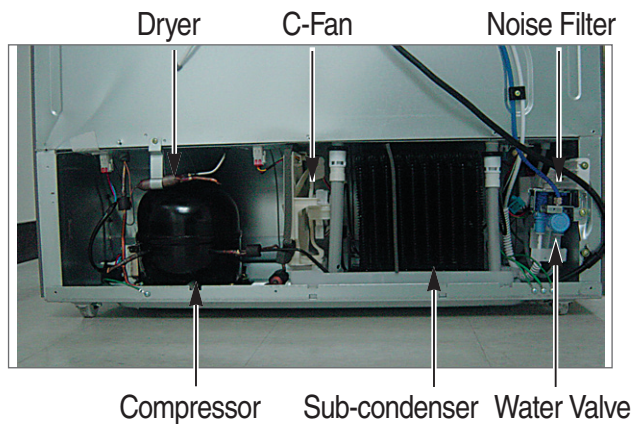
Defrost Control	From 24 to 32 hrs
Thermo Bimetal Protector	140°F(60°C)(off) 104°F(40°C)(on)
Defrost Thermistor(502AT)	50°F(10°C)(off)
Electrical Rating	AC115V 60Hz 11.6 Amps/220V~240V 50Hz
Maximum Current Leakage	0.25 mA
Maximum Ground Path Resistance	0.1 Ohm
Energy Consumption	KWh/mo.

NO LOAD PERFORMANCE

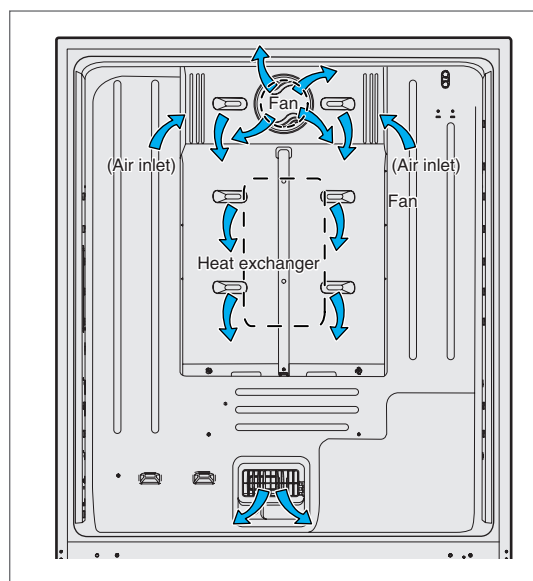
Ambient Temperature	70°F(21°C)	90°F(32°C)
Refrigerator, °F	34°F(1°C)~46°F(8°C)	34°F(1°C)~46°F(8°C)
Freezer, °F	-14°F(-26°C)~8°F(-13°C)	-14°F(-26°C)~8°F(-13°C)
Run Time, %	<40	<60

REFRIGERATION SYSTEM

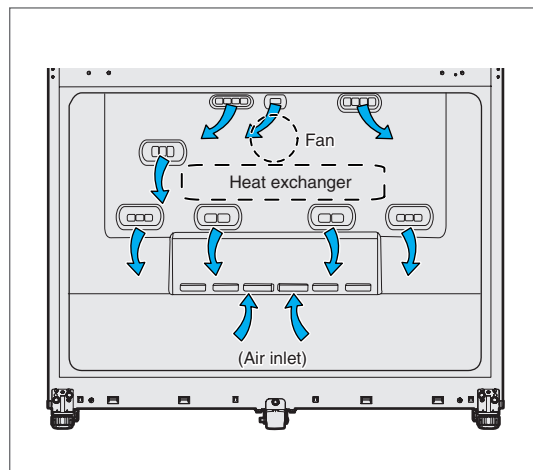
Refrigerant Charge (R134a)	5.64 oz(160g)
Compressor((MK172D-R2U)	897 Btu/hr(0.263kw)
Compressor oil	Freol α -10
Capillary tube(Dia, Length)	0.032 " ,118 " (0.81mm, 2997mm)
Dryer	Molecular Sieve XH-9



Refrigerator



Freezer



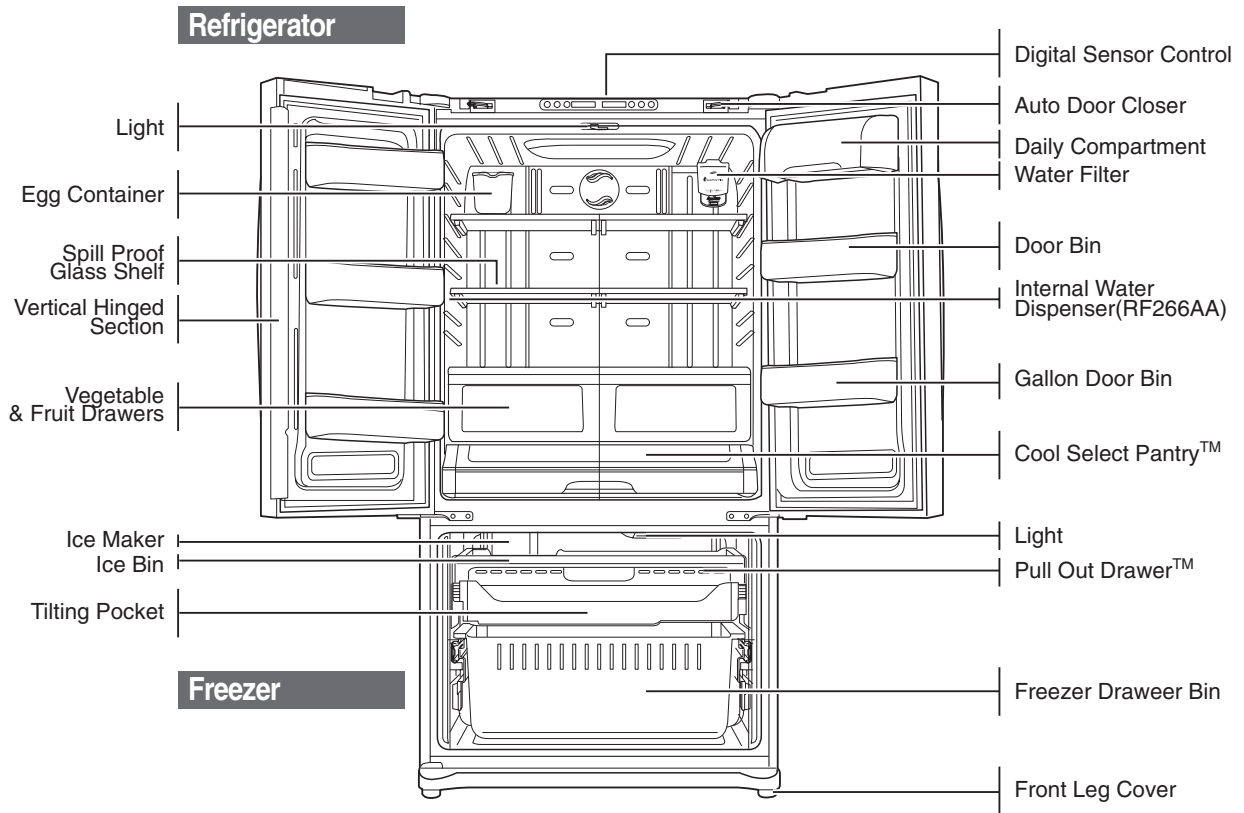
INSTALLATION

Clearance must be provided for air circulation

AT TOP	1 " (25mm)
AT SIDES	0.5 " (15mm)
AT REAR	1 " (25mm)

PRODUCT SPECIFICATIONS

2-3) Interior Views



PRODUCT SPECIFICATIONS

2-4) Model Specification & Comparison Chart

ITEM			SPEC	SAMSUNG	MAYTAG	LG
				RF266AA/RF26NB	MFI2568AES	LFX25960ST
Appearance						
Product Zone			Cooling Tech	Twin Cooling	Mono Cooling	Mono Cooling
			Door Shape	Contour	Contour	Contour
			Special Room	Cool Select Pantry	Pantry	Pantry
Performance	Cooling Speed(Min)	F-Room	250 ↓	175.4	246	224
		R-Room	250 ↓	172.8	575	232
	89.6°F(32°C)	F-Room	-26.0 ↓	-32.0	-27.2	-28.8
		R-Room	2.0 ↓	-1.2	1.6	-1.8
	109.4°F(43°C)	F-Room	-18.0 ↓	-24.8	-20.9	-22.5
		R-Room	5.0 ↓	-2.5	5.9	0.8
	Temperature Distribution (Fridge)	F-Room	2.0 ↓	0.3	0.6	1.3
		R-Room	2.0 ↓	0.5	1.1	0.5
	Operation rate	N-N	60% ↓	47.4	60.7	56.5
Noise	Sound power level		46dB ↓	41.8	47.0	41.7
	Sound Pressure level		45dB ↓	41.2	48.2	40.1

PRODUCT SPECIFICATIONS

2-5) Model Specification & Specification Chart

ITEM	Model		RF265	RF266	RF26NB
			Pantry	Int W/D with Pantry	No Dispenser
External size	W		35.7 inch (908mm)		
	D	On Cabinet	29.1 inch (704mm)		
		W/O Handle	32.9 inch (836mm)		
		With Handle	35.6 inch (905mm)		
	H	W/O Hinge Cap	68.6 inch (1744mm)		
		With Hinge Cap	69.8 Inch (1778mm)		
Net Capacity	Total		25.8Cu.ft (731.1 ℓ)		
	Freezer		8.1Cu.ft (230.6 ℓ)		
	Refrigerator		17.7Cu.ft (500.5 ℓ)		
Efficiency of volume			50.17%		
Weight	Set		300 Pounds (137kg)		
	Packing		333 Pounds (152kg)		
Packing	Width		38.6 Inch (980mm)		
	Depth		39.4 Inch (1001mm)		
	Height		75.7 Inch (1923mm)		
Compressor			reciprocate		
Rated Frequency and Frequency			AC 115V/60Hz / AC230V50Hz		
Refrigerant			R 134a		
Foaming agent			C-Pantane		
Refrigerant Input Amount			5.64 oz (160g)		
Kind of Refrigerator			Indirect Cooling Method Refrigerator		
Motor Rated Consumption Power			140A		
Electric Heater Rated Consumption Power			385W		

COLOR			
	Cabinet (Both sides of Embo)	Door	Molding
Black	All Black	Empire Black	I Black
Real STS	Noble STS	Versailles Stainless	Creamy STS
White	Snow White	Snow White	Snow White
Platinum STS	Noble STS	Stainless Platinum	Creamy STS

PRODUCT SPECIFICATIONS

2-5) Model Specification & Specification Chart

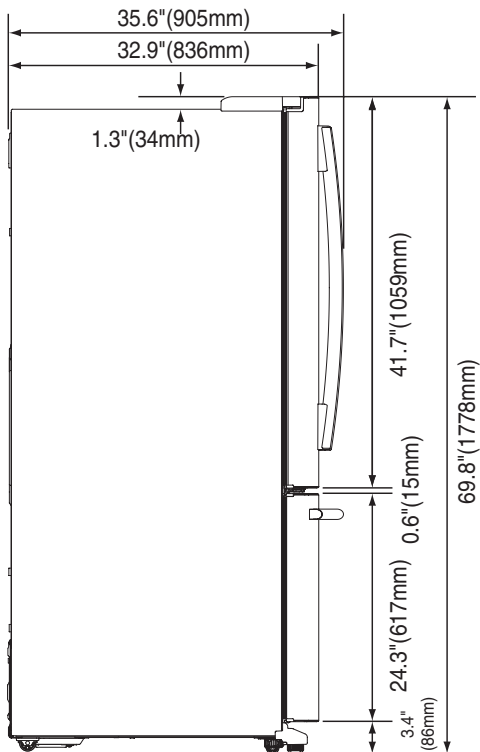
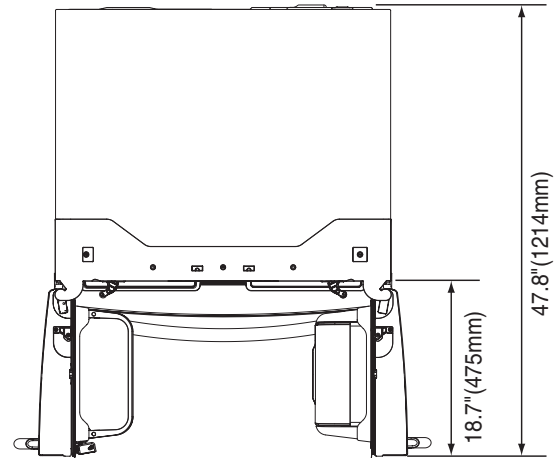
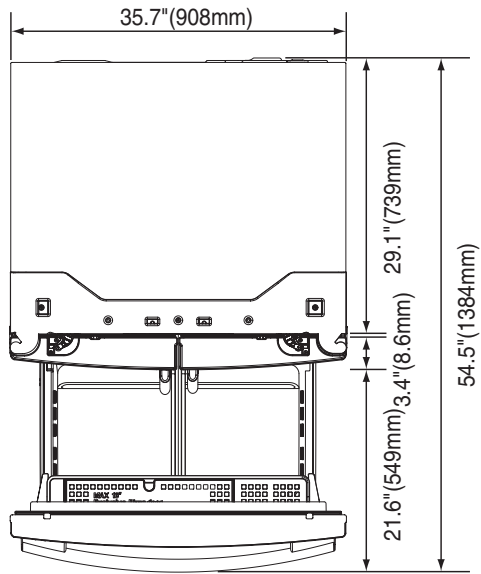
Items			Specification		
Model			RF265	RF266	RF26NB
Components for Freezer	Compressor	Model	MK172D-R2U / MK190QL2U		
		Starting type	R.S.C.R		
		Oil Charge	FREOL α - 10		
	Evaporator	Freezer	SPLIT FIN TYPE		
		Refrigerator	SPLIT FIN TYPE		
	Condenser		Forced and natural convection type		
	Dryer		Molecular sieve XH-9		
	Capillary tube(Dia x Length)		0.032" x 118" (0.81mm x 2997mm)		
	Refrigerant		R134a		
Room Temperature Sensor Components	Freezer	Model	Temperature Selection		ON(°F) OFF(°F)
		THERMISTOR (F-SENSOR) 502AT	-14 °F(-26°C)		-11 °F(24°C) -17 °F(-27°C)
			-2 °F(-19°C)		1 °F(-17°C) -5 °F(-21°C)
			8 °F(-13°C)		11 °F(-12°C) 5 °F(-15°C)
	Refrigerator	Model	Temperature Selection		ON(°F) OFF(°F)
		THERMISTOR (R-SENSOR) 502AT	34 °F(1°C)		36 °F(2°C) 32 °F(0°C)
			38 °F(3°C)		40 °F(4°C) 36 °F(2°C)
			46 °F(8°C)		48 °F(9°C) 44 °F(7°C)
Defrost Related Components	Defrost Cycle	First Defrost Cycle (Concurrent defrost of F and R)		6hr ±10min	
		Defrost Cycle(FRE)		12~23hr(vary according to the conditions used)	
		Defrost Cycle(REF)		6~11hr(vary according to the conditions used)	
		Pause time		12 ±1min	
	Defrost Sensor	F Defrost-Sensor	Model	THERMISTOR (502AT)	
			SPEC	5.0 KΩ at 77 °F(25°C)	
		R Defrost-Sensor	Model	THERMISTOR (502AT)	
			SPEC	5.0 KΩ at 77 °F(25°C)	
	Bimetal	F Bimetal-thermo Protector	Rated	AC 125V 10A / AC 250V 3A	
			Operating temperature	Off : 140 °F(60°C) / On : 104 °F(40°C)	
		R Bimetal-thermo Protector	Rated	AC 125V 10A / AC 250V 3A	
			Operating temperature	Off : 140 °F(60°C) / On : 104 °F(40°C)	

PRODUCT SPECIFICATIONS

Items			Specification		
Model			RF265	RF266	RF26NB
Electric Components	Defrost Heater(FRE)	Conducting af F Defrost	AC 115V, 240W / AC 230V, 240W		
	Defrost Heater(REF)	Conducting at R Defrost	AC 115V, 120W / AC 230V, 120W		
	DISPENSER Heater	Interlock with F-FAN	AC 115V, 10W / AC 230V, 3W		
	FRENCH Heater	-	AC 115V, 10W / AC 230V, 10W		
	Bimetal thermo For Preventing Overheating of Refrigerator Lamp		AC125V 10A / AC250V 3A Off: 140°F(60°C) / On : 104°F(40°C)		
	Condenser for COMP (Package type)	Running	12 μ F ,250V / 5 μ F ,450V		
		Starting	-		
	Starting-Relay	Model	J531Q33E100M200-2		
		Operation	10 Ω $\pm$ 20%		
	Over load Relay	Model	4TM435RFBYY-53		
		Temp.ON	266 $\pm$ 41°F(130 $\pm$ 5°C)		
		Temp.OFF	141.8 $\pm$ 48.2°F(61 $\pm$ 9°C)		
	Rated Voltage		AC 115V/60Hz / 220~240V/50Hz		
	MOTOR-BLDC(FRE)		DC12V / FDQT06SS3		
	MOTOR-BLDC(REF)		DC12V / FDQT06SS3		
	MOTOR-BLDC(Circuit)		DC12V / FDQT06SS2		
	MOTOR-DAMPER(PANTRY)		DC12V / NSBY001TA1		
	Lamp(FRE)		AC 120V 60W(1EA) / AC230V 40W(1EA)		
	Lamp(REF)		AC 120V 60W(2EA) / AC 230V 60W(2EA)		
	Door Switch	FRE	AC 125V 1.5A (1EA) / AC 250V 0.5A		
		REF	DC200V 1.5A / MS-406-SS-01(2EA)		
	Power cord		AC125V 15A / AC 250V 10A		
	Earth Screw		BSBN (BRASS SCREW)		

PRODUCT SPECIFICATIONS

2-6)Dimensions of Refrigerator (Inches)



PRODUCT SPECIFICATIONS

2-7) Optional Material Specification

RF265AA

Photographie	Part Name	Part Code	AMOUNT
	FILTER WATER-ASSY	DA29-00003B	1
	ASSY-PACKING SUB	DA99-00240G	1
	LAMP INCANDENT	4713-001223	3

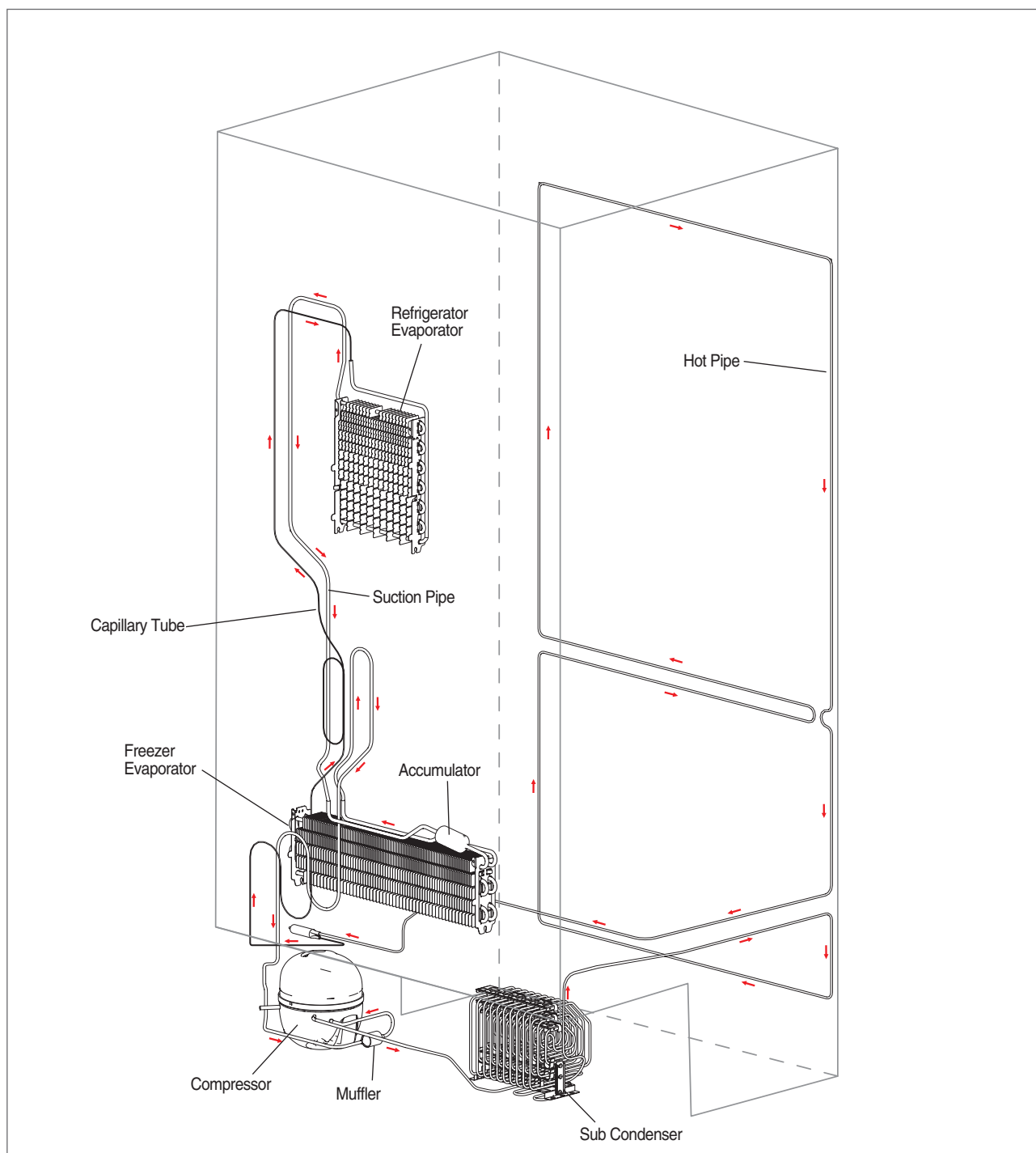
RF26NB

Photographie	Part Name	Part Code	AMOUNT
	ASSY-INSTALL FILTER	DA97-01469W	1
	PIPE-CONECT WATER PACKING	DA62-01329A	1
	LAMP INCANDENT	4713-001232(REF) : 60W 4713-001201(FRE) : 40W	3

PRODUCT SPECIFICATIONS

2-8) Refrigerant Route in Refrigeration cycle

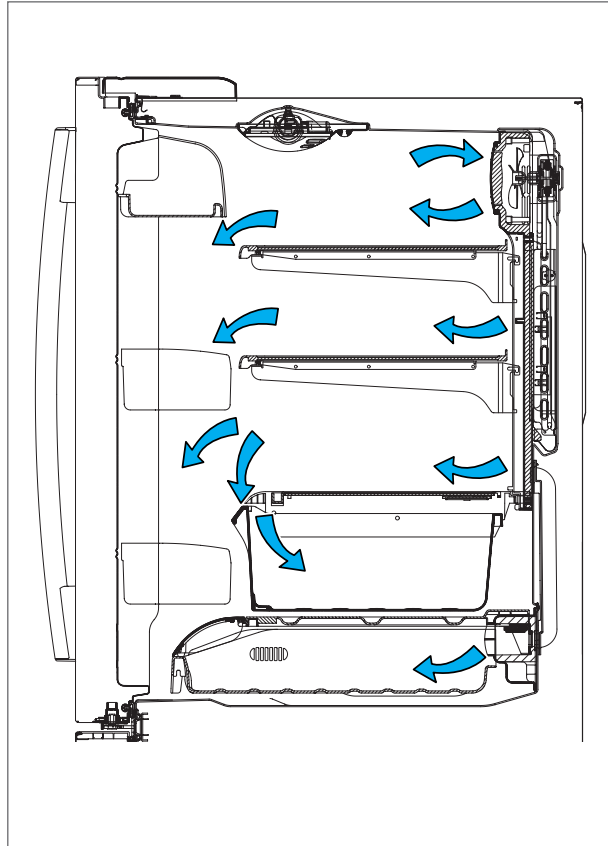
Compressor → Sub-condenser → Hot Pipe → Dryer → Capillary Tube → Refrigerator Evaporator → Freezer Evaporator → Suction Pipe → Compressor



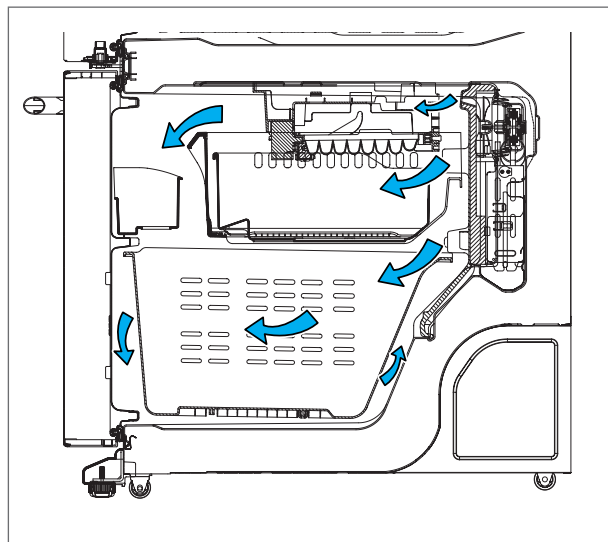
PRODUCT SPECIFICATIONS

2-9) Cooling Air Circulation

Refrigerator



Freezer

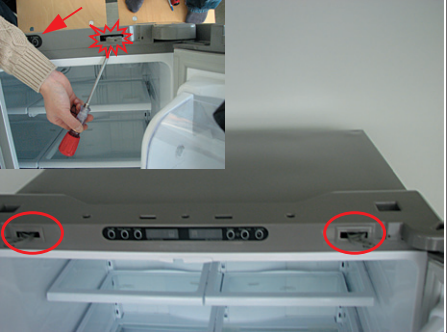
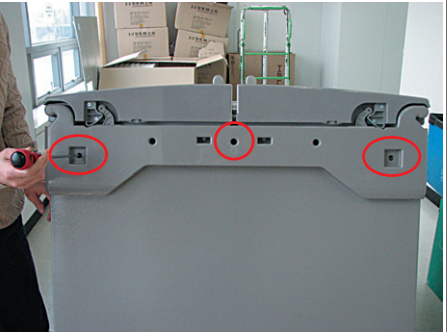
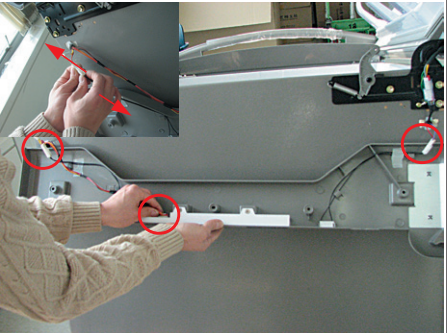
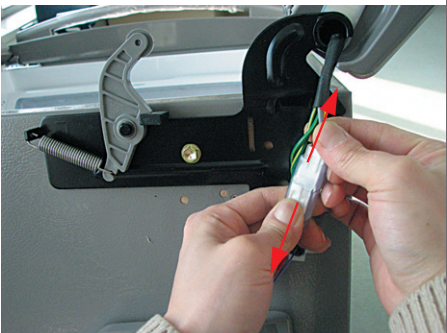


3. DISASSEMBLY AND REASSEMBLY

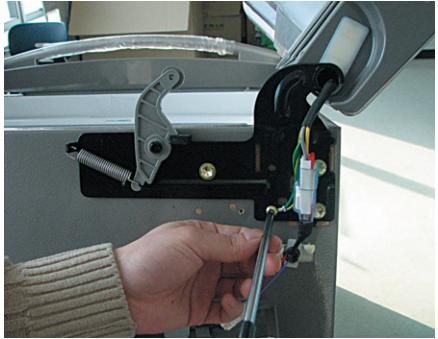
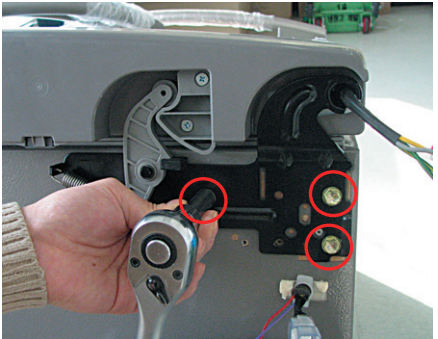
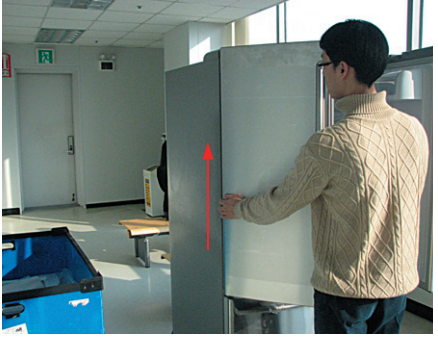
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DISASSEMBLY AND REASSEMBLY

3-1) Refrigerator Door

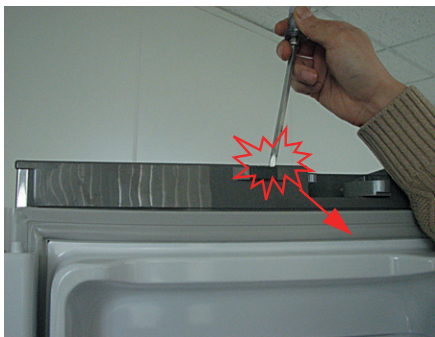
Part Name	How To Do	Descriptive Picture
Refrigerator Door	1. Remove the cap-top table with using a flat-blade(-) screwdriver.	
	2. Remove 3 screws of the top-table.	
	3. Remove the 3 housing-connect screws of TOP-TABLE. (Refer to the picture)	
	4. Disengage the housing-connect of upper hinge (left door).	

DISASSEMBLY AND REASSEMBLY

Part Name	How To Do	Descriptive Picture
Refrigerator Door	5. Remove the earth-screw of upper hinge.	
	6. Remove 3 bolt screws of hinge. Caution : Avoid damage or separation of the door when removing the bolt.	
	7. Remove the door by lifting it straight up.	

DISASSEMBLY AND REASSEMBLY

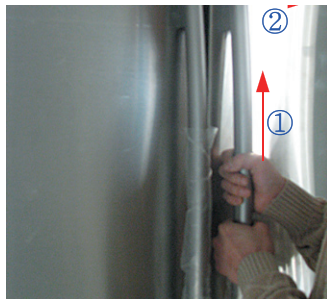
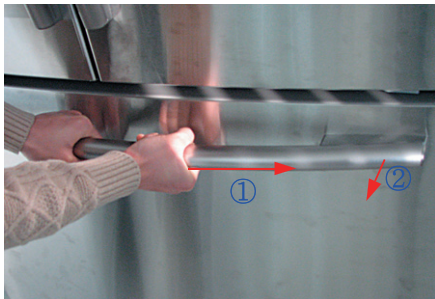
3-2) Door Switch In Refrigerator

Part Name	How To Do	Descriptive Picture
Door Switch In Refrigerator	1. Remove the magnet switch with using a flat-blade(-) screwdriver. (Refer to the picture)	

3-3) Door Gasket

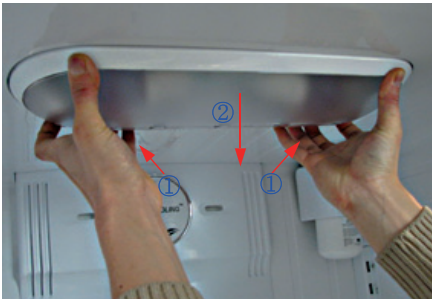
Part Name	How To Do	Descriptive Picture
Door Gasket In Refrigerator	1. Remove the door-gasket by pulling it out of the retaining channel.	

3-4) Door Handle

Part Name	How To Do	Descriptive Picture
Door Handle Refrigerator	1. Remove the door handle of refrigerator by lifting it up and pulling it out. (Refer to the picture)	
Door Handle Freezer	1. Remove the door handle of freezer by pushing it to the right and pulling it out. (Refer to the picture)	

DISASSEMBLY AND REASSEMBLY

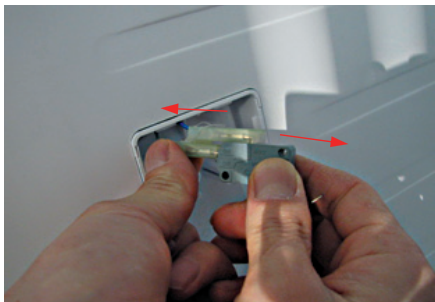
3-5) Refrigerator Light

Part Name	How To Do	Descriptive Picture
Refrigerator Light	1. Remove the light cover by pulling it down with pushing the rear of light cover.	
	2. Remove the lamp by turning it counterclockwise.	

3-6) Internal Water Dispenser

Part Name	How To Do	Descriptive Picture
Internal Water Dispenser Cover	1. Remove the internal water dispenser cover by inserting a flat-blade(-) screwdriver to the gap of dispenser with pulling the cover.	
Water Hose Cap	2. Remove the water hose cap by pulling it out. (Refer to the picture)	

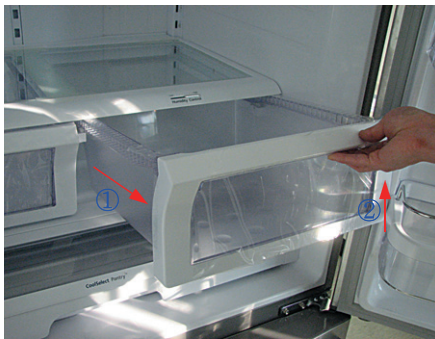
DISASSEMBLY AND REASSEMBLY

Part Name	How To Do	Descriptive Picture
Micro Switch	1. Remove the micro switch with using flat- blade(-) screwdriver. (Refer to the picture)	
	2. Disengage the Housing Connect. (Refer to the picture)	

3-7) Spill Proof Glass Shelf

Part Name	How To Do	Descriptive Picture
Spill Proof Glass Shelf	1. Remove the shelf by lifting the front plane of the shelf up and pulling it out.	

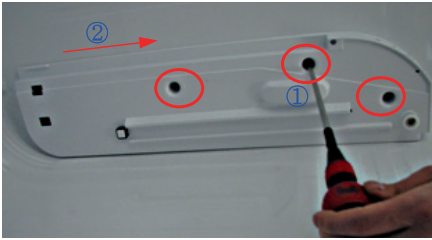
3-8) Vegetable & Fruit Drawers

Part Name	How To Do	Descriptive Picture
Vegetable & Fruit Drawers	1. Remove the vegetable & fruit drawer by pulling the roller part and lifting it up.	

DISASSEMBLY AND REASSEMBLY

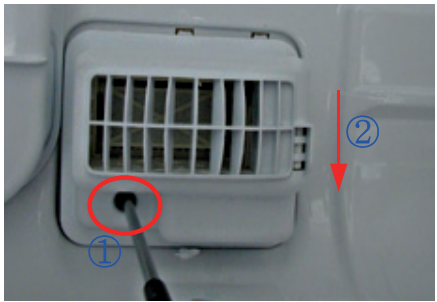
Part Name	How To Do	Descriptive Picture
Vegetable & Fruit Drawers Shelf	1. Remove the vegetable & fruit drawers shelf by pulling it out. (Refer to the picture)	

3-9) Cool Select Pantry

Part Name	How To Do	Descriptive Picture
Cool Select Pantry	1. Remove the cool select pantry by pulling the roller part and lifting it up.	
Cool Select Pantry Cover	1. Remove the cool select pantry cover by lifting the central part of the cover with pushing it to the left.	
Cool Select Pantry Shelf	1. Remove the cool select pantry shelf by lifting the front part of the shelf with pulling it.	
Cool Select Pantry Rail	1. Remove the cool select pantry rail by unscrewing the 3 screw parts and pulling the rail.	
	2. Disconnect the housing connect of internal rail part. (Refer to the picture)	

DISASSEMBLY AND REASSEMBLY

3-10) Motor Damper

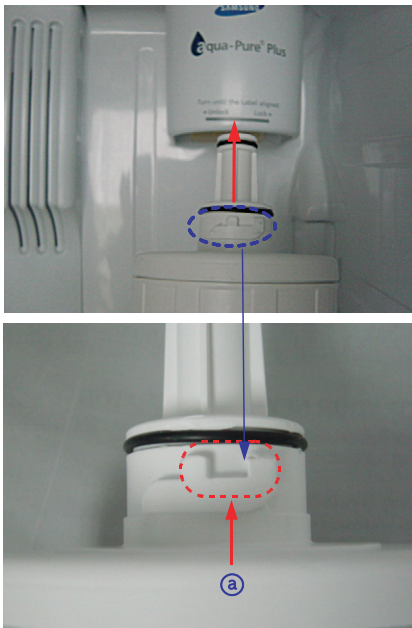
Part Name	How To Do	Descriptive Picture
Motor Damper	1. Remove the cool select pantry. Remove the screw part of lower motor damper part and then push the motor damper down.	
	1. Disengage 2 housing connects of the rear motor damper. (Refer to the picture)	

3-11) Water Filter (Disassembly)

Part Name	How To Do	Descriptive Picture
Water Filter	1. Remove the shelf by lifting the front plane of the shelf up and pulling it out. 2. Remove the water filter by turning it clockwise. (Refer to the picture)	

DISASSEMBLY AND REASSEMBLY

3-11) Water Filter (Reassembly)

Part Name	How To Do	Descriptive Picture
Water Filter	1. Place the part of (a) arrow (that is indicating in the picture) in the middle of the front filter cover and push it up.	
	2. Turn the water filter counterclockwise until central horizontal line of filter cover and both ends of water filter label are made all of the same width. (Refer to the picture.)	

3-12) Gallon Door Bin

Part Name	How To Do	Descriptive Picture
Gallon Door Bin	1. Remove the gallon door bin by lifting it up. (Refer to the picture)	

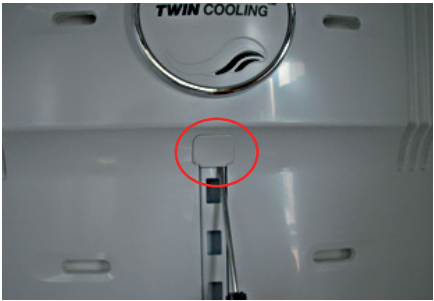
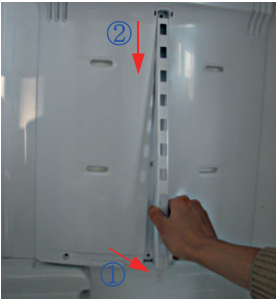
DISASSEMBLY AND REASSEMBLY

3-13) Vertical Hinged Section

Part Name	How To Do	Descriptive Picture
Vertical Hinged Section	1. Remove 2 screw cap parts with using flat-blade(-) screwdriver. (Refer to the picture)	
	2. Unscrew 2 screws.	
	3. Disengage the internal housing connect of vertical hinge.	
	4. Remove the vertical hinged section by lifting vertical hinge up. (Refer to the picture)	

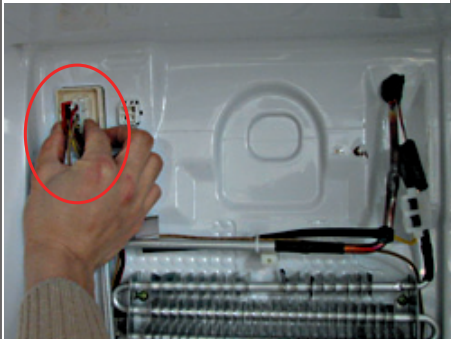
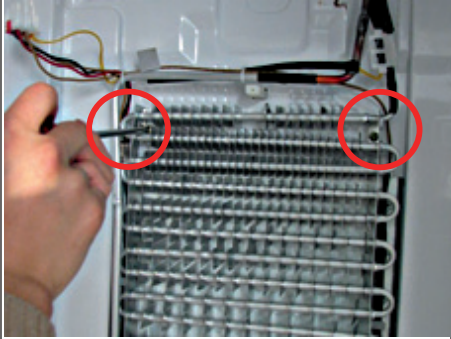
DISASSEMBLY AND REASSEMBLY

3-14) Evaporator Cover In Refrigerator

Part Name	How To Do	Descriptive Picture
Evaporator Cover In Refrigerator	1. Remove the angle cap with using a flat-blade screwdriver. (Refer to the picture)	
	2. Unscrew 4 screws.	
	3. Remove the the lower part of angle mid by pulling it out and pushing it down. (Refer to the picture)	
	4. Remove the hook by pulling it from the lower part and pushing the cover down. (Refer to the picture)	
	5. Disconnect the housing connect of rear plane. (Refer to the picture)	

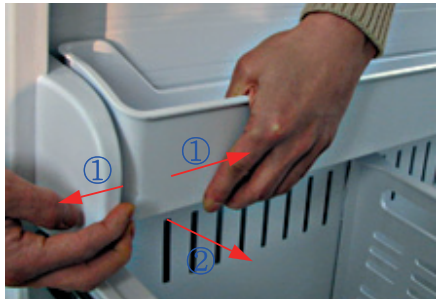
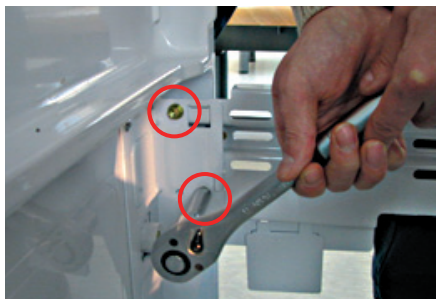
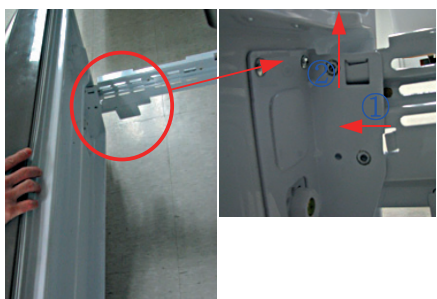
DISASSEMBLY AND REASSEMBLY

3-15) Evaporator In Refrigerator

Part Name	How To Do	Descriptive Picture
Evaporator In Refrigerator	1. Remove the the housing cover by pushing both lateral sides of the housing cover and pulling it out. (Refer to the picture)	
	2. Disconnect the housing connect part. (Refer to the picture)	
	3. Unscrew 2 screws.	
	4. Remove the evaporator by lifting the bottom side of it up and pulling it out. (Refer to the picture)	

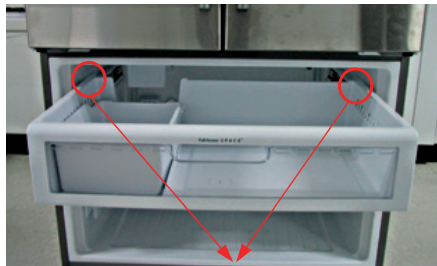
DISASSEMBLY AND REASSEMBLY

3-16) Freezer Door

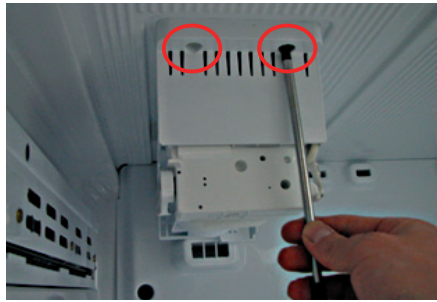
Part Name	How To Do	Descriptive Picture
Freezer Door	1. Open the freezer door. Remove the tilting pocket by pushing it to the left. (Refer to the picture)	
	2. Remove the 2 support tilting pockets with temporary force. (Refer to the picture)	
	3. Remove the freezer drawer bin by lifting the bottom part of it up. (Refer to the picture)	
	4. Remove 4 internal bolts at both lateral sides of rail part. (Refer to the picture)	
	5. Remove the freezer door by tilting the bottom part of it and lifting it up.	

DISASSEMBLY AND REASSEMBLY

3-17) Pull Out Drawer

Part Name	How To Do	Descriptive Picture
Pull Out Drawer	1. Slide the drawer out as much as possible.	
	2. Insert a flat screw driver(-) into the gap and then push it up to disassemble.	
	3. Remove the pull out drawer by lifting the bottom part of drawer bin and pulling it out.	

3-18) Ice Maker

Part Name	How To Do	Descriptive Picture
Ice Maker	1. Remove the ice maker cover by pulling the bottom part of ice maker cover out.	
	2. Unscrew 2 screws.	

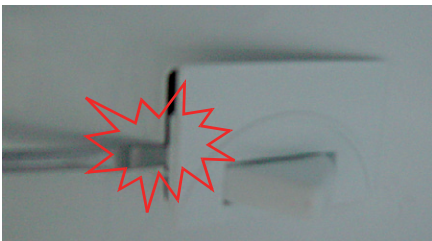
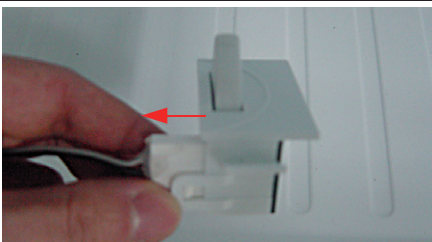
DISASSEMBLY AND REASSEMBLY

Part Name	How To Do	Descriptive Picture
Ice Maker	3. Remove the ice maker by pulling it out.	
	4. Disconnect the housing connector part.	

3-19) Freezer Light

Part Name	How To Do	Descriptive Picture
Freezer Light	1. Remove the light by pulling the light cover down with pushing the rear plane of light cover.	

3-20) Door Switch In Freezer

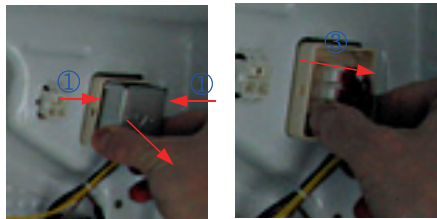
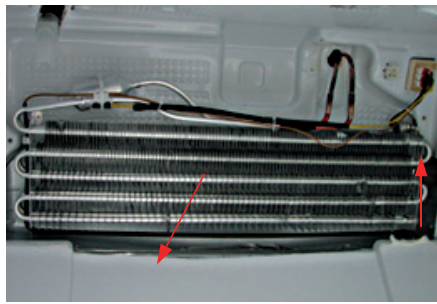
Part Name	How To Do	Descriptive Picture
Door Switch In Freezer	1. Remove the freezer drawer bin with using flat-blade(-) screwdriver.(Refer to the picture)	
	2. Disconnect the housing connector part.	

DISASSEMBLY AND REASSEMBLY

3-21) Evaporator Cover In Freezer

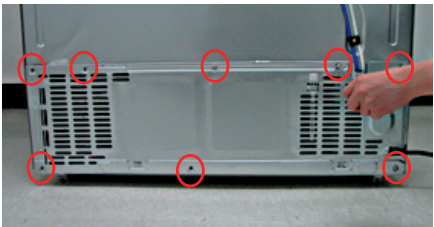
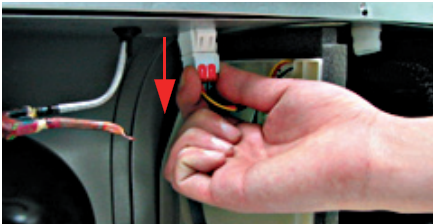
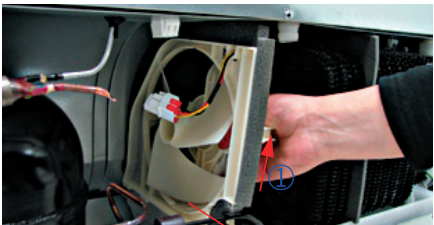
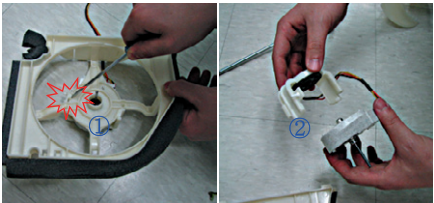
Part Name	How To Do	Descriptive Picture
Evaporator Cover In Freezer	1. Remove the freezer door, freezer drawer bin, pull out drawer, ice maker and then unscrew 2 screws.	
	2. Remove the evaporator cover by pulling the bottom part of it out.	
	3. Disconnect the housing connector part.	

3-22) Evaporator In Freezer

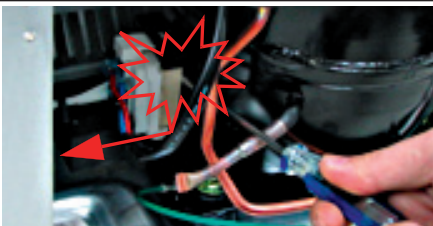
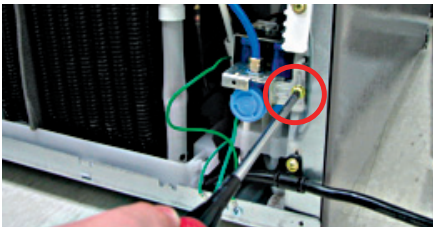
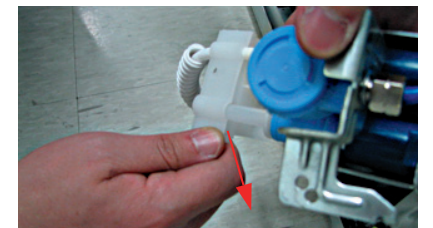
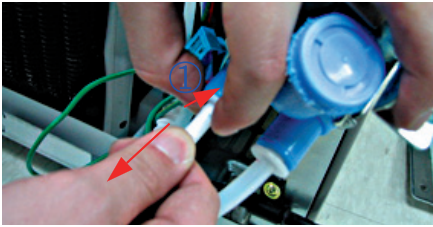
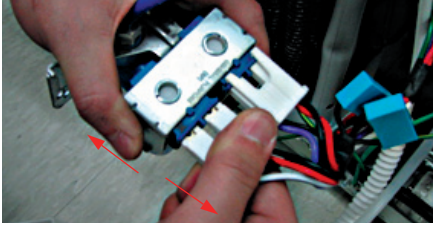
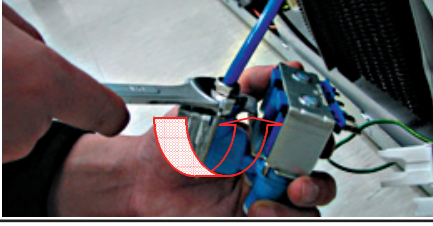
Part Name	How To Do	Descriptive Picture
Evaporator In Freezer	1. Remove the housing cover by pushing both lateral sides of housing cover part and pulling it out. Remove the housing connector part.	
	2. Remove the evaporator by pulling the lower part of evaporator with lifting it up.	

DISASSEMBLY AND REASSEMBLY

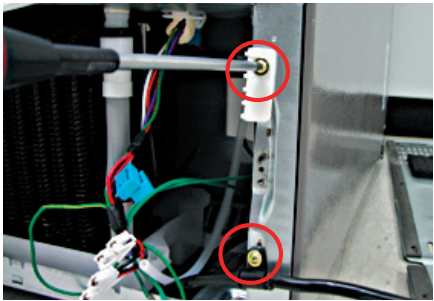
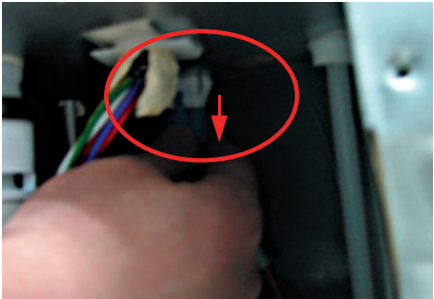
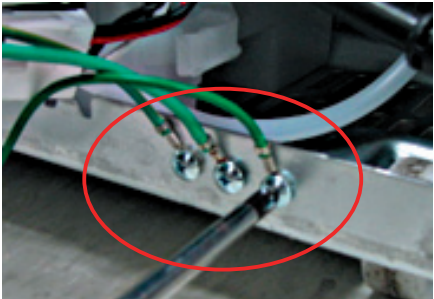
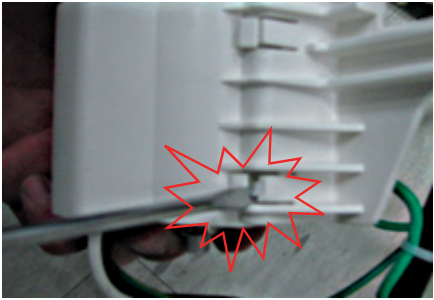
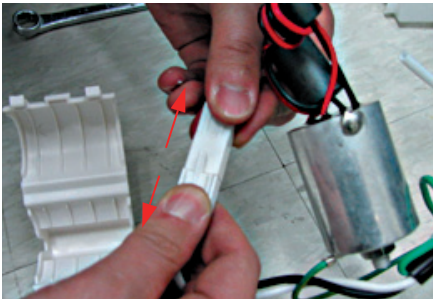
3-23) Machine Compartment

Part Name	How To Do	Descriptive Picture
Motor Fan	1. Unscrew 8 screws of cover comp.	
	2. Disengage the housing connector. (Refer to the picture)	
	3. Remove the hooker of support circuit motor by lifting the hooker up and pulling it out.	
	4. Remove the spring with using flat-blade screwdriver. (Refer to the picture)	
	5. Remove the motor fan by pulling the fan out with grasping the motor part. (Refer to the picture)	
	6. Unscrew 2 screws fixed in the motor.	
	7. Remove the hook of motor cover with using a flat-blade (-) screwdriver and then remove the motor.	

DISASSEMBLY AND REASSEMBLY

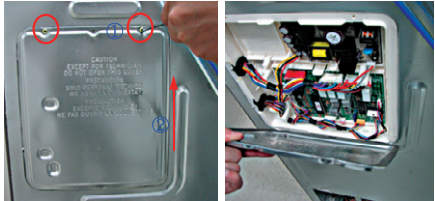
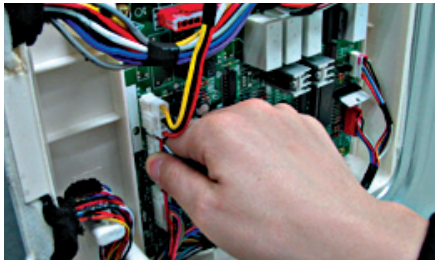
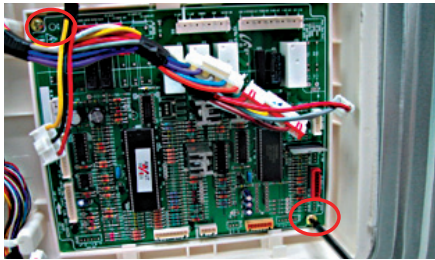
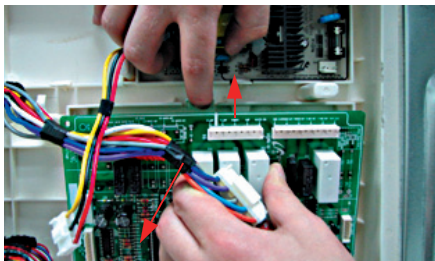
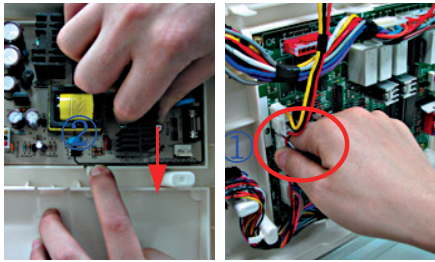
Part Name	How To Do	Descriptive Picture
Relay PTC & O/L	1. Disengage the housing connector.	
	2. Remove the relay PTC with using a flat-blade screwdriver. (Refer to the picture)	
Water Valve	1. Unscrew the water valve fixed in the screw part.	
	2. Remove the the hook part of hose fixer by pushing it down.	
	3. Remove 2 water hose parts with pushing upper part of ①. (Refer to the picture)	
	4. Disengage 2 housing connector parts.	
	5. Remove the hose connecting nut with using a wrench(8mm).	

DISASSEMBLY AND REASSEMBLY

Part Name	How To Do	Descriptive Picture
Power Cord & Noise Filter	1. Unscrew 2 screws.	
	2. Disengage the housing connector.	
	3. Unscrew 3 earth screws.	
	4. Remove the cover by pushing the hook up with using a flat-blade(-) screwdriver. (Refer to the picture)	
	5. Disengage the housing connector to separate the power cord and noise filter.	

DISASSEMBLY AND REASSEMBLY

3-24) Electric Box

Part Name	How To Do	Descriptive Picture
PBA Main	1. Pull the refrigerator forward for having enough space to work at the rear side of the appliance.	
	2. Unscrew 2 PCB cover fixed screws.	
	3. Disengage all housing connectors connected with main PCB.	
	4. Unscrew 2 PCB fixed screws.	
	5. Remove the main PCB with lifting the upper part of the hook up. (Refer to the picture)	
PBA SMPS	1. Remove the cover PCB and then disengage the housing connector connected with main PCB. Remove the SMPS PCB with pushing the lower part of the hook down.	

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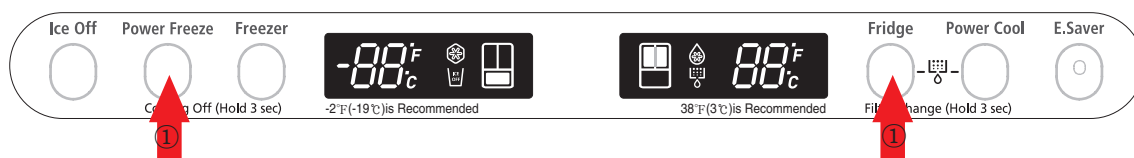
TROUBLESHOOTING

4-1) Function for failure diagnosis

4-1-1. Test mode (manual operation / manual defrost function)

- If Power Freeze & Fridge temperature control Key on the front of panel are pressed simultaneously for 8 seconds, it will be changed to the test mode and all displays on the front of panel will be off.
- If any key on the front of panel is pressed within 15 seconds after the test mode, it will be operated as below sequence :
manual operation(fresh food compartment) ↔ manual defrost of fresh food compartment(rd) ↔ manual defrost of fresh food and freezer compartments (Fd) ↔ Cancel(Display all off).
- If any key on the front of panel is not pressed within 15 seconds after the test mode, the test mode will be canceled and it will be returned to previous mode.

1) Manual operation function



- ① If Power Freeze Key + Fridge Key are pressed simultaneously for 8 seconds, (displays are all off)
It will be changed to the test mode (manual operation) by pressing any key

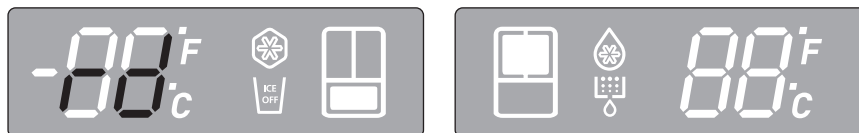
- 1-1) If any key is pressed once in test mode, blinks "FF" on the display and it indicates the refrigerator has entered the manual operation. At this moment, buzzer beeps as an alarm.



- 1-2) If manual operation is selected, comp will run at once without 5 minutes delay in any mode. If the refrigerator is on the defrost cycle at the moment, defrost will be finished and manual operation will begin.
(Be careful if manual operation get started at the moment of comp off, over load could be occurred)
- 1-3) If manual operation works, comp & f-fan operate continuously for 24 hours and fresh food compartment will be controlled by the setting temperature.
- 1-4) When the manual operation runs, setting temperature will be selected automatically as below: freezer compartment -14 °F(-25°C), fresh food compartment 33.8°F(1 °C).
- 1-5) During manual operation, Power Freeze & Power Cool function will not be worked.
If a function is selected, the power function icon of the selected function will be off automatically after 10 seconds.
- 1-6) Manual operation can be canceled during manual operation by turning on the appliance after power off(reset) or choosing the step 4) test cancel mode.
- 1-7) Alarm(0.25 sec ON/ 0.75 sec OFF) will beep continuously until manual operation is completed and there is no function to make the sound stop.

TROUBLESHOOTING

2) Manual defrost(fresh food compartment) function



- 2-1) If any key is pressed one more time during manual operation(fresh food compartment), "rd" shows in the display and then manual operation will be canceled at once and fresh food compartment will be defrosted.
- 2-2) At this moment, alarm beeps for 3 seconds(0.1 sec ON/ 1 sec OFF) during manual defrost(fresh food compartment) function.

3) Simultaneous manual defrost(fresh food and freezer compartments) function



- 3-1) If any key is pressed one more time during manual defrost(defrost of fresh food compartment, "rd"), "Fd" shows on the display and then fresh food and freezer compartments defrost will operate.
Manual defrost of Fresh food and freezer compartments are followed by manual defrost freezer compartment.
- 3-2) At this moment, alarm beeps for 3 seconds (0.5 sec ON/ 0.5 sec OFF) during manual defrost function of fresh food and freezer compartment.

4) Test cancel mode

- 4-1) During defrosting of fresh food and freezer compartments simultaneously, if the display panel change to the test mode and test button is pressed one more time, defrosting of fresh food and freezer compartments will be canceled at the same time and will return to the normal operation.
Or, all test functions will be canceled by turning main power ON again after it OFF.

4-1-2. Display function of Communication error

1) Display function when Panel ↔ MAIN MICOM communication has error

- 1-1) If there is no answer for 10 seconds after the panel micom received the requirement of communication, "Pc - Er" display on the panel PCB will be ON/OFF alternately until the communication error is canceled. (0.5 sec ALL ON, 0.5 sec ALL OFF alternately)

(0.5 sec ALL ON, 0.5 sec ALL OFF alternately)



TROUBLESHOOTING

2) Display function when MAIN ↔ LOAD MICOM communication has error

2-1) If there is no answer for 20 seconds after the main micon received the requirement of communication from load MICOM, "Lc - Er" display on the panel PCB will be ON/OFF alternately until the communication error is canceled.

(0.5 sec ALL ON, 0.5 sec ALL OFF alternately)



2-2) Also pantry room display will be ON/OFF alternately until the communication error is canceled.

(0.5 sec ALL ON, 1.5 sec ALL OFF alternately)

4-1-3. Self-diagnostic function

1) Self-diagnostic function in the Initial power ON

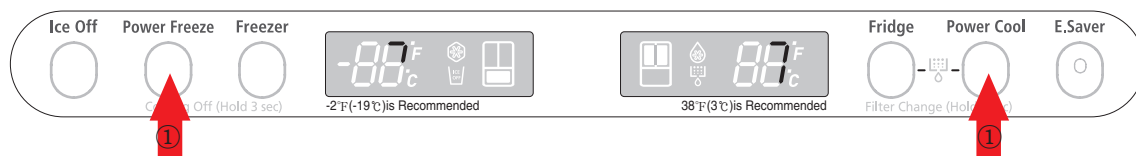
1-1) Micom operates self-diagnostic function to check the temperature sensor condition within 1 second when the refrigerator turned On initially.

1-2) If bad sensor is detected by the self-diagnostic function, the applicable display LED will blink for 0.5 sec.

At this moment, there is no beep sound. (Refer to self-diagnostic CHECK LIST)

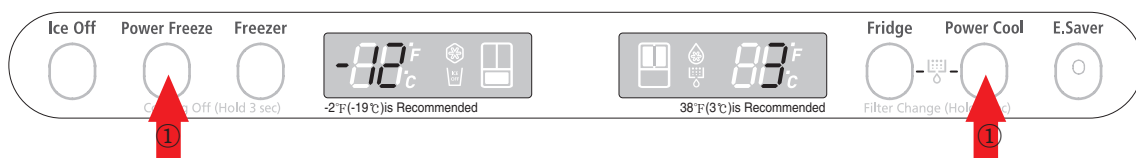
1-3) Self-diagnostic button is recognized only when the error is displayed by the bad sensor. Display does not operate normally but temperature control will be controlled by the emergency operation.

1-4) When the error is detected by self-diagnosis, the error can be canceled automatically if all troubled sensors are corrected or Self-diagnostic function key (Power Freeze + Power Cool) are pressed simultaneously for 8 seconds.
(Return to normal display mode)



① If Power Freeze Key + Power Cool Key are pressed simultaneously for 8 seconds, the error mode by self-diagnosis will be canceled.

2) Self-diagnostic function during normal operation



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2-1) If Power Freeze + Power Cool Key are pressed simultaneously for 6 seconds during normal operation, the temperature setting display will operate for 2 seconds (ON/OFF 0.5sec each).

If Power Freeze + Power Cool Key are pressed simultaneously for 8 seconds (including above 2 seconds), self-diagnostic function will be selected.

2-2) At this moment, self-diagnostic function will be returned with buzzer sound 'ding-dong'.

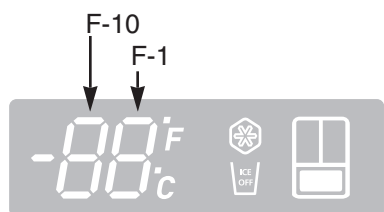
If there is an error, display of error will be operated for 30 seconds and then return to normal condition whether problem is corrected or not.

(Refer to self-diagnosis CHECK LIST)

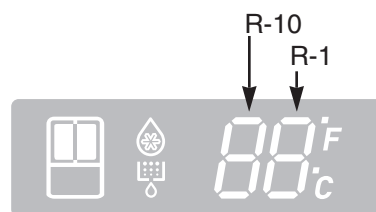
2-3) Input by button is not accepted during self-diagnostic function.

* Self-diagnosis CHECK LIST

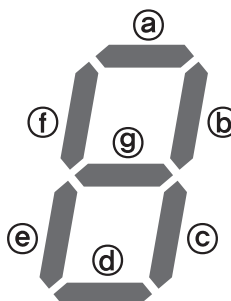
NO	Trouble item	Display LED	Trouble contents
1	Ice Maker Sensor Error	R-1-(a)	ICE MAKER SENSOR part error
2	R-Sensor Error	R-1-(b)	FF SENSOR part error
3	R-DEF-Sensor Error	R-1-(c)	FF defrost SENSOR part error
4	R-FAN Error	R-1-(d)	FF inner fan motor part error
5	Ice Maker Error	R-1-(e)	ICE MAKER operation error
6	R-DEF.Error	R-1-(g)	FZ defrost part error
7	Ambient-Sensor Error	F-1-(a)	External SENSOR part error
8	F-Sensor Error	F-1-(b)	FZ SENSOR part error
9	F-DEF-Sensor Error	F-1-(c)	FZ defrost SENSOR part error
10	F-FAN Error	F-1-(d)	FZ inner fan motor part error
11	C-FAN Error	F-1-(e)	Machine room fan motor part error
12	F-DEF. Error	F-1-(g)	FZ defrost part error
13	Pantry-Damper-Heater Error	R-10-(a)	Damper Heater open/wire error
14	Pantry-Sensor Error	R-10-(b)	Pantry Room SENSOR part error
15	Panel↔Main MICOM communication Error	F-10-(g)	Panel↔Main MICOM communication error
16	L↔M communication Error	F-10-(f)	LOAD↔Main MICOM communication error



-2°F is Recommended



38°F is Recommended

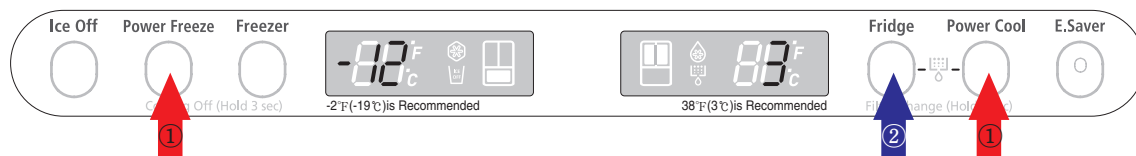


TROUBLESHOOTING

* Self-diagnostics check list

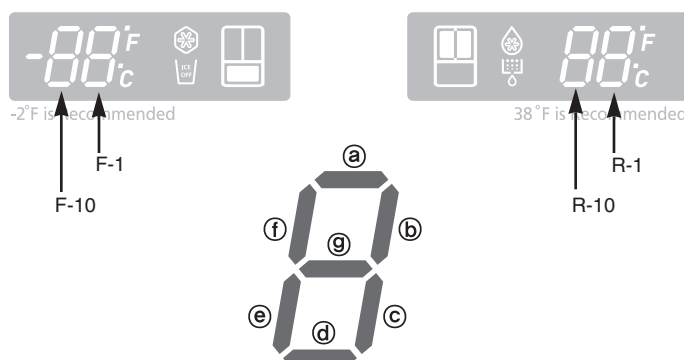
LED	Item	Trouble contents	Diagnostic method
R-1- ^(a)	Ice Maker Sensor Error	Display error : separation of sensor housing part, contact error, disconnection, short circuit	When checking the voltage of MAIN PCB CN90 #3↔CN90#4 : shall be between 4.5V~1.0V.
R-1- ^(b)	R-Sensor Error	Display error of detecting temperature of sensor: more than 149°F (+65°C) or less than -58°F (-50°C)	When checking the voltage of MAIN PCB CN30#6↔CN75#1:shall be between 4.5V~1.0V
R-1- ^(c)	R-DEF-Sensor Error		When checking the voltage of MAIN PCB CN30#7↔CN75#:shall be between 4.5V~1.0V
R-1- ^(d)	R-FAN Error	Display error during operation of applicable fan motor : Feed Back signal line contact error, separation of motor wire, motor error	Voltage of MAIN PCB CN75 Orange ↔ Gray shall be between 7V~12V
R-1- ^(e)	Ice Maker Error	Display error : ice making kit is harvested more than 3 times and level error ** Apply to the applicable Ice Maker model.	After replacing ice maker, check the operation by turning the appliance ON again.
R-1- ^(g)	R-DEF. Error	Display error : separation of fresh food compartment defrost heater housing part, contact error, disconnection, short circuit or temperature fuse error. Display error : the defrosting does not finish though fresh food compartment defrost is heating continuously for more than 80 minutes.	After separating MAIN PCB CN70,CN71 from PCB, check the resistance value between CN70 White ↔ CN71 Orange shall be 102(441) ohm ± 7%. (Resistant value is varied by the input power) Check 0 Ohm : heater short, ∞ Ohm : wire / bimetal Open.
F-1- ^(a)	Ambient-Sensor Error	Display error : sensor housing separation, contact error, disconnection, short circuit	When checking the voltage of MAIN PCB CN32#1↔#4 : shall be between 4.5V~1.0V.
F-1- ^(b)	F-Sensor Error	Display error by detecting temperature of sensor: more than 149°F (+65°C) or less than -58°F (-50°C)	When checking the voltage of MAIN PCB CN30#3↔CN75#1:shall be between 4.5V~1.0V
F-1- ^(c)	DEF-Sensor Error		When check the voltage of MAIN PCB CN30#4↔CN75#1:shall be between 4.5V~1.0V
F-1- ^(d)	F-FAN Error	Display error during operation of applicable fan motor : Feed Back signal line contact error, motor wire separation, motor error	Voltage of MAIN PCB CN75 Yellow ↔ Gray shall be between 7V~12V.
F-1- ^(e)	C-FAN Error	Display error during operation of applicable fan motor : Feed Back signal line contact error, motor wire separation, motor error	Voltage of MAIN PCB CN75 Sky-blue ↔ Gray shall be between 7V~12V.
F-1- ^(g)	F-DEF. Error	Display error : separation of freezer compartment defrost heater housing part , contact error, disconnection, short circuit or temperature fuse error. Display error : the defrosting does not finish though fresh food compartment defrost is heating continuously for more than 70 minutes.	After separating MAIN PCB CN70,CN71 from PCB, check the resistant value between CN70 brown ↔ CN71 Orange shall be 102(220) ohm ± 7%. (Resistant value is varied by input power) Check 0 Ohm : heater short, ∞ Ohm : wire / bimetal Open.
R-10- ^(a)	Pantry-Damper-Heater Error	Display error when open error is detected by damper heater : separation of Damper Heater housing part, contact error, disconnection, short circuit	After separating MAIN PCB CN91from PCB, check the resistant value between Black ↔ brown wire shall be 145 ohm ± 7%. Check 0 Ohm : heater short, ∞ Ohm : wire / bimetal Open.
R-10- ^(b)	Pantry-Sensor Error	Display error : separation of sensor housing, contact error, disconnection, short circuit. Display error by detecting temperature of sensor: more than 149°F (+65°C) or less than -58°F (-50°C)	When checking the voltage of MAIN PCB CN30#8 ↔ #9 : shall be between 4.5V~1.0V.
F-10- ^(g)	Panel↔Main communication Error	Display "oP/LC-Er" in the panel with alarm : MICOM MAIN ↔LOAD communication error MICOM MAIN ↔PANEL communication error	Actually, it is desirable to recheck the condition with the oscilloscope after replacing Main and Panel PCB.
F-10- ^(f)	Load↔Main communication Error	LC-Er is displayed when the Option is not equivalent with the right value	

4-1-4. Display function of Load condition



- ① If Power Freeze Key + Power Cool Key are pressed simultaneously for 6 seconds, ALL ON/OFF will blink with 0.5 interval for 2 seconds.
- ② If take the finger off from above keys and press Fridge Key, load condition mode will be started.

- 1) If Power Freeze Key + Power Cool Key are pressed simultaneously for 6 seconds during normal operation, the temperature setting display of fresh food and freezer compartments will blink ALL ON/OFF with 0.5 for 2 seconds.
- 2) At this moment, If Fridge Key after Power Freeze Key + Power Cool Key is pressed, load condition display mode will be returned with alarm.
- 3) Load condition display mode shows the load that micom signal is outputting. However, It means that micom signal is outputting, it does not mean whether load is operating or not. That is to say that though load operation is displayed, load could not be operated by actual load error or PCB relay error etc.
- 4) Load condition display function will maintain for 30 seconds and then normal condition will be returned automatically.
- 5) Load condition display is as below.

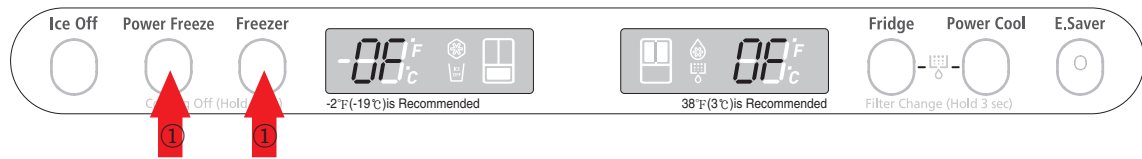


* Load mode Check list

Display LED	Display contents	Operation contents
R-1- (a)	R-FAN High	When fresh food compartment fan high operates, applicable LED ON
R-1- (b)	R-FAN Low	When fresh food compartment fan low operates, applicable LED ON
R-1- (c)	R-DEF Heater	When fresh food compartment defrost heater operates, LED ON
R-1- (d)	Start Mode	Initial power ON refrigerator, LED ON
R-1- (e)	Overload condition	When ambient temperature is more than 93°F(34°C), LED ON
R-1- (f)	Low temperature condition	When ambient temperature is less than 72°F(22°C), LED ON
F-1- (e),(f) ALL LED Off	Normal Condition	When ambient temperature is between 73°F(23°C) ~ 91°F(33°C), LED ON
R1- (g)	Exhibition Mode	Display mode, LED ON
F-1- (a)	COMP.	When compressor operates, applicable LED ON
F-1- (b)	F-FAN High	When freezer compartment fan high operates, applicable LED ON
F-1- (c)	F-FAN Low	When freezer compartment fan low operates, applicable LED ON
F-1- (d)	F-DEF Heater	When freezer compartment defrost heater operates, LED ON
R-10- (e)	C-FAN High	When compressor fan high operates, applicable LED ON
R-10- (f)	C-FAN Low	When compressor fan low operates, applicable LED ON
F-10- (g)	French Heater	When french heater operates, applicable LED ON
F-10- (a)	Pantry Room Damper Open	When damper open, applicable LED ON

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4-1-5. Exhibition mode setting function



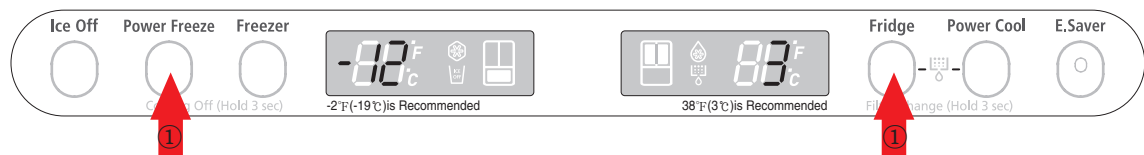
① If Power Freeze Key + Freezer Key are pressed for 3 seconds, show room mode will be started.

- 1) If Power Freeze Key + Freezer Key are pressed simultaneously for 3 seconds during normal operation, show room mode will be started with buzzer sound(ding-dong).
- 2) If above Power Freeze & Freezer Key are pressed one more time, show room mode will be canceled.
- 3) If show room mode is selected, blinks "OF-OF" on the temperature setting display of the panel and it indicates the refrigerator has entered the show room mode.
- 4) During show room mode, if fresh food and freezer compartments sensors are higher than 65 show room mode will be canceled automatically and freezing operation will be returned.
(There is no buzzer sound when the show room mode is canceled by the temperature)
- 5) Operation contents of show room mode
 - Display, Fan motor and etc operate normally, not to operate compressor only.
 - Defrost is not operated. (including french heater)
 - Display function of the initial real temperature is finished.
 - Under the condition of show room mode, show room mode will be operated when Power On after Power OFF.

4-1-6. Option setting function

- If Freezer Key + Fridge Key are pressed simultaneously for 12 seconds during normal operation, fresh food and freezer compartments temperature display will be changed to option setting mode.

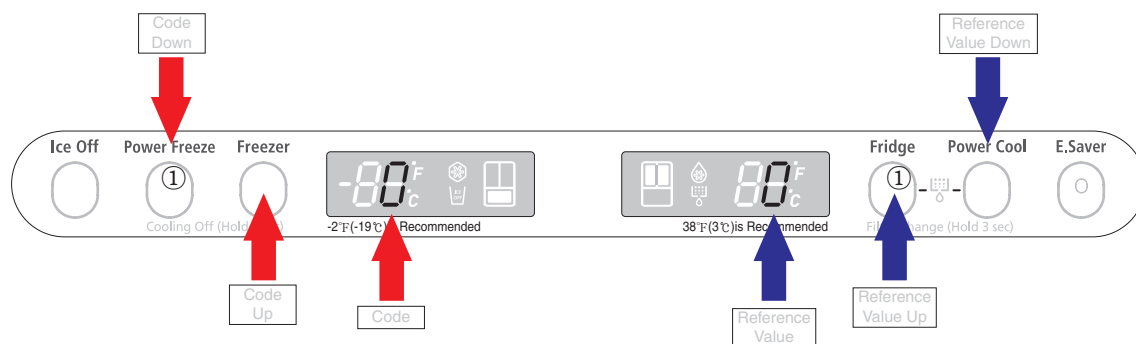
KEY operation method for changing to option mode



① If Freezer Key + Fridge Key are pressed simultaneously for 12 seconds, option setting mode will be started.

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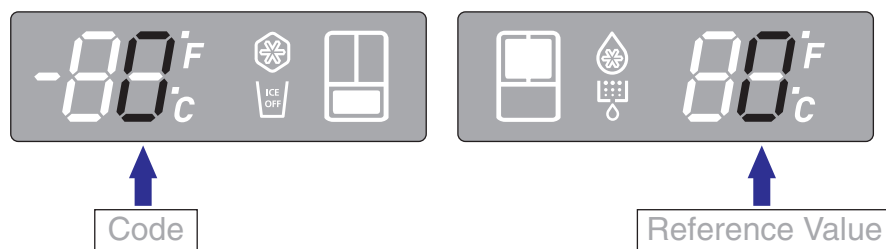
KEY control method after converting to option mode



* Key control in option mode

Power Freeze Key	Code Down key
Freezer Key	Code Up key
Power Cool key	Reference Value down key
Fridge key	Reference Value Up key

- If the display changes to option setting mode, all displays will be off except freezer and fridge compartments temperature display as below.
(Fresh food and freezer compartments case will be explained only because all options are operated with the same method according to the option table.)



- 1) For example, if you want to change freezer compartment standard temperature to 28.4°F(-2°C) by operating option, do as below.
This function is for changing the standard temperature.
In -2°F(-19°C) of current temperature of freezer compartment, if you make the temperature lower to 28.4°F(-2°C) by the option, the standard temperature would be controlled -6°F(-21°C). Therefore, if you change the setting of temperature option to -2°F(-19°C) on the panel, the appliance will be operated with -6°F(-21°C).
It means that standard temperature is controlled 28.4°F(-2°C) less than setting temperature in the display.

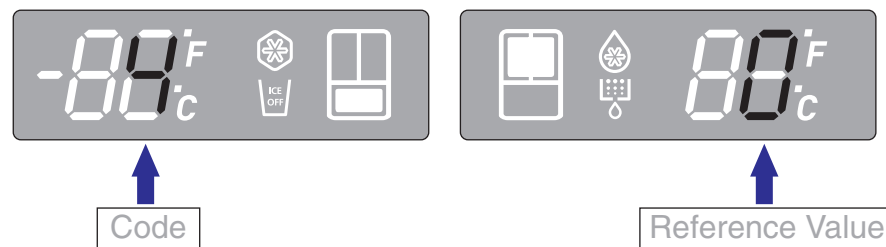


NOTE

Basically, option function has cleared data at shipping process. Therefore, almost all setting value are "0". Check the product information manual or specifications because setting value could be changed particularly for the purpose of improving product at mass producing process.

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- 2) After changing to the option mode, fresh food compartment "0" , freezer compartment "0" will be displayed. (Basically fresh food compartment "0", freezer "0" would be set at shipping process, but setting value could be changed for the purpose of improving product at mass producing process.)
 - If fresh food compartment "0" shows only, temperature reference value of freezer compartment will be set and current freezer compartment temperature code will be displayed on the freezer temperature display.
- 3) If freezer compartment "4" is set as below freezer compartment code after fresh food compartment "0" is set, standard temperature of freezer compartment will be lower than 28.4 °F (-2.0 °C).
(Refer to the picture "changing the freezer compartment temperature")



: If you wait for 20 seconds after completing the setting, MICOM will save the setting value to the EEPROM and normal display will be returned and the option setting mode will be canceled.

- 4) Option changing method as above is the same as all RF266/265** model.
- 5) By the same method as above, it is possible to control the fresh food compartment temperature, water supply, ice-maker harvest temperature/time, defrost return time, hysteresis by temperature, notch gap by temperature etc.
- 6) Option function is set in the EEPROM at shipping process in the factory.
You would better not to change the option of your own.
Completing the setting is that option function return to normal display after 20 seconds.
Do not turn off the appliance before returning to the normal display mode.



NOTE

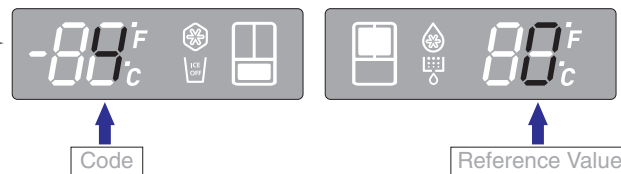
Option setting function exists in the other items.
We will skip the explanation of the other functions by the option because it is associated with refrigerator control function and is not needed at SERVICE.
(Please do not set the other options except above SERVICE Manual.)

4-1-7. Option TABLE

1) Temperature changing table of freezer compartment

Set item	Freezer Temp Shift
MODEL	RF265/266/RF26NB
Reference Value	Fridge Room 7-SEG 0 _____

Setting value	Temp. compensation
0	32°F (0.0°C)
1	31.1°F (-0.5°C)
2	30.2°F (-1.0°C)
3	29.3°F (-1.5°C)
4	28.4°F (-2.0°C)
5	27.5°F (-2.5°C)
6	26.6°F (-3.0°C)
7	25.7°F (-3.5°C)
8	32.9°F (+0.5°C)
9	33.8°F (+1.0°C)
10	34.7°F (+1.5°C)
11	35.6°F (+2.0°C)
12	36.5°F (+2.5°C)
13	37.4°F (+3.0°C)
14	38.3°F (+3.5°C)
15	39.2°F (+4.0°C)

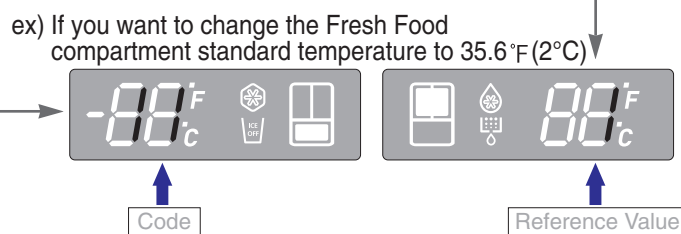


ex) If you want to change the freezer standard temperature to 28.4 °F (-2°C)

2) Temperature changing table of fresh food compartment

Set item	Freezer Temp Shift
MODEL	RF265/266/RF26NB
Reference Value	Fridge Room 7-SEG
	1 _____

Setting value	Temp. compensation
FZ compartment Code	
0	32°F (0.0°C)
1	31.1°F (-0.5°C)
2	30.2°F (-1.0°C)
3	29.3°F (-1.5°C)
4	28.4°F (-2.0°C)
5	27.5°F (-2.5°C)
6	26.6°F (-3.0°C)
7	25.7°F (-3.5°C)
8	32.9°F (+0.5°C)
9	33.8°F (+1.0°C)
10	34.7°F (+1.5°C)
11	35.6°F (+2.0°C)
12	36.5°F (+2.5°C)
13	37.4°F (+3.0°C)
14	38.3°F (+3.5°C)
15	39.2°F (+4.0°C)



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- Below options are applied to the applicable model with ice maker.

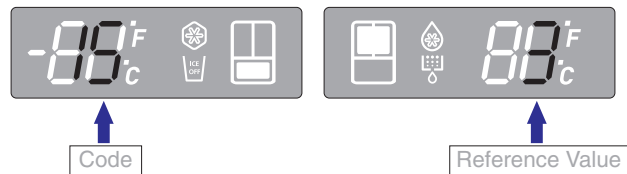
Do not set below options to the model without Ice Maker.

3) To change the ice maker harvest waiting time

This option controls the harvest waiting time for ice dispensing from Ice maker

Set item	ICE MAKER waiting time of ice making
Reference Value	Fridge Room 7-SEG
	3

Setting value	Temp. compensation (mins)
FZ compartment Code	
0	58
1	57
2	56
3	55
4	54
5	53
6	52
7	51
8	50
9	49
10	48
11	47
12	46
13	45
14	59
15	60



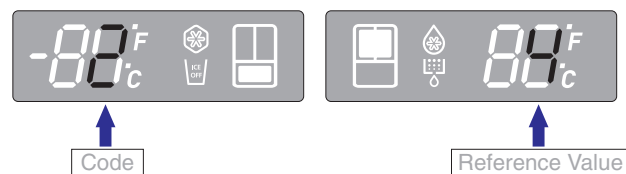
ex) If you want to change the waiting time to 60 minutes

4) To change the ice making sensor temperature of ice maker

This option Controls the standard temperature of judgment that is checking whether ice of ice maker is frozen completely or not.

Set item	ICE MAKER control the temperature of ice making
Reference Value	Fridge Room 7-SEG
	4

Setting value	Temp. compensation (mins)
FZ compartment Code	
0	1.4 °F (-17°C)
1	3.2 °F (-16°C)
2	5.0 °F (-15°C)
3	6.8 °F (-14°C)
4	8.6 °F (-13°C)
5	10.4 °F (-12°C)
6	-0.4 °F (-18°C)
7	2.2 °F (-19°C)



ex) If you want to change the ice making sensor temperature to 5.0 °F (-15°C)

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4-2) Diagnostic method according to the trouble symptom(Flow Chart)

DATA1.Temperature table

Resistance value and MICOM port voltage of sensor according to the temperature

SENSOR CHIP : based on PX41C

°C	°F	Voltage	Resistance	°C	°F	Voltage	Resistance	°C	°F	Voltage	Resistance
-50	-58	4.694	153319	-5	23	3.107	16419	40	104	1.153	2997
-49	-56.2	4.677	144794	-4	24.8	3.057	15731	41	105.8	1.124	2899
-48	-54.4	4.659	136798	-3	26.6	3.006	15076	42	107.6	1.095	2805
-47	-52.6	4.641	129294	-2	28.4	2.955	14452	43	109.4	1.068	2714
-46	-50.8	4.622	122248	-1	30.2	2.904	13857	44	111.2	1.040	2627
-45	-49	4.602	115631	0	32	2.853	13290	45	113	1.014	2543
-44	-47.2	4.581	109413	1	33.8	2.802	12749	46	114.8	0.988	2462
-43	-45.4	4.560	103569	2	35.6	2.751	12233	47	116.6	0.963	2384
-42	-43.6	4.537	98073	3	37.4	2.700	11741	48	118.4	0.938	2309
-41	-41.8	4.514	92903	4	39.2	2.649	11271	49	120.2	0.914	2237
-40	-40	4.490	88037	5	41	2.599	10823	50	122	0.891	2167
-39	-38.2	4.465	83456	6	42.8	2.548	10395	51	123.8	0.868	2100
-38	-36.4	4.439	79142	7	44.6	2.498	9986	52	125.6	0.846	2036
-37	-34.6	4.412	75077	8	46.4	2.449	9596	53	127.4	0.824	1973
-36	-32.8	4.385	71246	9	48.2	2.399	9223	54	129.2	0.803	1913
-35	-31	4.356	67634	10	50	2.350	8867	55	131	0.783	1855
-34	-29.2	4.326	64227	11	51.8	2.301	8526	56	132.8	0.762	1799
-33	-27.4	4.296	61012	12	53.6	2.253	8200	57	134.6	0.743	1745
-32	-25.6	4.264	57977	13	55.4	2.205	7888	58	136.4	0.724	1693
-31	-23.8	4.232	55112	14	57.2	2.158	7590	59	138.2	0.706	1642
-30	-22	4.199	52406	15	59	2.111	7305	60	140	0.688	1594
-29	-20.2	4.165	49848	16	60.8	2.064	7032	61	141.8	0.670	1547
-28	-18.4	4.129	47431	17	62.6	2.019	6771	62	143.6	0.653	1502
-27	-16.6	4.093	45146	18	64.4	1.974	6521	63	145.4	0.636	1458
-26	-14.8	4.056	42984	19	66.2	1.929	6281	64	147.2	0.620	1416
-25	-13	4.018	40938	20	68	1.885	6052	65	149	0.604	1375
-24	-11.2	3.980	39002	21	69.8	1.842	5832	66	150.8	0.589	1335
-23	-9.4	3.940	37169	22	71.6	1.799	5621	67	152.6	0.574	1297
-22	-7.6	3.899	35433	23	73.4	1.757	5419	68	154.4	0.560	1260
-21	-5.8	3.858	33788	24	75.2	1.716	5225	69	156.2	0.546	1225
-20	-4	3.816	32230	25	77	1.675	5039	70	158	0.532	1190
-19	-2.2	3.773	30752	26	78.8	1.636	4861	71	159.8	0.519	1157
-18	-0.4	3.729	29350	27	80.6	1.596	4690	72	161.6	0.506	1125
-17	1.4	3.685	28021	28	82.4	1.558	4526	73	163.4	0.493	1093
-16	3.2	3.640	26760	29	84.2	1.520	4369	74	165.2	0.481	1063
-15	5	3.594	25562	30	86	1.483	4218	75	167	0.469	1034
-14	6.8	3.548	24425	31	87.8	1.447	4072	76	168.8	0.457	1006
-13	8.6	3.501	23345	32	89.6	1.412	3933	77	170.6	0.446	978
-12	10.4	3.453	22320	33	91.4	1.377	3799	78	172.4	0.435	952
-11	12.2	3.405	21345	34	93.2	1.343	3670	79	174.2	0.424	926
-10	14	3.356	20418	35	95	1.309	3547	80	176	0.414	902
-9	15.8	3.307	19537	36	96.8	1.277	3428	81	177.8	0.404	877
-8	17.6	3.258	18698	37	98.6	1.253	3344	82	179.6	0.394	854
-7	19.4	3.208	17901	38	100.4	1.213	3204	83	181.4	0.384	832
-6	21.2	3.158	17142	39	102.2	1.183	3098	84	183.2	0.375	810

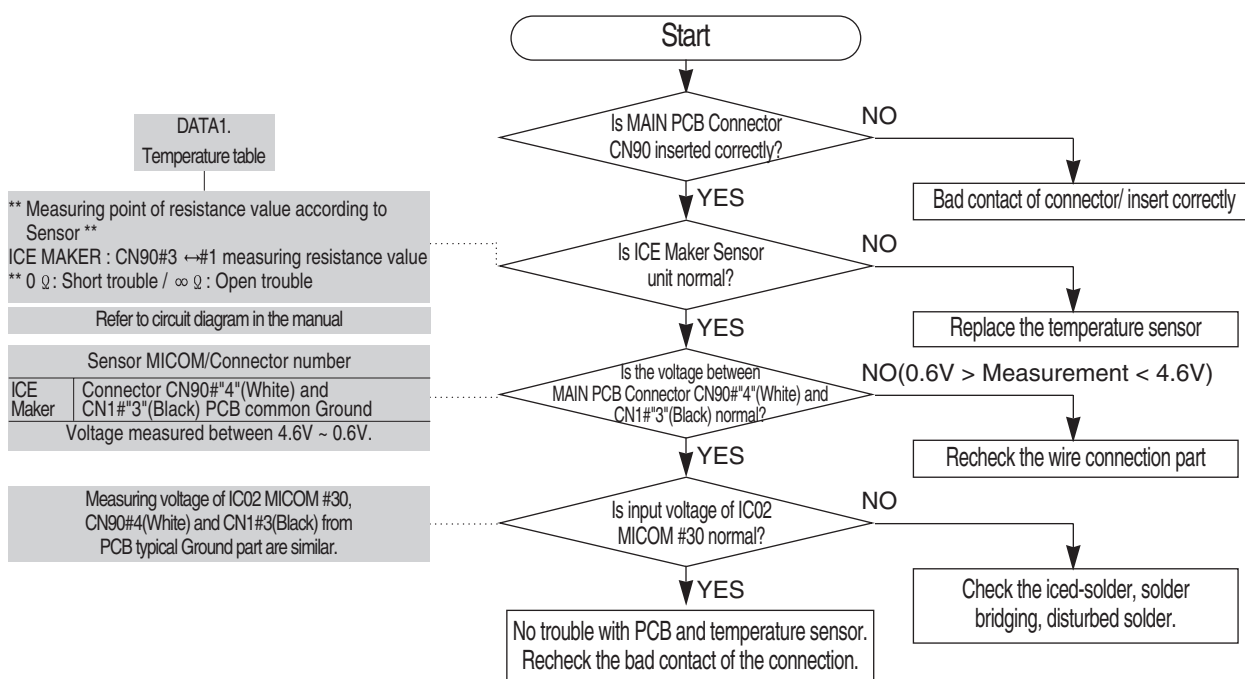
TROUBLESHOOTING

4-2-1. If the trouble is detected by self-diagnosis

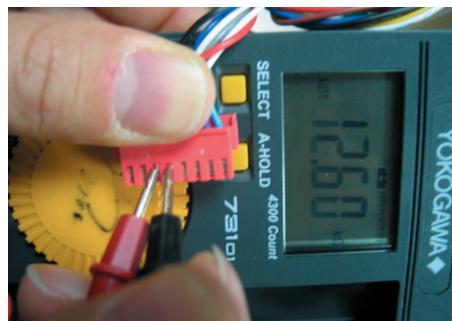
- The error of sensor will be displayed on the front of display.
when the error of sensor is detected at initial power ON, the appliance will not operated and display of abnormal sensor part will blink.
- The appliance will not stop operating when the error of sensor is detected during operation of the appliance.
But normal freezing might be not operated if the appliance is operated by the emergency operation mode. You would better to check the appliance according to the self-diagnosis of the manual.

1) If ICE Maker Sensor has trouble

ERROR Code

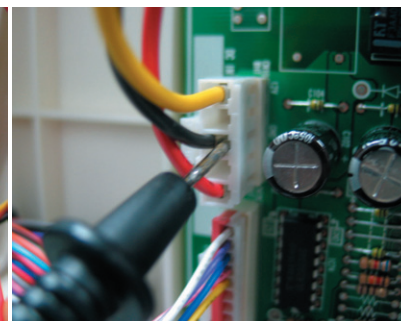


- ☞ Checking method of ICE Maker Sensor resistance CN90# "3(White) ↔ #4"(White)
- Compare the temperature table after the measure.



- ☞ Checking method of ICE Maker Sensor resistance
- Measure the voltage of Sensor Check Point #6(IC02 MICOM #30) on PCB or CN90#4(White) ↔ CN1#3(Black)
 - Compare the temperature table after the measure.
 - Measuring voltage of CN90#4(White) ↔ CN1#3(Black) are below.

typical PCB Ground
CN1#3(Black)



TROUBLESHOOTING

2) If R Sensor has trouble

ERROR Code



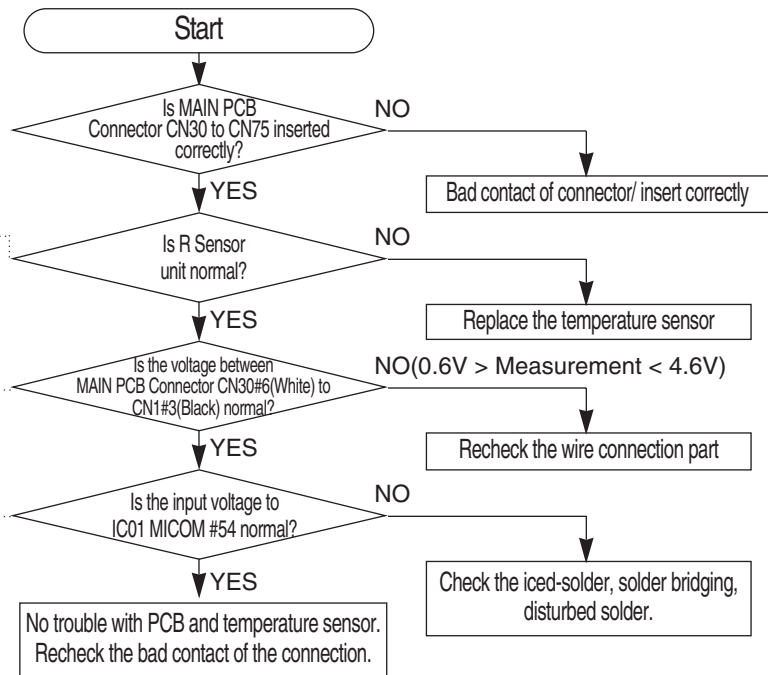
DATA1.
Temperature table

** Measuring point of resistance value according to Sensor **
R : CN30#6 ↔ CN75#1 measuring resistance value
** 0 Ω : Short trouble / ∞ Ω : Open trouble

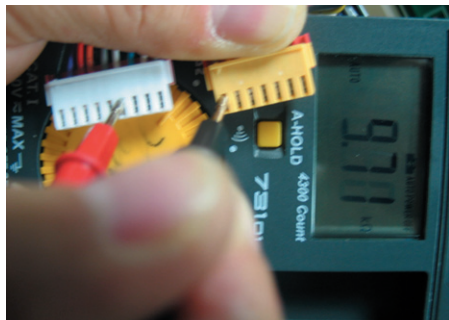
Refer to circuit diagram in the manual

Sensor MICOM/Connector number	
R	Connector CN30#6(White) to CN1#3(Black) PCB typical Ground Voltage measured between 4.6V ~ 0.6V.

Measuring voltage IC01 MICOM #54, CN30#6(White) and CN1#3(Black) from PCB typical Ground part are similar.



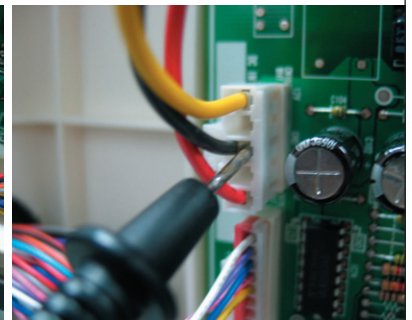
① Checking method of R Sensor resistance
CN30#6(White) ↔ CN75#1(Gray) Compare the temperature table after the measure.



② Checking method of R Sensor resistance
- Measure the voltage of Sensor Check Point #3(IC01 MICOM #54) on PCB or CN30#6(White) ↔ CN1#3(Black)
- Compare the temperature table after the measure.
Measuring voltage of CN30#6(White)↔CN1#3(Black) are below.



typical PCB Ground
CN#3(Black)



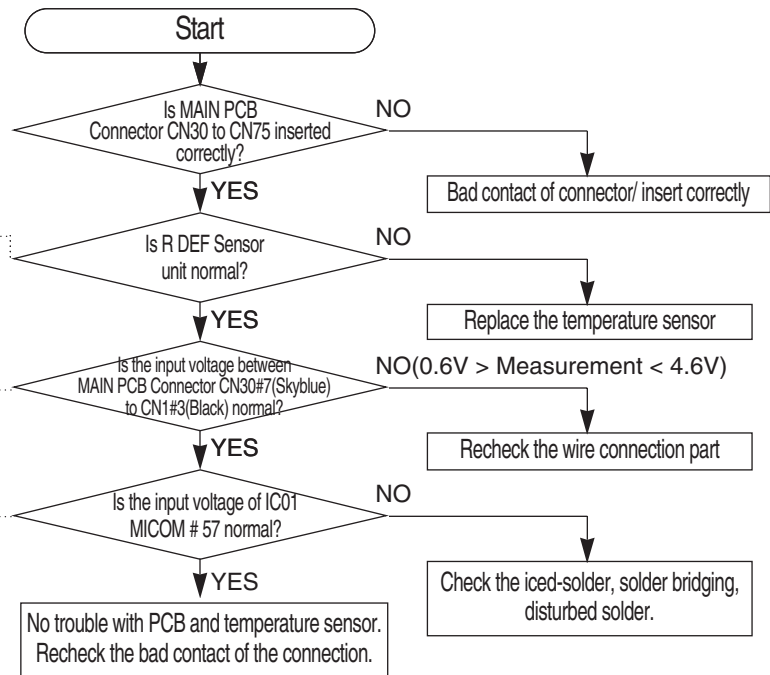
TROUBLESHOOTING

3) If R DEF Sensor has trouble

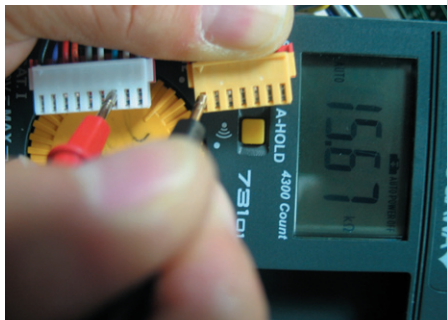
ERROR Code



DATA1.	Temperature table
** Measuring point of resistance value according to Sensor ** R-DEF : CN30#7 ↔ CN75#1 measuring resistance value ** 0 Ω : Short trouble / ∞ Ω : Open trouble	
Refer to circuit diagram in the manual	
Sensor MICOM/Connector Number	
RDEF	Connector CN30-"7"(Sky-blue) and CN1-"3"(Black) PCB common Ground Voltage measured between 4.6V ~ 0.6V.
Measuring voltage of IC01 MICOM #57, CN30#7(Sky-blue) and CN1#3(Black) from PCB typical Ground part are similar.	

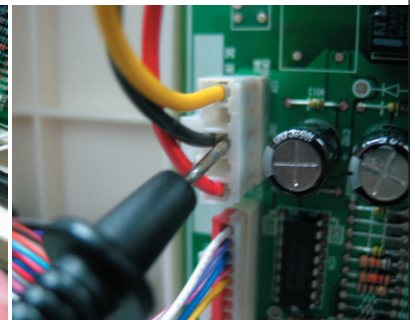


- ☞ Checking method of R Sensor resistance CN30#7(Sky-blue) ↔ CN75#1(Gray)
- Compare the temperature table after the measure.



- ☞ Checking method of R DEF Sensor resistance
- Measure the voltage of Sensor Check Point #4(IC01 MICOM #57) on PCB or CN30#7Sky-blue) ↔ CN1#3(Black)
- Compare the temperature table after the measure.

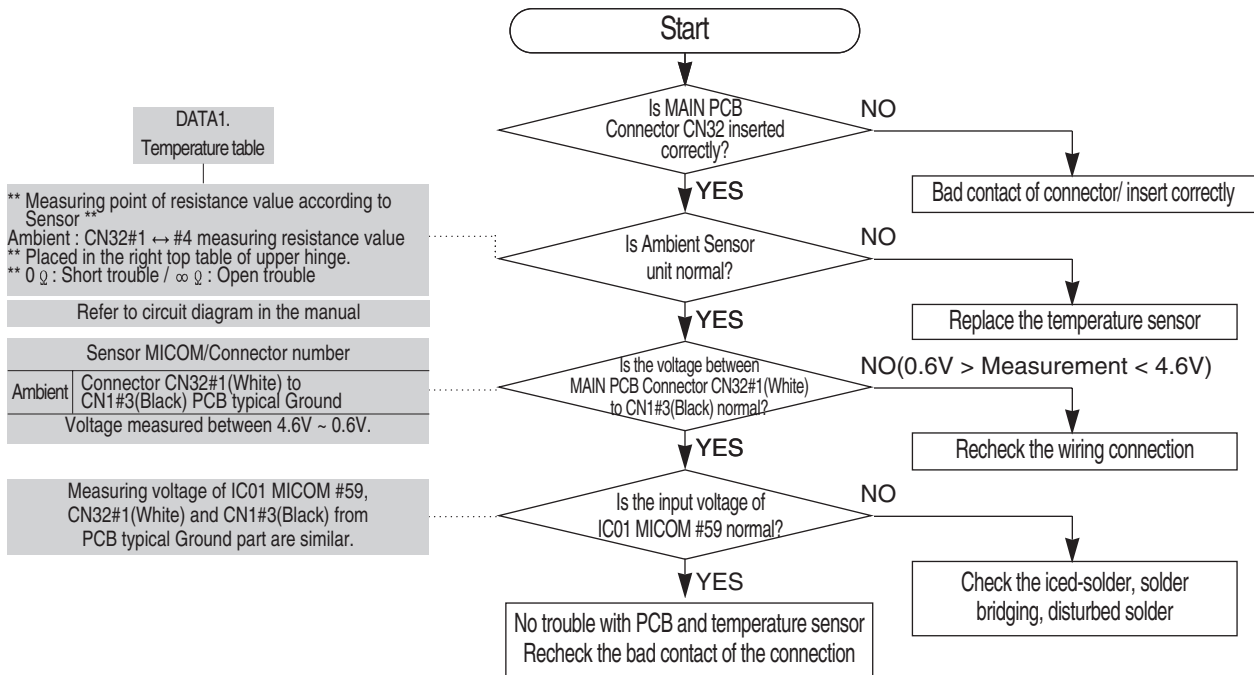
Measuring voltage of CN30#7(Sky-blue) ↔ CN1#3(Black) are below. typical PCB Ground CN1#3(Black)



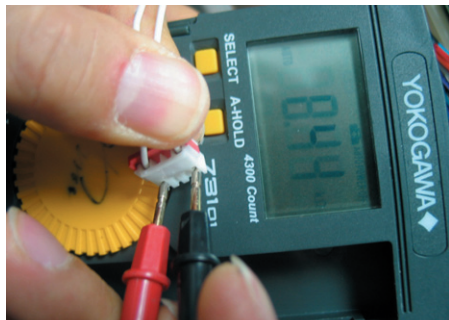
TROUBLESHOOTING

4) If Ambient Sensor has trouble

ERROR Code



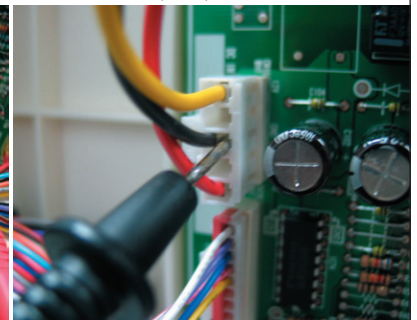
- ☞ Checking method of Ambient Sensor resistance
 CN32#1(White) ↔ #4(White)
 - Compare the temperature table after the measure



- ☞ Checking method of Ambient Sensor voltage
 - Measure the voltage of Sensor Check Point #7(IC01 MICOM #59) on PCB or CN32#1(White) ↔ CN1#3(Black)
 - Compare the temperature table after the measure
 Measuring voltage of CN32#1(White) ↔ CN1#3(Black) are below



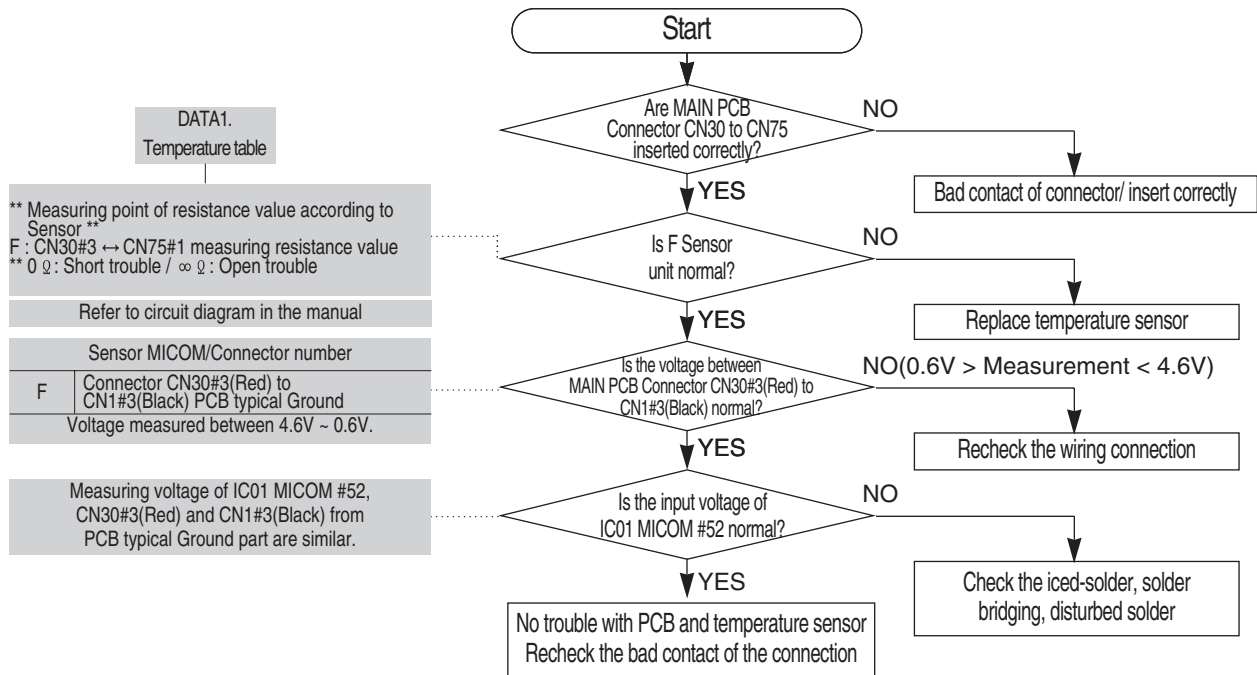
typical PCB Ground
 CN1#3(Black)



TROUBLESHOOTING

5) If F Sensor has trouble

ERROR Code

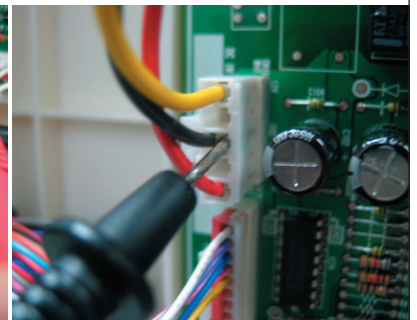


- ☞ Checking method of F Sensor resistance
CN30#3(Red) ↔ CN75#1(Gray)
- Compare the temperature table after the measure



- ☞ Checking method of F Sensor voltage
- Measure the voltage of Sensor Check Point #1(IC01COM #52) on PCB or CN30#3(Red) ↔ CN1#3(Black)
- Compare the temperature table after the measure
Measuring voltage of CN30#3(Red) ↔ CN1#3(Black) are below.

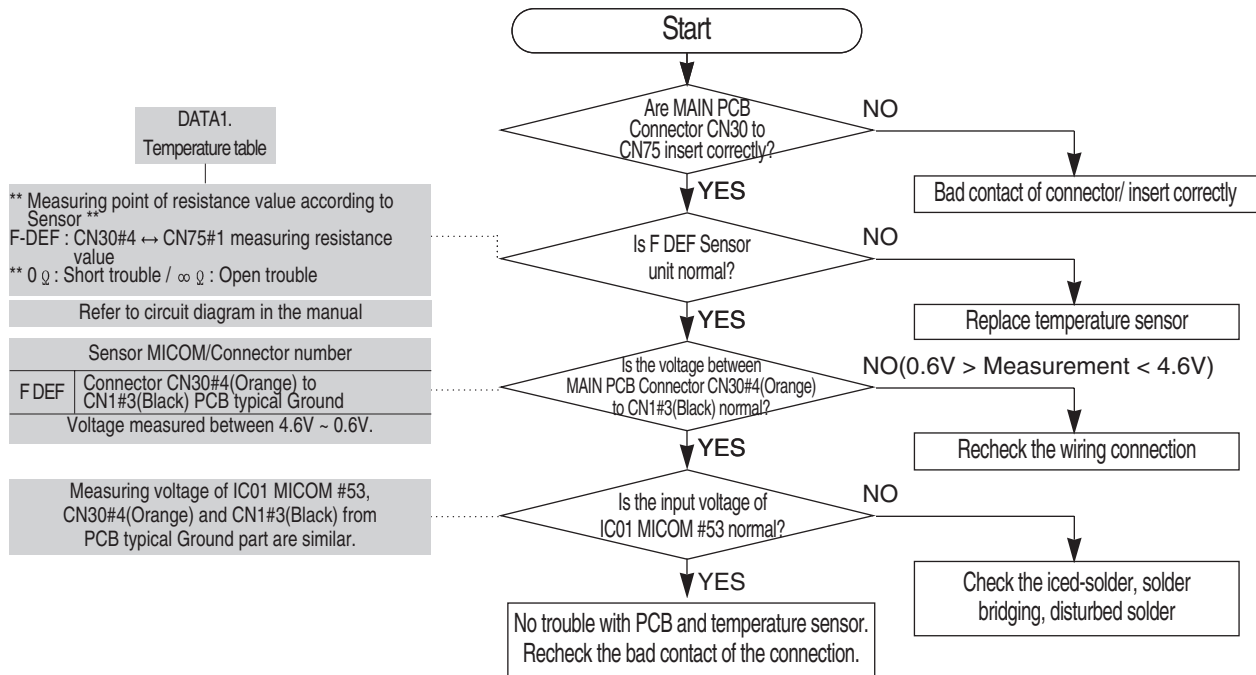
typical PCB Ground
CN1#3(Black)



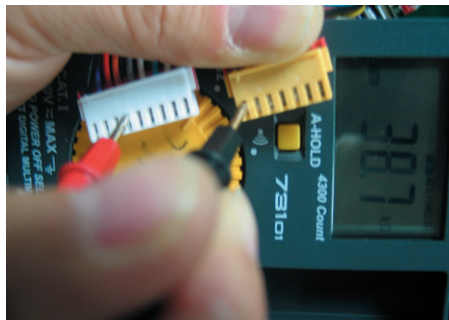
TROUBLESHOOTING

6) If F DEF Sensor has trouble

ERROR Code

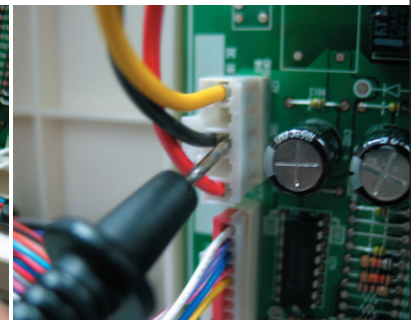


- ☞ Checking method of F DEF Sensor resistance
CN30#4(Orange) ↔ CN75#1(Gray)
- Compare the temperature table after the measure.



- ☞ Checking method of F DEF Sensor voltage
- Measure the voltage of Sensor Check Point #1 (IC01 MICOM #52) on PCB or CN30#4(Orange) ↔ CN1#3(Black)
- Compare the temperature table after the measure
Measuring voltage of CN30#4(Orange) ↔ CN1#3(Black) are below

typical PCB Ground
CN1#3(Black)



TROUBLESHOOTING

7) If Pantry Sensor has trouble

ERROR Code



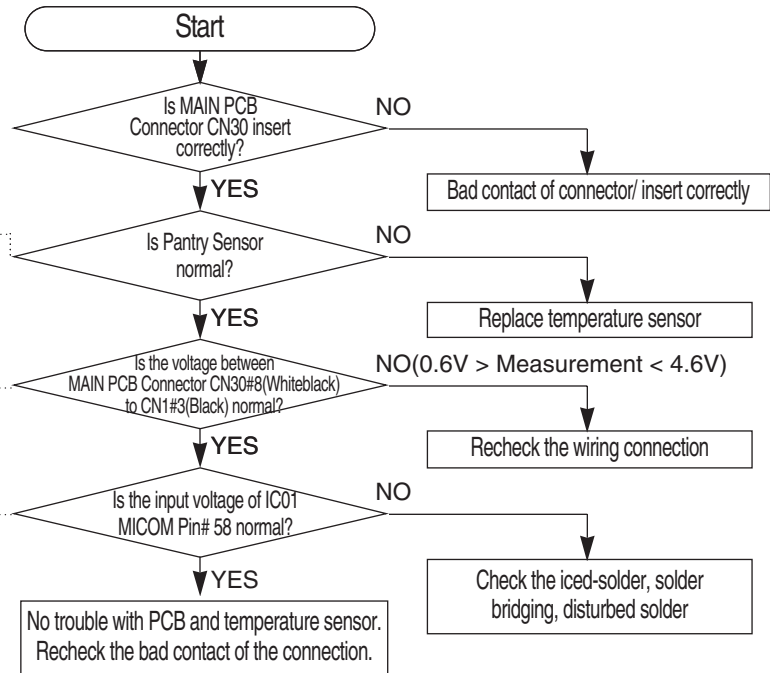
DATA1.
Temperature table

** Measuring point of resistance value according to Sensor **
Pantry : CN30#8 ↔ #9 measuring resistance value
** 0 Ω : Short trouble / ∞ Ω : Open trouble

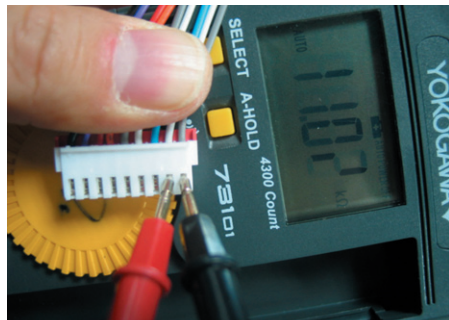
Refer to circuit diagram in the manual

Sensor MICOM/Connector number	
Pantry	Connector CN30#8(White-black) to CN1#3(Black) PCB typical Ground Voltage measured between 4.6V ~ 0.6V.

Measuring voltage of IC01 MICOM #58, CN30#8(White-black) and CN1#3(Black) from PCB typical Ground part are similar.



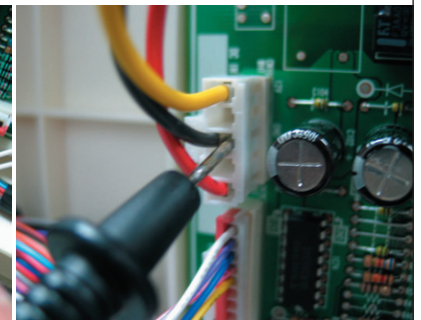
- ☞ Checking method of Pantry Sensor resistance
CN30#8(White-black) ↔ #9(Grey)
- Compare the temperature table after the measure



- ☞ Checking method of Pantry Sensor voltage
- Measuring voltage of Sensor Check Point #5(IC01 MICOM #58) on PCB or CN30#8(White-black) ↔ CN1#3(Black)
- Compare the temperature table after the measure
- Measuring voltage of CN30#8(white-black) ↔ CN1#3(Black) are below



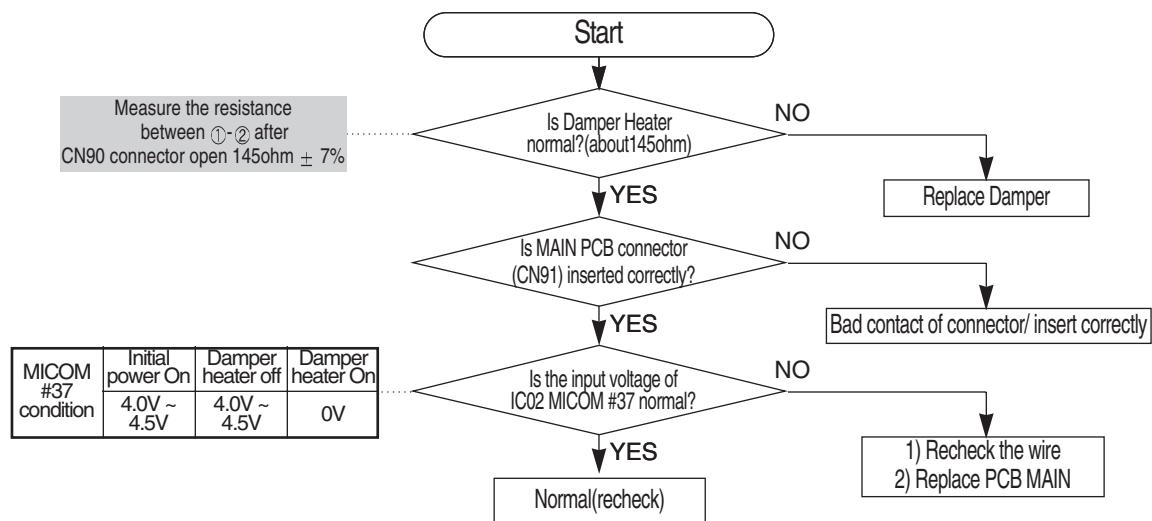
typical PCB Ground
CN1#3(Black)



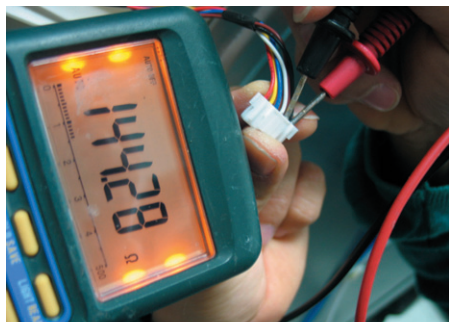
TROUBLESHOOTING

8) If Pantry Room Damper Heater has trouble

ERROR Code



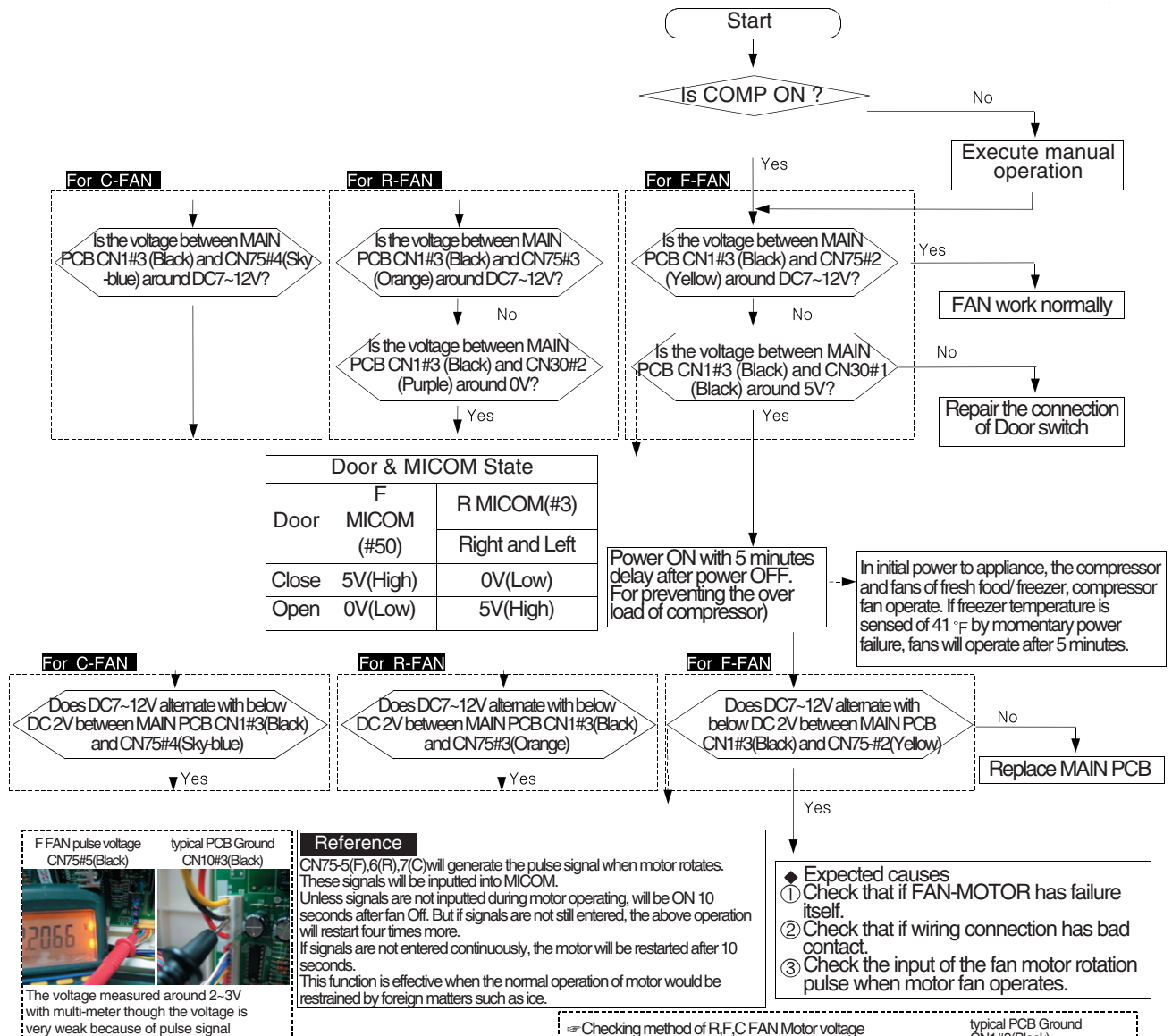
☞ Checking method of Pantry Room Damper resistance CN91#1(Black) ↔ #2(Brown)
 ** ∞ Ω : Open(wire disconnection, heater disconnection) trouble 0 Ω : Short trouble



TROUBLESHOOTING

4-2-2. If FAN does not operate

- The refrigerator of this model has BLDC FAN motor. BLDC motor is driven by DC 7~12V.
- On the normal condition of COMP ON, it operates together with F-FAN motor.
If door is opened and closed once at a high ambient temperature, it will be operated after 1 minute delay.
Therefore, you are advised not to taken it for an error.
- If there is a trouble, you should select the self-diagnostic function to check the trouble before power off.

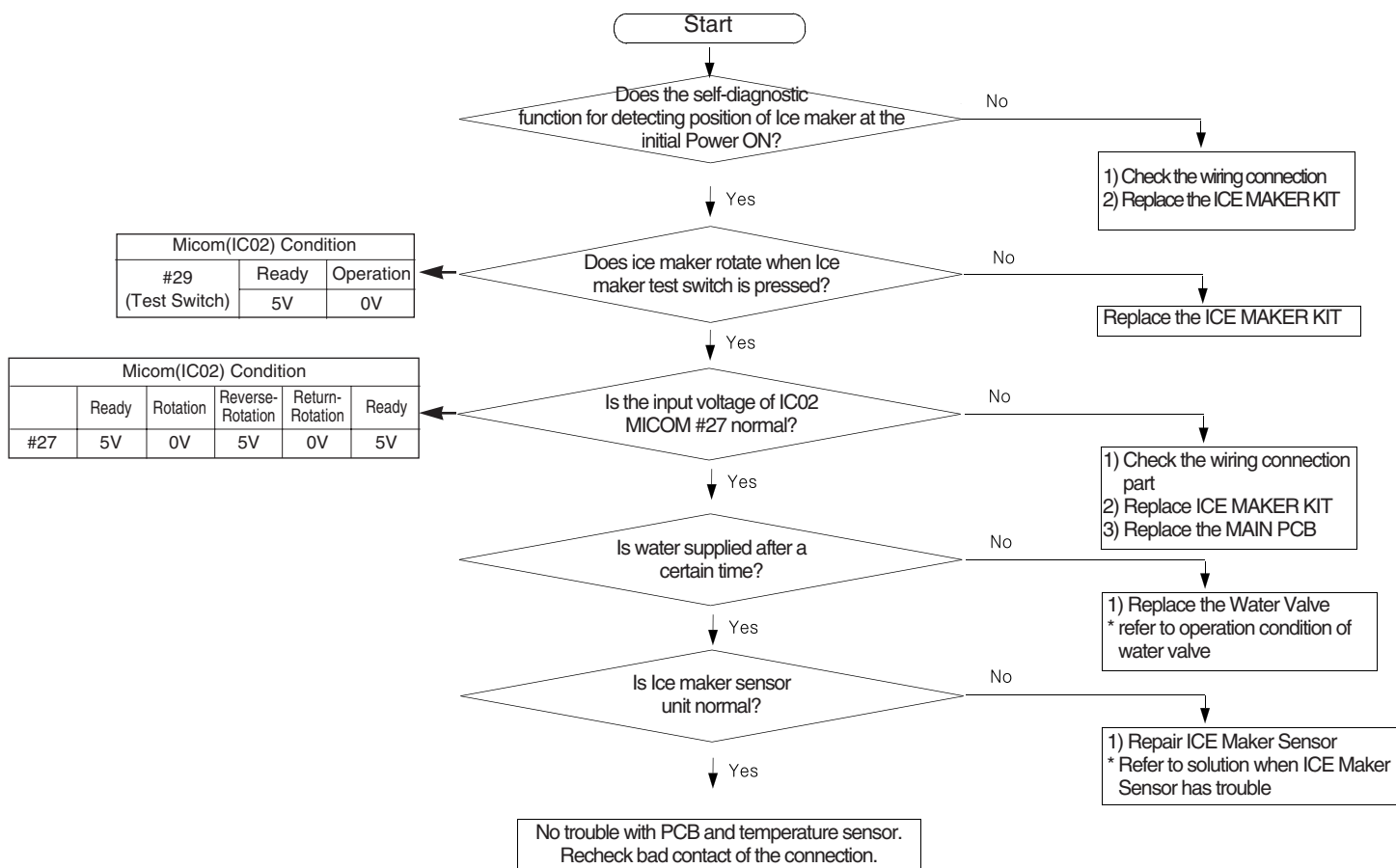


TROUBLESHOOTING

4-2-3. If ICE MAKER does not operate

1. Water is automatically supplied to the Ice maker by temperature & time and ice maker dispenses cubed or crushed ice.
2. Power is applied to one of its wires. So, refer to its exploded diagram when disassembling.
3. The operation of the Ice maker shall be checked after pressing the Ice maker test switch.
(Freezer compartment Ice Maker) It is not possible to check when the power is disengaged.

Function ERROR Code



☞ Checking method of ICE Maker voltage
The voltage between PCB typical Ground CN1#3(Black) and

1) Test switch operation(press selected) ; CN90#5(Gray) shall be DC 0V.
Waiting for test switch operation ; CN90#5(Gray) shall be less than DC 5V.

1)Test Switch operating 1)Test Switch waiting

typical PCB Ground CN1-"3"(Black)

☞ Checking method of ICE Maker voltage
The voltage between PCB typical Ground CN1#3(Black) and

2) IC02 MICOM #27 voltage : wait(5V) → rotate clockwise(0V)
→ rotate counterclockwise(5V) → horizontal condition(0V) → wait(5V)
* The voltage of MICOM #27 and Connector CN90#7(Purple) are same.

TROUBLESHOOTING

4-2-4. If defrost does not operate (F,R DEF Heater)

- If defrost has trouble, select the self-diagnostic function to detect the error of defrost heater before Power Off. (Check the function with refer to the self-diagnostic function)

R DEF ERROR



F DEF ERROR

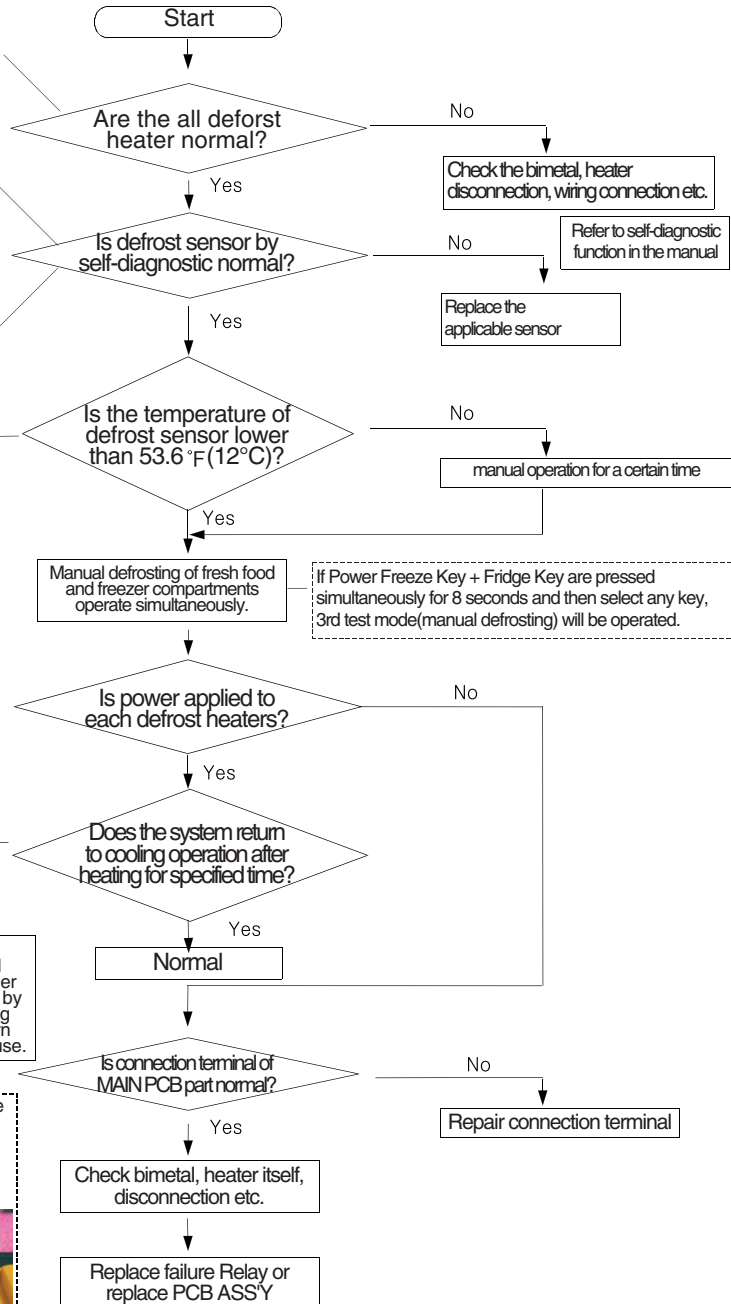


****Measuring point of resistance value according to heater****
F-DEF : CN70#9(Brown) ↔ CN71#9(Orange) measuring resistance value(55(220) ohm ± 7%)
R-DEF(Ice Pipe parallel) : CN70#7(White) ↔ CN71#9(Orange) measuring resistance value(105(407) ohm ± 7%)
**** 0 Ω : Short trouble / ∞ Ω : Open(bimetal, heater) trouble**

****Measuring point of resistance value according to sensor****
F-DEF : CN30#4 ↔ CN75#1 measuring resistance value
R-DEF : CN30#7 ↔ CN75#1 measuring resistance value
**** 0 Ω : Short trouble / ∞ Ω : Open trouble**

Resistance value of sensor according to temperature		If you need the temperature with detail, refer to DATA1. temperature table
86 °F(30 °C)	4.22 kΩ	
68 °F(20 °C)	6.05 kΩ	
50 °F(10 °C)	8.87 kΩ	
32 °F(0 °C)	13.29 kΩ	
14 °F(-10 °C)	20.42 kΩ	
-4 °F(-20 °C)	32.23 kΩ	
-22 °F(-30 °C)	52.41 kΩ	

****Measuring point of resistance value according to sensor****
F-DEF : CN30#4 ↔ CN75#1 measuring resistance value
R-DEF : CN30#7 ↔ CN75#1 measuring resistance value
**** 0V : Short trouble / 5V : Open trouble**



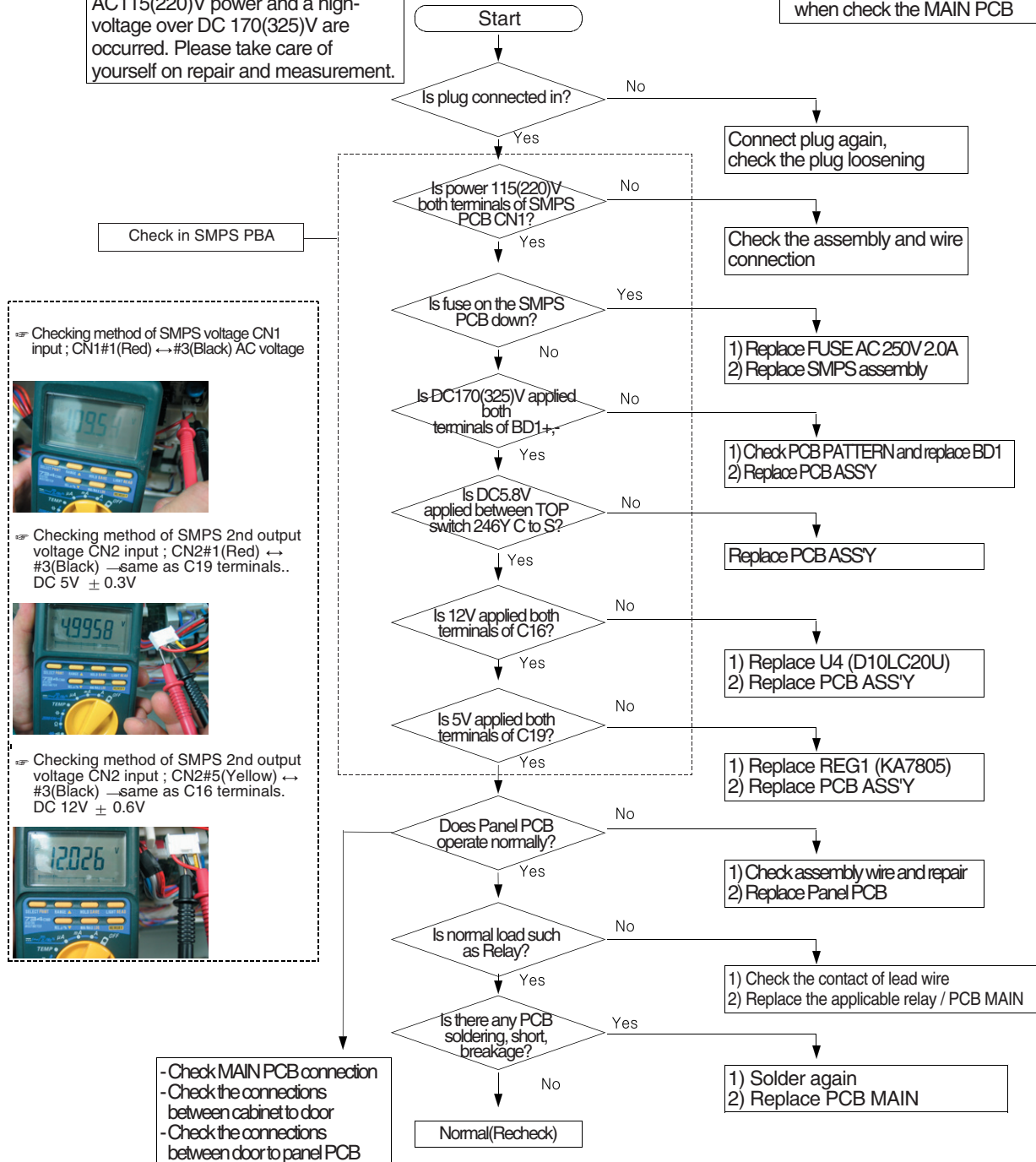
TROUBLESHOOTING

4-2-5. If Power is not supplied

Caution

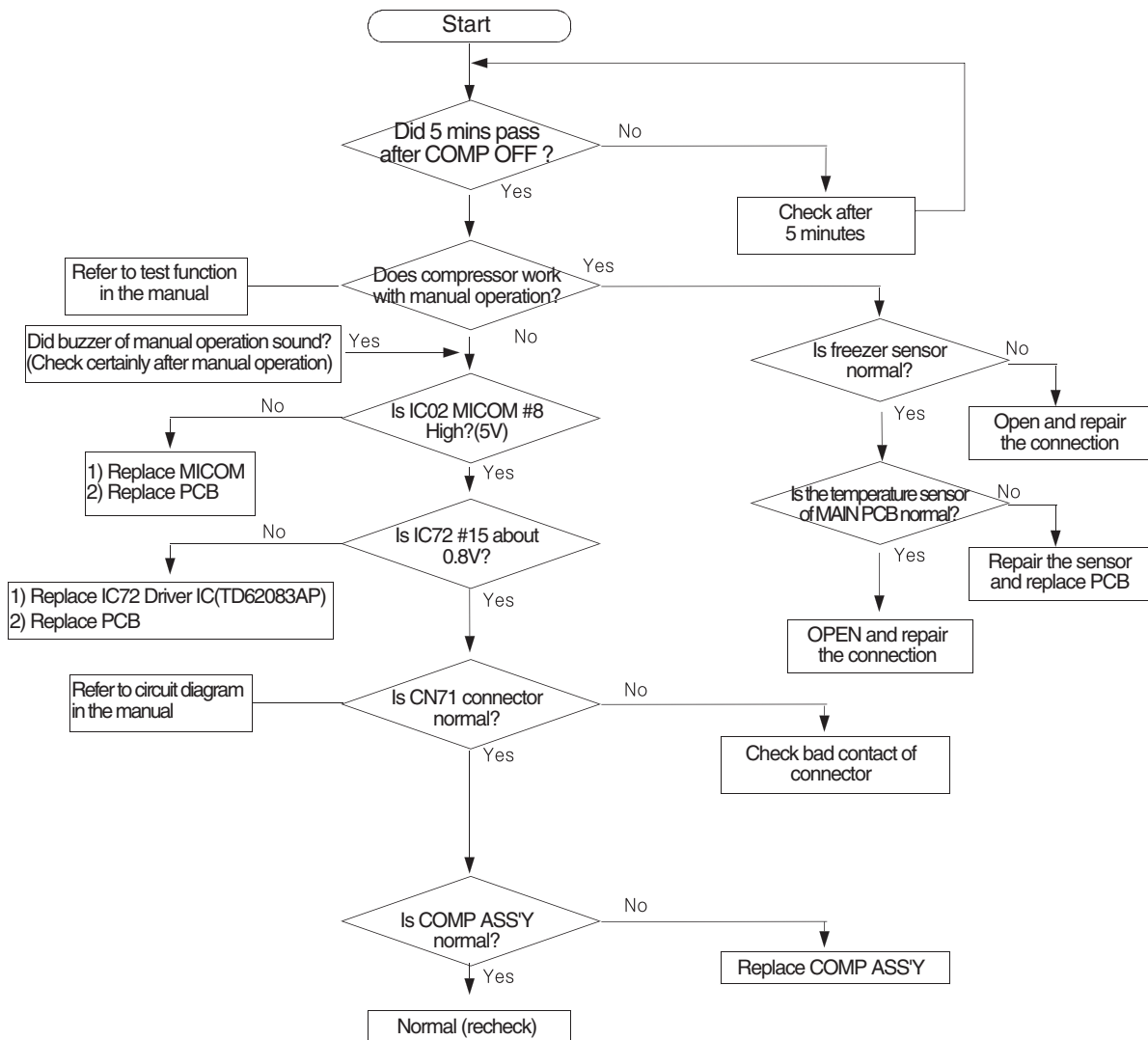
At the power of main PCB, the AC115(220)V power and a high-voltage over DC 170(325)V are occurred. Please take care of yourself on repair and measurement.

- Refer to function and reference parts in the manual when check the MAIN PCB



TROUBLESHOOTING

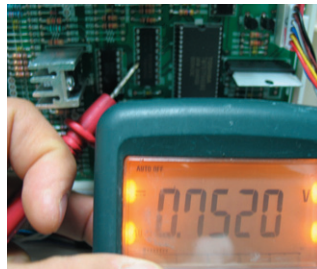
4-2-6. If compressor does not operate



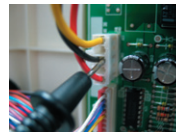
Checking method of voltage PCB typical Ground CN1#3(Black) and
1) IC02 MICOM #8 : voltage High(5V $\pm$ 0.5V)
IC02 MICOM #8, COMP operating



Checking method of voltage PCB typical Ground CN1#3(Black) and
1) IC72 #15 : Voltage Low(0V)



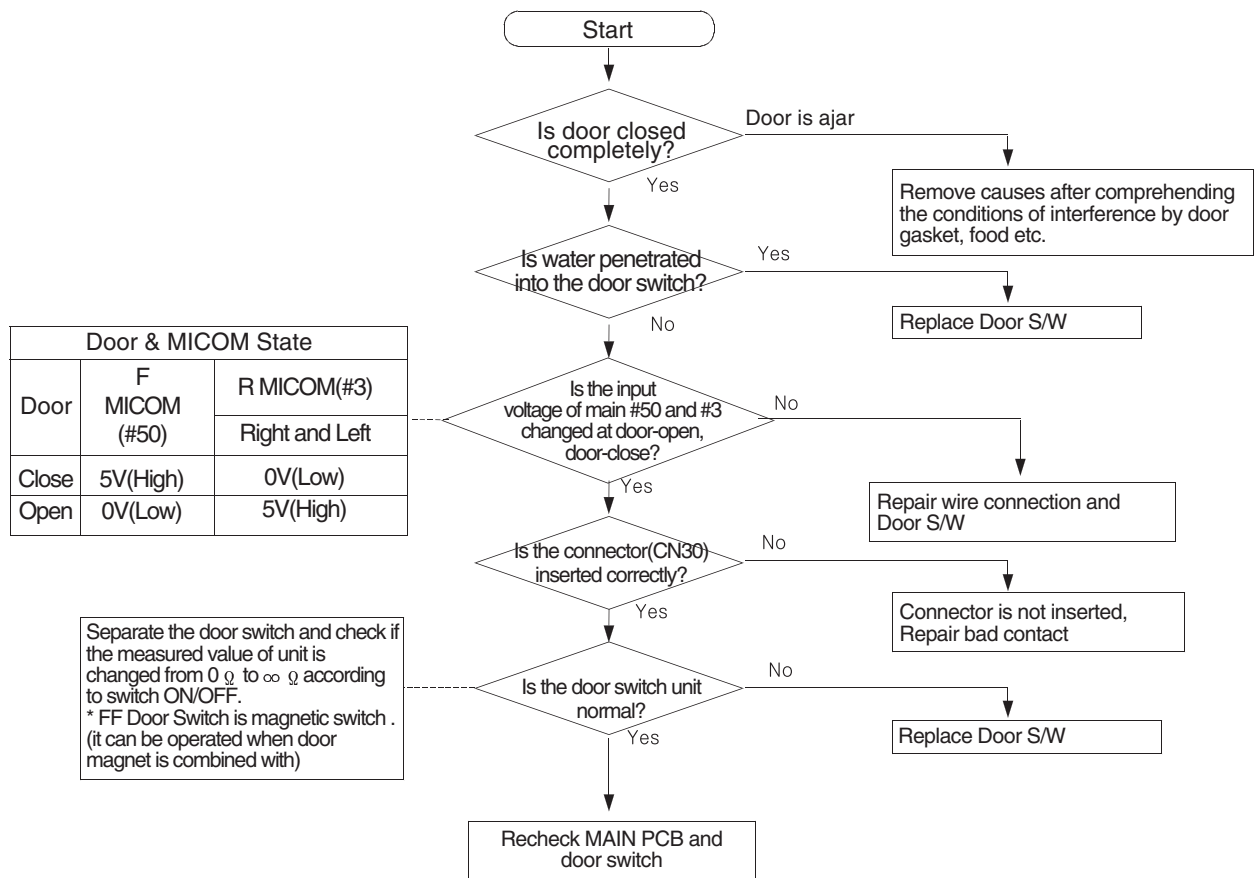
typical PCB Ground CN1#3(Black)



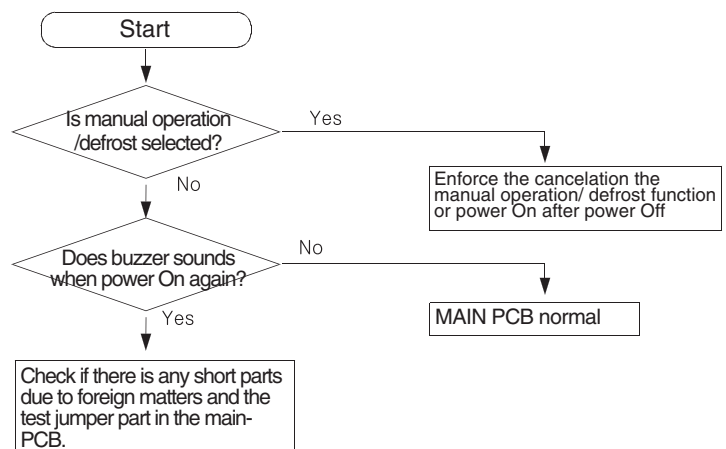
TROUBLESHOOTING

4-2-7. When alarm sound continuous without stop(related with buzzer sound)

① If 'ding-dong' sounds continuously



② If 'beep-beep' sounds continuously



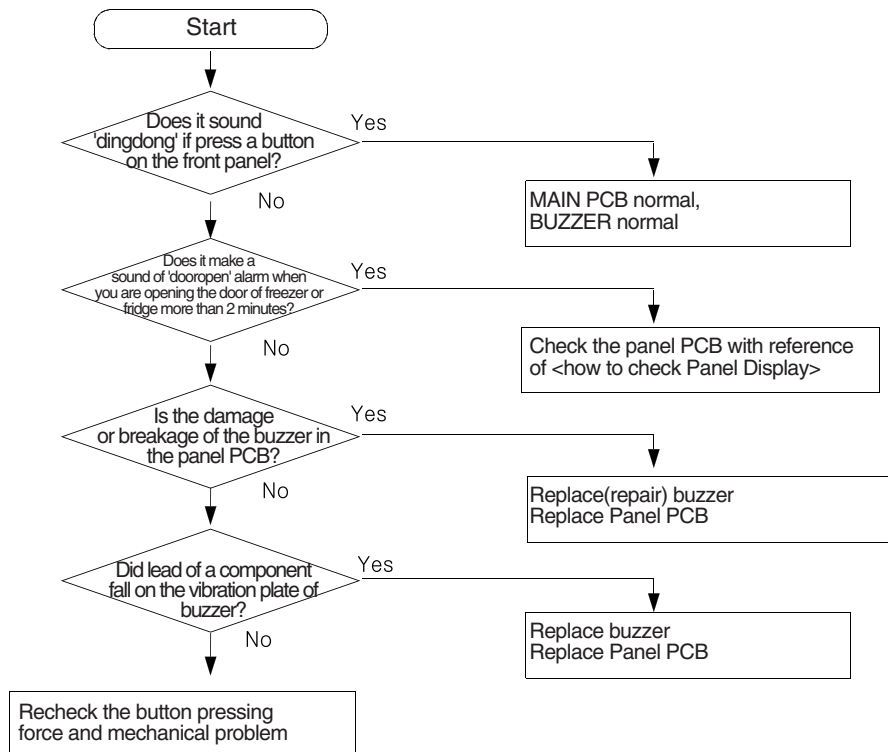
③ If buzzer does not sound

Buzzer is installed on the panel PCB in this model.

If buzzer does not sound when button is pressed, manual operation is started and door is opened, should separate panel PCB and check the breakage of buzzer and bad soldering.

It is very hard to repair the panel PCB because it consists of SMD assemblies.

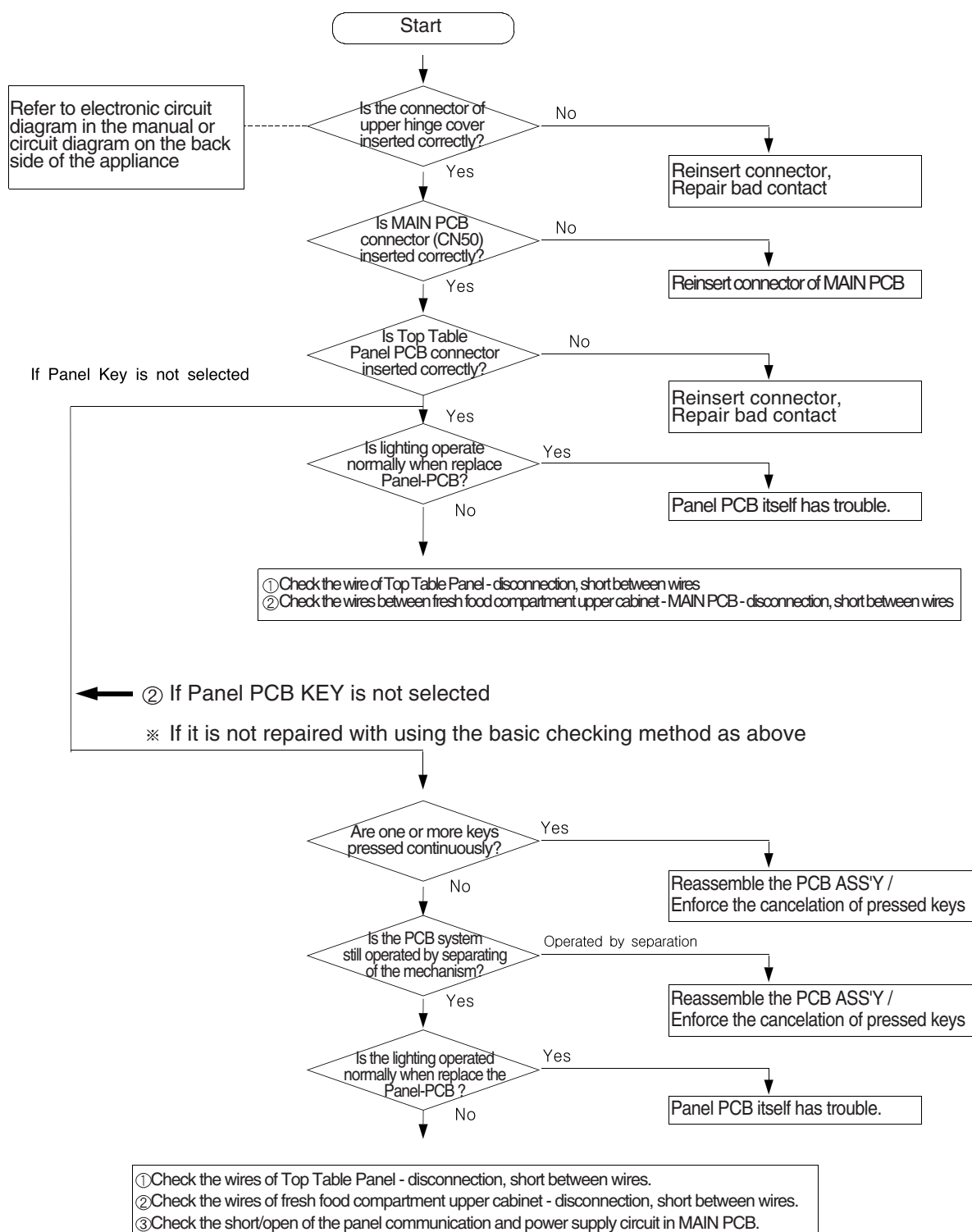
It is recommended to replace assembly PCB when the failure associated with panel is occurred except the minor error such as switch pressing error, surface peeling off and so on.



4-2-8. If Panel PCB does not work normally

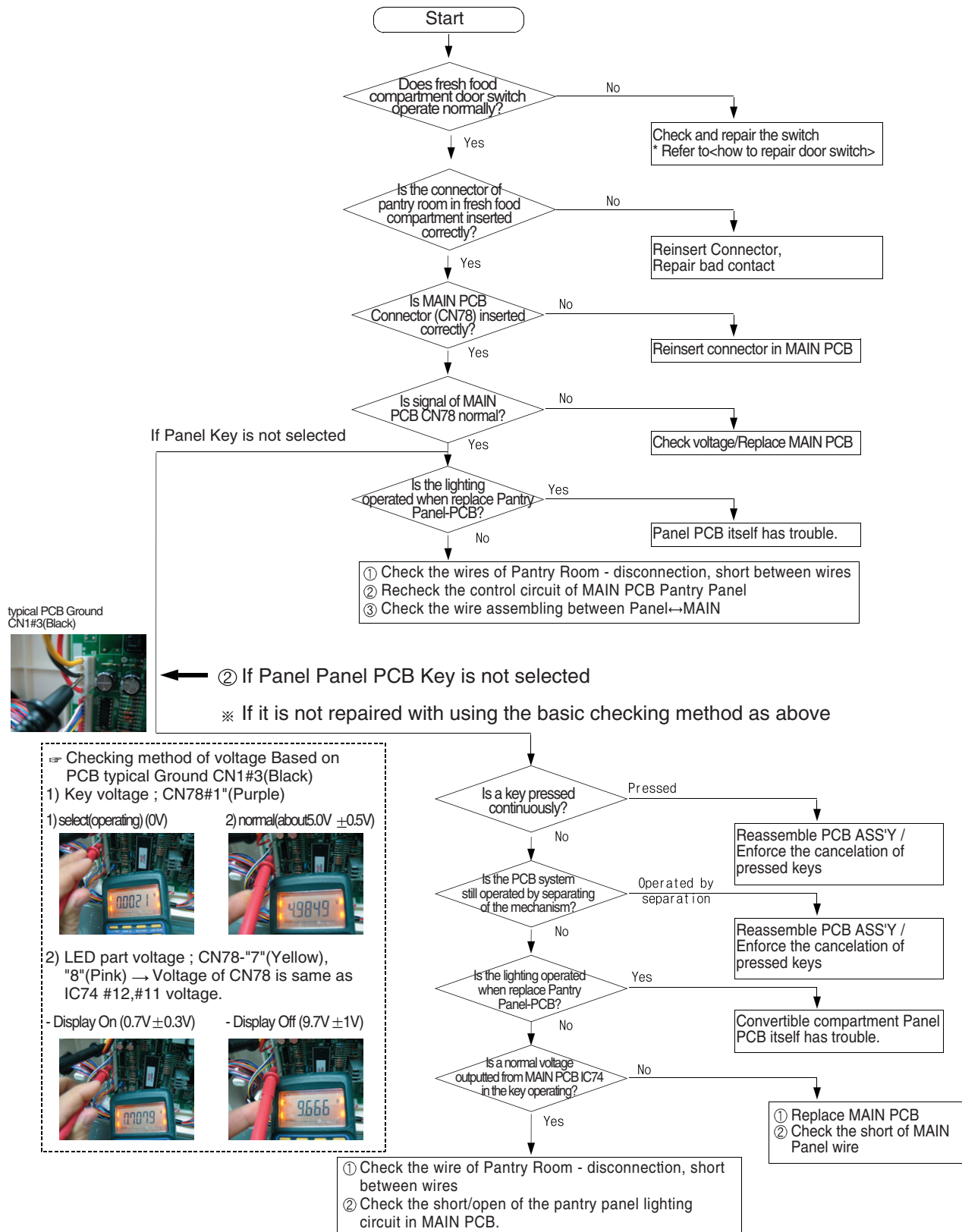
- ① When lighting of Panel PCB is disabled or only some LED Lamp are disabled

Be careful to repair because display of this model is installed in the MICOM of internal PCB. It is recommend to replace PCB MAIN after checking except specified solder touch.



4-2-9. If Pantry Panel PCB is not working normally

You should check the display after door opening because the display of this model operates only when the fresh food compartment door is opened.

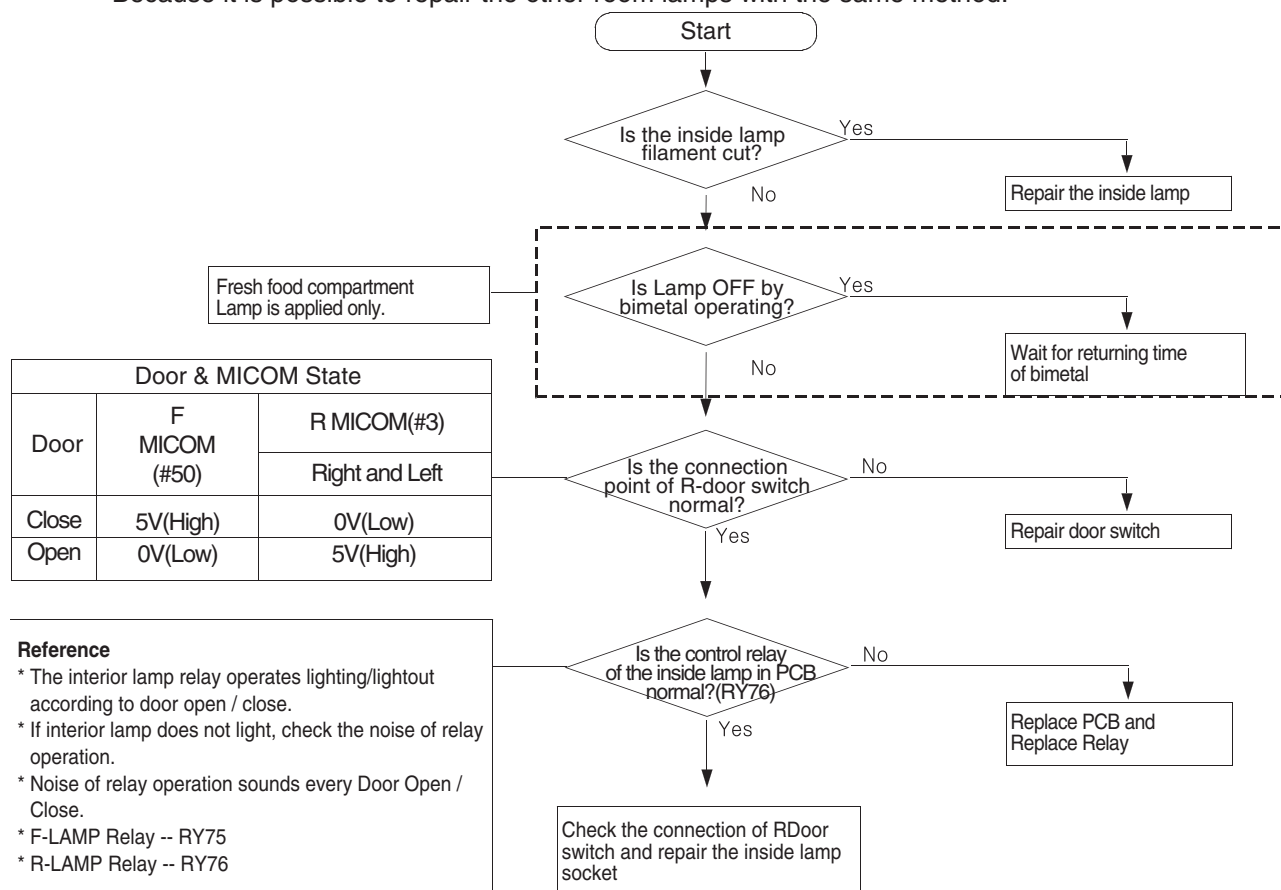


TROUBLESHOOTING

4-2-10. When refrigerator ROOM Lamp does not light up

1. When you replace the lamp of freezer, please power OFF to avoid an electric shock.
2. Please keep in mind you could get burnt by the excessive heating of an incandescent light bulb.
3. Bimetal is installed in the refrigerator LAMP. Check that if LAMP may be OFF by bimetal.

※ The case of fresh food compartment(room) lamp will be explained only.
Because it is possible to repair the other room lamps with the same method.



Reference

If the door is opened, the contact of door switch will be opened and MICOM will get applied 5V to finally sense Open. If 5V has been sensed over two minutes afterwards, Door-Open alarm will sound 'Ding-Dong' for 10 seconds in a oneminute cycle. For that reason, if the door switch has failure, the refrigerator can make a "Ding-Dong" sound per a oneminute cycle. Please note the step for its service.

When measure lamp resistance to the Wire
→ Resistance can be changed by Lamp input voltage.
(Actual measurement is below, it can be changed by performance)



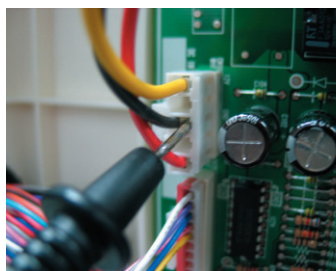
Fresh food compartment lamp
CN70#1(Red) ↔ CN71#1 (Blue) ;
10(33)Ohm ± 3 Ohm
Lamp ; 60W + 60W



Freezer compartment lamp
CN70#1(Red) ↔ CN71#3 (Purple) ;
15(66)Ohm ± 5 Ohm
Lamp ; 60W

Checking method of Door Switch voltage
- Measuring voltage of Sensor Check Point #5(IC01 MICOM #58) on PCB or CN30#8(White-black) ↔ CN75#1(Gray)
- Compare time table after measuring
Measuring voltage of CN30#8(white-black) ↔ CN75#1(Gray) are below

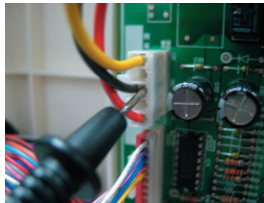
typical PCB Ground CN10#3(Black)



TROUBLESHOOTING

4-2-11. If ICE Water is not supplied

typical PCB Ground CN1#3(Black)



Checking method of voltage Based on
PCB typical Ground CN1#3(Black)
1) Check the voltage of IC73#4(same voltage
as IC02 #12)
- ICE Water valve operating (about $5V \pm 0.5V$)



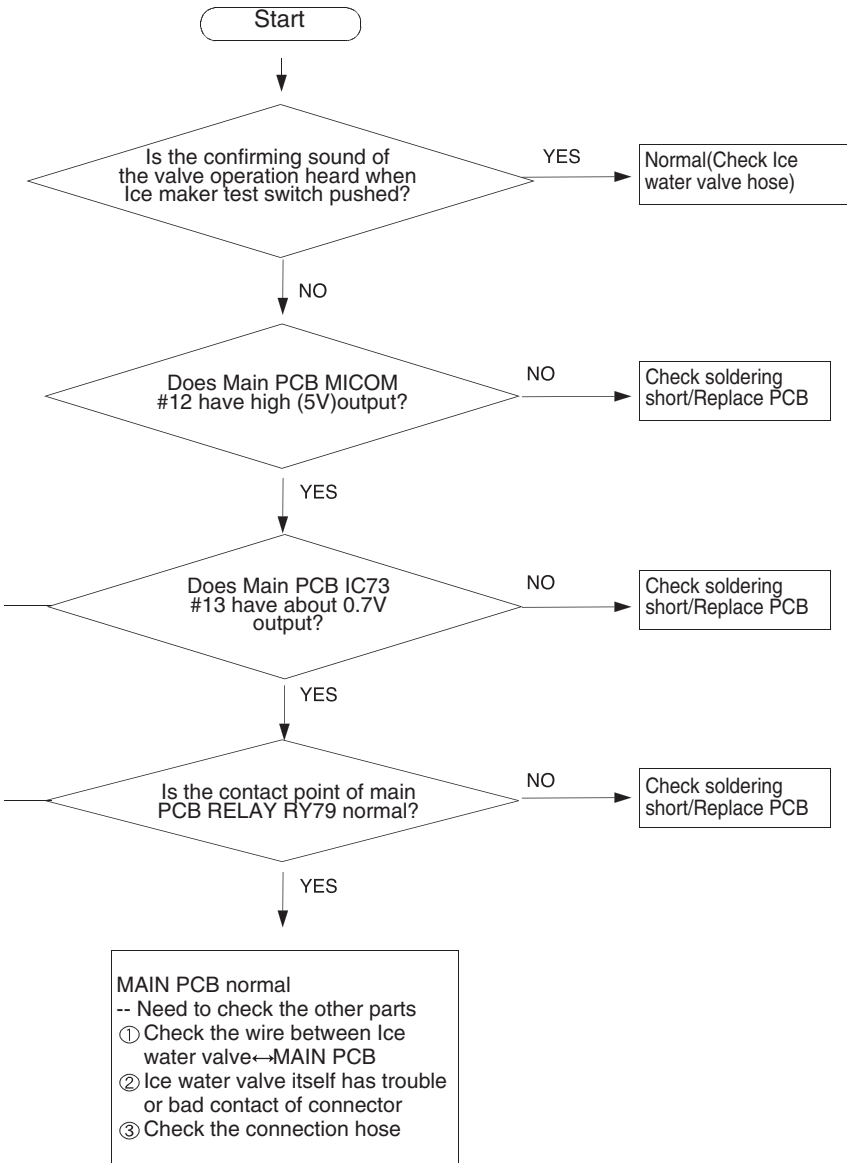
Based on PCB typical Ground CN1#3(Black)
2) IC73 #13 voltage
- ICE Water valve operating (about $0.7V \pm 0.5V$)



3) Check the voltage of ICE Water Valve
operating(AC voltage)
=> For checking the Relay RY79 operating.
CN70#1(Red) ↔ CN73#7(Purple)
- ICE Water valve waiting (about AC 0V)



- ICE Water valve operating (about AC 110V $\pm 20\%$)



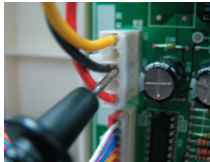
TROUBLESHOOTING

4-2-12. If Water is not supplied

☞ Checking method of Valve resistance (Must power off for checking)
Resistance can be changed by input voltage.
CN70#1 (Red) ↔ CN73#5 (White-black)
- resistance value ; 3880hm ± 7%)
** 0 Ω: Short trouble / ∞ Ω: Open trouble



typical PCB Ground CN1#3(Black)



☞ Checking method of voltage
Based on PCB typical Ground CN1#3(Black)
1) Check voltage of IC73# (same voltage as IC01#64)
- Water valve operating (about 5V ± 0.5V)



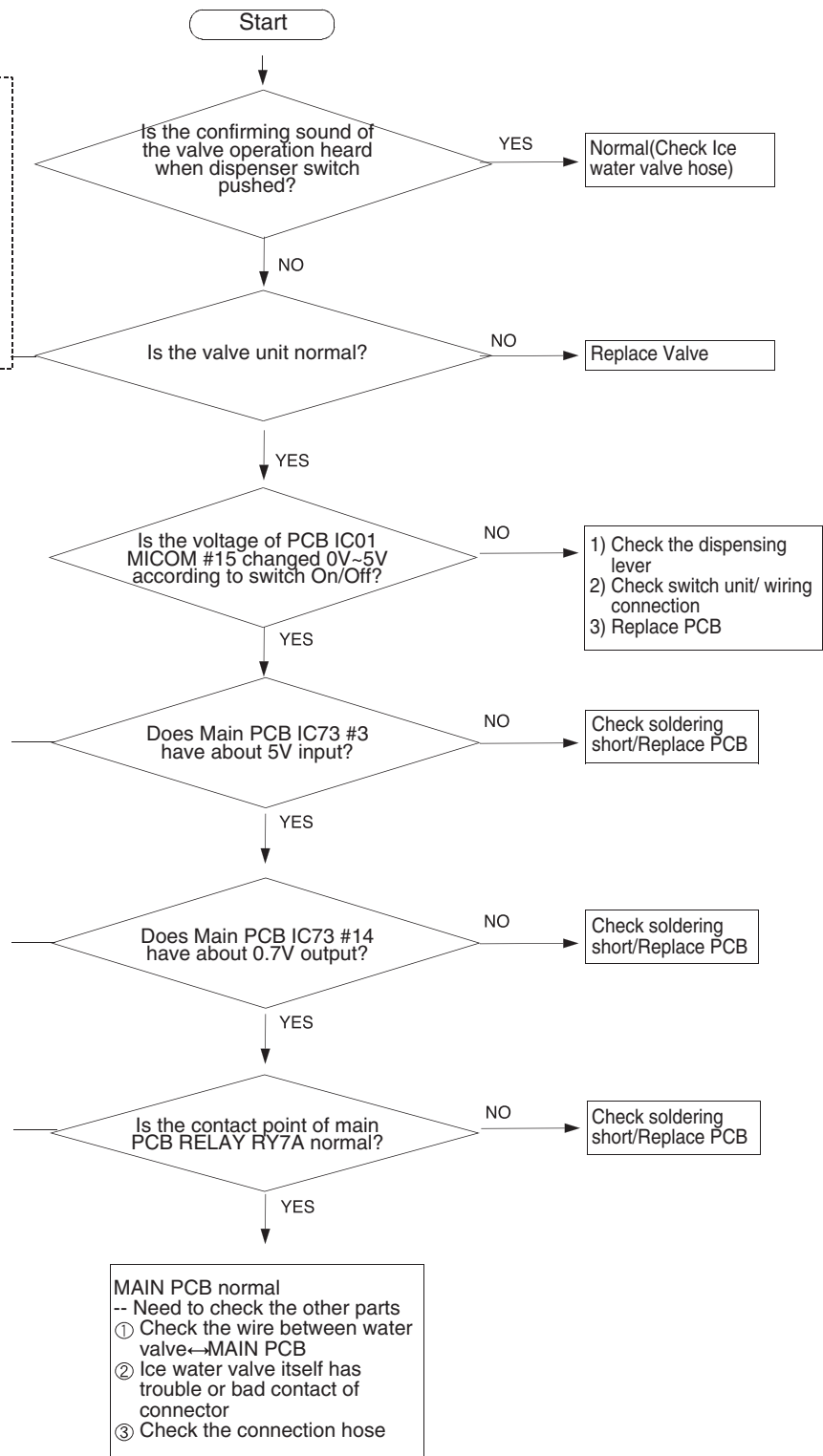
Based on PCB typical Ground CN1#3(Black)
2) IC73 #14 voltage
- Water valve operating (about 0.7V ± 0.5V)



3) Check the voltage of Water Valve operating (AC voltage)
=> For checking the Relay RY7A operating.
CN70#1(Red) ↔ CN73#5(White-black)
- ICE Water valve waiting (about AC 0V)



- ICE Water valve operating (about AC 110(230)V ± 20%)



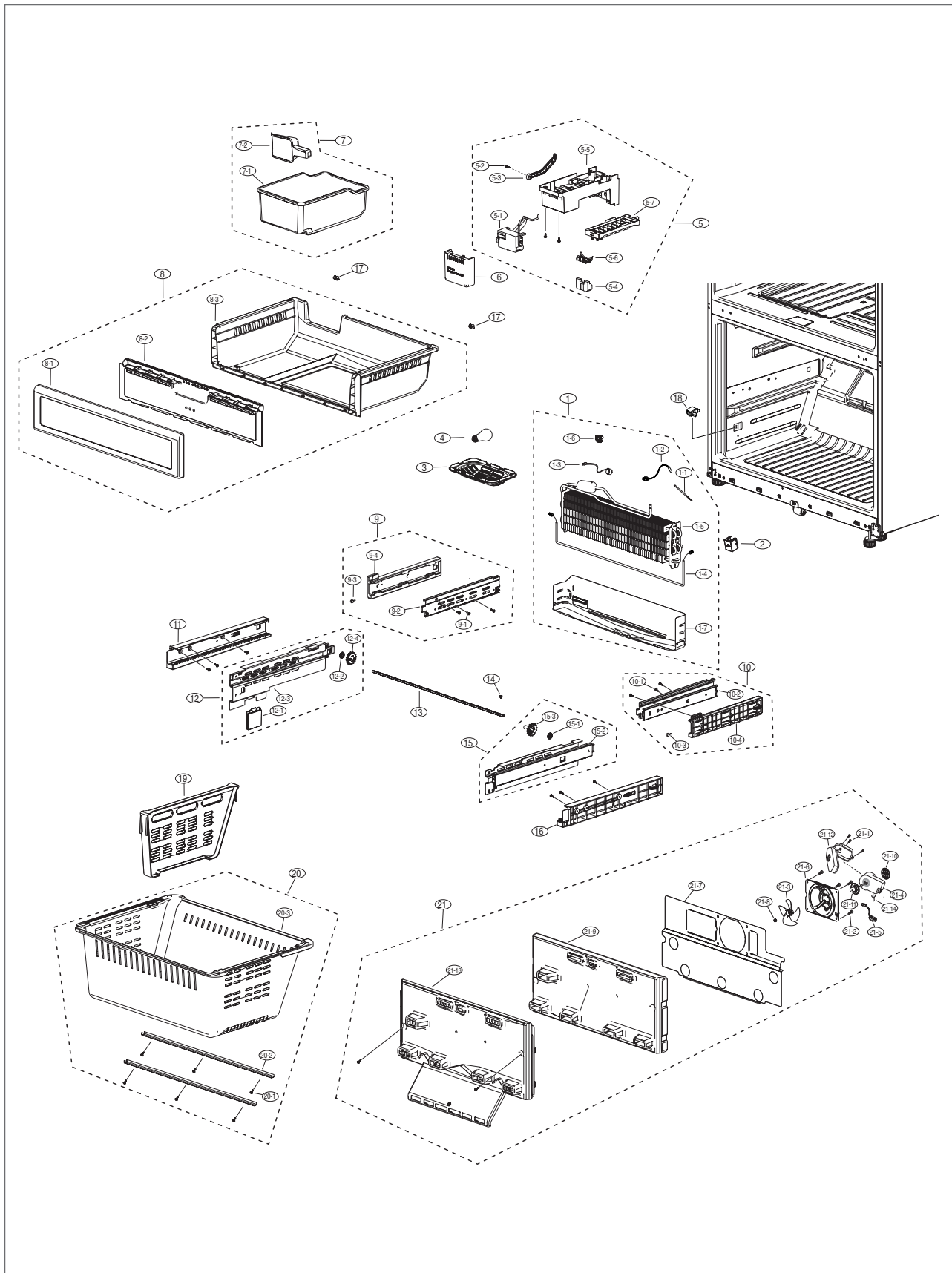
5 . EXPLODED VIEW& PARTS LIST

RF265/266

5-1) Freezer	73
5-2) Refrigerator	76
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EXPLODED VIEW & PARTS LIST

5-1) Freezer



EXPLODED VIEW & PARTS LIST

■ Parts List of Freezer

NO	CODE-NO	PART NAME	SPEC	QUAN TITY	SVC-CODE	REMARK
1	DA96-00364D	ASSY EVAP-FRE	AW-PJT,PIN,115V/240	1	RF011	
1-1	6501-000123	CABLE TIE	DACT140,W3.6,L146,NTR,NYLON66	2	RO101	
1-2	DA32-00006Q	SENSOR TEMP-F-DEF	PX41C,40~110,5V,FDEF SENSOR,YEL,500MM	1		
1-3	DA47-00243B	THERMO BIMETAL-PROTECTOR	AW-PJT(F),BT-121-M,PW-5M1N,125/250V,10/5A,60?,40?,100MΩ	1	RI074	
1-4	DA47-00244A	HEATER-METAL SHEATH	AW-PJT,240W,115V,55.1,F-ROOM	1	RF030	
1-5	DA59-00358A	EVAP FRE	PIN,115V,AW-PJT	1	RF011	
1-6	DA61-02901A	FIXER-SENSOR EVAP	CORE-PJT,PP,NTR	1	RI157	
1-7	DA61-03187A	PLATE-DRAIN FRE	AW-PJT,GALVANUME,T0.4	1	RF026	
2	DA63-02902B	COVER-FIXER HOUSING,V	NEXT-PJT,GALVA,T0.3,W31,L42	1	RI222	
3	DA63-03420A	COVER-LAMP FRE	AW,GPPS,NTR	1	RF031	
4	4713-001223	LAMP INCANDESCENT	120V,500mA,60W,47x84mm	1	RI081	
5	DA97-05037A	ASSY-SUPPORT ICE MAKER	AW-PJT	1	RM023	
5-1	DA59-00294A	ICE MAKER-ASSY	NTGN,DC12V	1	RM001	
5-2	DA60-10132A	SCREW-TAPPING	PH,+,PI3,L15,PASS,STS430,2S	1	RS080	
5-3	DA61-00954B	GUIDE-ICE FULL	AW,ABS,NTR	1	RQ582	
5-4	DA61-01800A	FIXER-SENSOR(ICE MAKER)	AD,URETHANE	1	RM027	
5-5	DA61-03213B	SUPPORT-ICE MAKER	AW-PJT,HIPS,NTR	1	RM010	
5-6	DA63-02183A	COVER-SENSOR	AD,PP,T1.0,WHITE	1	RI021	
5-7	DA63-02284B	TRAY ICE	AD,PP,NTR,BJ73SLW180	1	RM011	
6	DA63-03613A	COVER-ICE MAKER	AW-PJT,HIPS,COOL WHITE	1	RM003	
7	DA97-04845A	ASSY CASE-ICE CUBE	AW-PJT	1		
7-1	DA61-03189A	CASE-ICE CUBE	AW-PJT,PP,COOL WHITE	1	RM012	
7-2	DA67-01231A	SCOOP ICE	W2-PJT(05),PP(BJ703T4),SC02740R	1	RI247	
8	DA97-04849A	ASSY TRAY-FRE UPP	AW-PJT	1		
8-1	DA63-03435A	COVER-TRAY FRE UPP A	AW-PJT,HIPS,COOL WHITE	1	RI064	
8-2	DA63-03436A	COVER-TRAY FRE UPP B	AW-PJT,GPPS	1	RI062	
8-3	DA63-03437A	TRAY-FRE UPP	AW-PJT,HIPS,COOL WHITE	1	RI064	
9	DA97-04834B	ASSY RAIL-SLIDE UPP L	AW-PJT	1	RI177	
9-1	6002-000458	SCREW-TAPPING	FH,+,2,M4.0,L14,PASS,STS304	1	RS059	
9-2	DA61-03334A	RAIL-SLIDE UPP L	AW-PJT,STS430	1	RI187	
9-3	DA63-40167A	GROMMET-COVER SLIDE	T3.0,SILICON,NTR	1	RI220	
9-4	DA63-03416A	COVER-RAIL UPP L	AW,HIPS,COOL WHITE	1	RI225	
10	DA97-04833A	ASSY RAIL-SLIDE UPP R	AW-PJT	1	RI178	
10-1	6002-000458	SCREW-TAPPING	FH,+,2,M4.0,L14,PASS,STS304	1	RS059	
10-2	DA61-03159A	RAIL-SLIDE UPP R	AW-PJT,STS430	1	RI188	
10-3	DA63-40167A	GROMMET-COVER SLIDE	T3.0,SILICON,NTR	1	RI220	
10-4	DA63-03417A	COVER-RAIL UPP R	AW-PJT,HIPS,COOL WHITE,	1	RI226	
11	DA63-03414A	COVER-RAIL LOW L	AW-PJT,ABS,COOL WHITE	1	RI223	
12	DA97-04836A	ASSY RAIL-SLIDE LOW L	AW-PJT	1	RI171	
12-1	DA34-00047A	SWITCH PRESSURE	AW-PJT,HIPS,COOL WHITE	1	RO151	
12-2	DA61-03154A	FIXER-GEAR	AW-PJT,POM,NTR	1	RI170	
12-3	DA61-03158A	RAIL-SLIDE LOW L	AW-PJT,STS430	1	RI184	
12-4	DA66-00436A	GEAR-L	AW-PJT,POM,NTR	1	RI242	
13	DA66-00437A	SHAFT-GEAR	AW-PJT,SM25C	1	RI244	
14	DA67-00859C	CAP-DOOR HANDLE	CORE,POM,-,-,INOX,SC-06034R	1	RD059	
15	DA97-04835A	ASSY RAIL-SLIDE LOW R	AW-PJT	1	RI173	
15-1	DA61-03154A	FIXER-GEAR	AW-PJT,POM,NTR	1	RI170	
15-2	DA61-03333A	RAIL-SLIDE LOW R	AW-PJT,STS430	1	RI185	
15-3	DA66-00435A	GEAR-R	AW-PJT,POM,NTR	1	RI243	
16	DA63-03415A	COVER-RAIL LOW R	AW-PJT,ABS,COOL WHITE	1	RI224	
17	DA61-03190A	FIXER-TRAY FRE UPP	AW-PJT,PP,NTR	2	RF122	
18	DA34-10120E	SWITCH DOOR-F	slide,250V,0.5A,cool white	1	RF041	

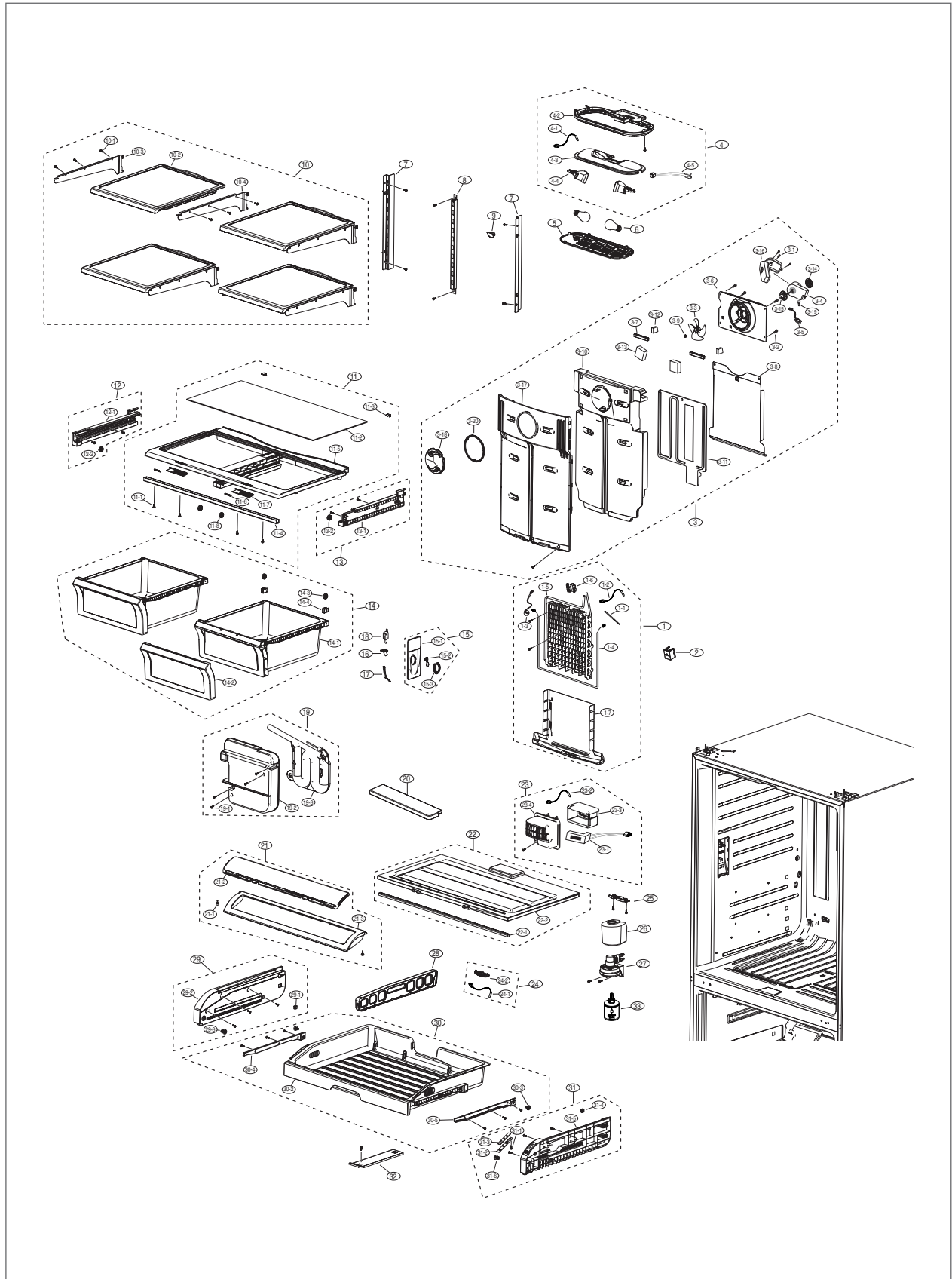
EXPLODED VIEW& PARTS LIST

■ Parts List of Freezer

[illegible]

EXPLODED VIEW & PARTS LIST

5-2) Refrigerator



EXPLODED VIEW & PARTS LIST

■ Parts List of Refrigerator

NO	CODE-NO	PART NAME	SPEC	QUAN TITY	SVC-CODE	REMARK
1	DA96-00365E	ASSY EVAP-REF	AW-PJT(265,266),115V/120W,-,-,-	1	RI016	
1-1	6501-000123	CABLE TIE	DACT140,W3.6,L146,NTR,NYLON66	2	RO101	
1-2	DA32-00006S	SENSOR TEMP-R-DEF	PX41C,502AT,AW-PJT,40~110,5V,RDEF SENSOR,YEL,400MM	1		
1-3	DA47-00243C	THERMO BIMETAL-PROTECTOR	AW-PJT(R),BT-121-M,PW-5M1N,125/250V,10/5A,60?,40?,100MΩ	1	RI074	
1-4	DA47-00244B	HEATER-METAL SHEATH	AW-PJT,120W,115V,110.2?,RROOM	1	RF030	
1-5	DA97-00357B	EVAP REF	AW-PJT	1	RI016	
1-6	DA61-00453A	FIXER-SENSOR	ATOP,EVAP,PP,NTR,ALL	1	RM017	
1-7	DA61-03188A	PLATE-DRAIN REF	AW-PJT,GALVANUME,T0.4,	1	RF026	
2	DA63-02902B	COVER-FIXER HOUSING,V	NEXT-PJT,GALVA,T0.3,W31,L42	1	RI222	
3	DA97-04939E	ASSY COVER-EVAP REF	AW-PJT(BASIC)	1	RI008	
3-1	6002-000213	SCREW-TAPPING	TH,+,1,M4,L12,ZPC(WHT),SWRCH18A	3	RS047	
3-2	6002-000215	SCREW-TAPPING	TH,+,1,M4.0,L16,ZPC(WHT),SWRCH18A	4	RS080	
3-3	DA31-00124A	FAN-AX100W4CC-T1	TD-PJT,ABS	1	RI085	
3-4	DA31-00146C	MOTOR BLDC	2950,DC12V,150mA,2.1W,MOTORBLDC	1	RI089	
3-5	DA39-00060K	WIRE HARNESS-MOTOR	ATOP,351510410,N00909204,BLDC,R,FFAN	1	RF028	
3-6	DA61-03181A	CASE-MOTOR REF	AW-PJT,BUBBLE PP,NTR	1	RF121	
3-7	DA61-03182A	GUIDE-INS EVAP REF	AW-PJT,ABS,NTR	2	RI210	
3-8	DA61-03186A	PLATE-INS EVAP REF	AW-PJT,GALVANUME,T0.4	1	RI141	
3-9	DA61-20128A	SPRING ETC-FAN	STS304,PI7.8,OD1.0,FD	1	RW716	
3-10	DA62-01381A	INSULATION-EVAP REF	AW-PJT,FOAMPS	1	RI231	
3-11	DA62-01382A	INSULATION-EVAP REAR	AW-PJT,FOAMPS	1	RI233	
3-12	DA62-01383A	INSULATION-EVAP SUB	AW-PJT,FOAMPS	2	RI232	
3-13	DA62-01423A	INSULATION-EVAP DUCT	AW-PJT,FOAMPS,T20,W44.5,L45	2	RI236	
3-14	DA63-01146A	GROMMET-MOTOR,REAR	ATOP,NBR,ID6.5,OD42,BLK,BLDC	1	RO138	
3-15	DA63-01808A	GROMMET-MOTOR,FRONT	BLDC,NBR,BLACK,H20	1	RO137	
3-16	DA63-01809A	COVER MOTOR-BLDC	BLDCNEW,PP,NTR,BJ730	1	RF083	
3-17	DA63-03430A	COVER-EVAP REF	AW-PJT,HIPS,NTR,	1	RI008	
3-18	DA63-03517A	COVER-EVAP REF SUB	AW-PJT,HIPS(HG1760SF),COOL -WHT	1	RI240	
3-19	DA63-40167A	GROMMET-COVER CHIL	T3.0,SILICON,NTR	1	RI087	
3-20	DA64-02065A	TRIM-COVER EVAP REF	AW-PJT,ABS,COOL -WHITE	1	RI241	
4	DA97-04842C	ASSY CASE LAMP-REF	AW-PJT	1	RI246	
4-1	DA32-00006T	SENSOR TEMP-R	PX-41C, 502AT,AW-PJT,-40~1	1	RI139	
4-2	DA61-03163A	CASE-LAMP REF	AW,HIPS,COOL WHITE	1		
4-3	DA61-03169A	PLATE LAMP REF	AW,SBHG1,T0.4	1	RI119	
4-4	DA47-40001D	LAMP HOLDER ASSY	E26,250V,660W,TE5006F	2	RI151	
4-5	DA47-00243D	THERMO BIMETAL PROTECTOR	AW-PJT(RLamp),BT-121-M,PW-5M1N,125/250V,10/5A,60?,40?,100MΩ	1	RI074	
5	DA63-03773A	COVER-LAMP REF	AW,PC,crystal	1	RI078	
6	4713-001223	LAMP INCANDESCENT	120V,500mA,60W,47x84mm	2	RI081	
7	DA61-03180A	ANGLE-SHELF REF SIDE	AW,SECC1,T2.0,COOL -WHITE	2		
8	DA61-03179A	ANGLE-SHELF REF MID	AW,SECC1,T2.0,COOL -WHITE	1		
9	DA67-01688A	CAP-ANGLE	AW-PJT,HIPS,COOL -WHITE	1		
10	DA97-04850A	ASSY SHELF-GLASS REF FIX	AW-PJT	4	RI248	
10-1	6002-001397	SCREW-TAPPING	TH,+,1,M4,L10,ZPC(WHT),SWRCH18A,HD6.5,HT2	6	RS080	
10-2	DA67-01606A	SHELF-GLASS REF FIX	AW,PP,INSERT	1	RI248	
10-3	DA67-01608A	SHELF-HANGER REF L	AW,SECC1,T1.6,COOL -WHITE	1	RI249	
10-4	DA67-01609A	SHELF-HANGER REF R	AW,SECC1,T1.6,COOL -WHITE	1	RI250	
11	DA97-04832A	ASSY COVER-VEG	AW-PJT	1	RI997	
11-1	6002-000213	SCREW-TAPPING	TH,+,1,M4,L12,ZPC(WHT),SWRCH18A	4	RS047	
11-2	DA01-00400A	GLASS-COVER VEG	756*343,T3.2,1 PRINT	1		
11-3	DA61-03166A	FIXER-COVER VEG	AW,HIPS,COOL -WHITE	2	RI208	
11-4	DA61-03173A	REINF-COVER VEG	AW-PJT,SHPI,T2.9,BLACK	1	RI209	
11-5	DA63-03428A	COVER-VEG REF	AW,HIPS,COOL -WHITE	1	RI010	

EXPLODED VIEW & PARTS LIST

■ Parts List of Refrigerator

NO	CODE-NO	PART NAME	SPEC	QUANTITY	SVC-CODE	REMARK
11-6	DA64-00817A	KNOB-HUMIDITY	QUEEN,ABS	2	RQ611	
11-7	DA66-00438A	LEVER-HUMIDITY	AW,HIPS,COOL -WHITE	2	RD023	
11-8	DA66-10104A	ROLLER-FRE	POM,D22	2	RW648	
12	DA97-04839A	ASSY RAIL-VEG L	AW-PJT	1	RI028	
12-1	DA61-03172A	RAIL-VEG L	AW,HIPS,COOL -WHITE	1	RI028	
12-2	DA66-10104A	ROLLER-FRE	POM,D22	1	RW648	
13	DA97-04840A	ASSY RAIL-VEG R	AW-PJT	1	RI029	
13-1	DA61-03177A	RAIL-VEG R	AW,HIPS,COOL -WHITE	1	RI029	
13-2	DA66-10104A	ROLLER-FRE	POM,D22	1	RW648	
14	DA97-04846A	ASSY CASE-VEG REF	AW-PJT	2	RI999	
14-1	DA61-03165A	CASE-VEG REF	AW,SAN,NTR	1	RI999	
14-2	DA63-03426A	COVER-VEG FRONT	AW,HIPS,COOL -WHITE	1	RI100	
14-3	DA66-10104A	ROLLER-FRE	POM,D22	2	RW648	
14-4	DA71-20145A	FIXER-ROLLER	PA	2	RH029	
15	DA97-04952B	ASSY COVER-DISPENSER	AW-PJT	1	RD026	RF266
15-1	DA63-03516B	COVER-DISPENSER	AW-PJT,HIPS,SC-02740R,COOL-WHT	1	RD032	RF266
15-2	DA64-02113A	BUTTON-COVER DISPENSER	AW-PJT,PP(BJ730),COOL -WHT,SC-02740R	1		RF266
15-3	DA73-00230A	RUBBER-COVER-DISPENSER	AW-PJT,SILICON,4 05,GRAY	1		RF266
16	DA61-03327A	FIXER-WATER HOSE	AW-PJT,PP(BJ730),COOL -WHT,SC0 -2740R	1		RF266
17	DA66-00451A	LEVER-CASE DISPENSER	AW-PJT,POM,NTR	1		RF266
18	DA34-00011A	SWITCH-MICRO	VP533AOF5,MICRO,250V,15A,PBT,GP1006F,1	1	RW782	RF266
19	DA97-05033B	ASSY-COVER WATER TANK	AW-PJT,BETTER	1		RF266
19-1	6002-000213	SCREW-TAPPING	TH,+,1,M4,L12,ZPC(WHT),SWRCH18A	2	RS047	RF266
19-2	DA63-03449A	COVER-TANK WATER	AW-PJT,PP,COOL -WHITE	1	RI044	RF266
19-3	DA97-02650F	ASSY TANK WATER	AW-PJT,BETTER	1	RI043	RF266
20	DA67-01605A	SHELF-PANTRY SUB	AW,HIPS,COOL WHITE	1	RI206	RF265
21	DA97-04831C	ASSY COVER-SLIDE PANTRY	AW-PJT	1	RI192	
21-1	DA63-40167A	GROMMET-COVER SLIDE	T3.0,SILICON,NTR	2	RI220	
21-2	DA63-03424A	COVER-SLIDE PANTRY A	AW,GPPS,NTR	1	RI199	
21-3	DA63-03425A	COVER-SLIDE PANTRY B	AW,HIPS,COOL WHITE	1	RI200	
22	DA97-04841A	ASSY SHELF-PANTRY	AW-PJT	1	RI195	
22-1	DA61-03174A	REINF-SHELF PANTRY	AW-PJT,SECC1,T1.2,COOL WHITE	1	RI204	
22-2	DA67-01604A	SHELF-PANTRY	AW,HIPS,COOL WHITE	1	RI205	
23	DA97-04856B	ASSY COVER-MOTOR DAMPER	AW-PJT	1		
23-1	DA31-00071C	ASSY DAMPER MOTOR	DC 12V,MAX 600mA,BBC-PJT	1	RI168	
23-2	DA32-00006R	SENSOR TEMP-PANTRY	PX-41C,502AT,AW-PJT	1		
23-3	DA62-01380A	INSULATION-MOTOR DC DAMPER	AW-PJT,FOAMPS,NTR	1	RI228	
23-4	DA63-03419A	COVER-MOTOR DC DAMPER	AW-PJT,PP,COOL WHITE	1	RF037	
24	DA97-02019A	ASSY COVER-SENSOR	COMBI-PJT,COOLWHITE,SC -02740R	1	RI021	
24-1	DA32-10105B	SENSOR-ASSY	TEMP CAP TYPE	1	RS126	
24-2	DA63-10467B	COVER-SENSOR	COMBI-PJT,HIPS,SC -02740R,COOL -WHITE	1	RI021	
25	DA61-03202A	GUIDE-FRENCH	AW-PJT,POM,COOL -WHITE(SC02740R)	1	RI211	
26	DA63-03685B	COVER-WATER FILTER	AW-PJT,HIPS,T3,WHT,GEN-2 6 01A	1	RI238	
27	DA97-01666Y	ASSY CASE-FILTER	AW-PJT	1	RI006	
28	DA61-03167A	GUIDE-PANTRY	AW,PP,COOL -WHITE	1	RI201	
29	DA97-04830C	ASSY COVER-RAIL PANTRY L	AW-PJT(BASIC)	1	RI190	
29-1	DA61-03176A	SUPPORT-ROLLER PANTRY	AW-PJT,NBR,NTR	1	RI207	
29-2	DA63-03422A	COVER-RAIL PANTRY L	AW,HIPS,COOL -WHITE	1	RI197	
29-3	DA97-05297B	ASSY ROLLER B	AW-PJT,Ni-Zn	1	RQ266	
30	DA97-04847D	ASSY CASE-PANTRY	AW-PJT,COOL WHITE,ROLLER(Ni-Zn)	1	RI189	
30-1	6002-000213	SCREW-TAPPING	TH,+,1,M4,L12,ZPC(WHT),SWRCH18A	6	RS047	
30-2	DA61-03164A	CASE-PANTRY	AW,HIPS,COOL -WHITE	1	RI196	

EXPLODED VIEW& PARTS LIST

■ Parts List of Refrigerator

[illegible]

5-3) Cabinet



EXPLODED VIEW & PARTS LIST

■ Parts List of Cabinet

NO	CODE-NO	PART NAME	SPEC	QUAN TITY	SVC-CODE	REMARK
1	DA90-03646B	ASSY CABINET FORM	RF265,BLACK	1		
1	DA90-03646F	ASSY CABINET FORM	RF265,-,REAL STAINLESS	1		
1	DA90-03646G	ASSY CABINET FORM	RF265,SNOW WHITE	1		
2	DA97-04901A	ASSY-TOP TABLE	AW-PJT,ABS,I-BLACK(SC-00477R)	1		
2-1	6002-000630	SCREW-TAPPING	PH,+,2S,M3,L8,ZPC(WHT),SWRCH18A,	3	RS080	
2-2	6002-001122	SCREW-TAPPING	FH,+,1,M4,L14,ZPC(WHT),SWRCH18A	2	RS059	
2-3	DA34-00043B	SWITCH REED-ASS'Y	200VDC,1.5A,	2	RO150	
2-4	DA41-00412A	PBA PANEL-LED	AWBASIC,DOOR REF,FR4,BLUE LED,12V	1	RO052	
2-5	DA61-03194B	CASE-PBA DISPLAY	AW-PJT,HIPS,NTR	1	RD011	
2-6	DA61-03331A	PLATE-TOP TABLE	AW-PJT,SBHG1,T0.3,	1	RO159	
2-7	DA64-02066A	TOP TABLE	AW-PJT,ABS(VH0815),I-BLACK(SC-00477R)	1	RO008	
2-8	DA64-02071A	BUTTON-CONTROL	AW-PJT,GPPS,NTR,	1	RD108	
2-9	DA64-02076D	INLAY-DISPLAY	AW-PJT,PC,0.3,299.5,27.5	1	RD112	
2	DA97-04901B	ASSY-TOP TABLE	AW-PJT,ABS,Creamy STS(SC-07009R)	1		
2-1	6002-000630	SCREW-TAPPING	PH,+,2S,M3,L8,ZPC(WHT),SWRCH18A,	3	RS080	
2-2	6002-001122	SCREW-TAPPING	FH,+,1,M4,L14,ZPC(WHT),SWRCH18A	2	RS059	
2-3	DA34-00043B	SWITCH REED-ASS'Y	200VDC,1.5A,	2	RO150	
2-4	DA41-00412A	PBA PANEL-LED	AWBASIC,DOOR REF,FR4,BLUE LED,12V	1	RO052	
2-5	DA61-03194B	CASE-PBA DISPLAY	AW-PJT,HIPS,NTR	1	RD011	
2-6	DA61-03331A	PLATE-TOP TABLE	AW-PJT,SBHG1,T0.3,	1	RO159	
2-7	DA64-02066B	TOP TABLE	AW-PJT,ABS(VH0815),Creamy STS(SC-07009R)	1	RO008	
2-8	DA64-02071A	BUTTON-CONTROL	AW-PJT,GPPS,NTR,	1	RD108	
2-9	DA64-02076E	INLAY-DISPLAY	AW-PJT,PC,0.25,28,300,CREAMY-STS	1	RD112	
2	DA97-04901C	ASSY-TOP TABLE	AW-PJT,ABS,Snow-White(SC-97527R)	1		
2-1	6002-000630	SCREW-TAPPING	PH,+,2S,M3,L8,ZPC(WHT),SWRCH18A,	3	RS080	
2-2	6002-001122	SCREW-TAPPING	FH,+,1,M4,L14,ZPC(WHT),SWRCH18A	2	RS059	
2-3	DA34-00043B	SWITCH REED-ASS'Y	200VDC,1.5A,	2	RO150	
2-4	DA41-00412A	PBA PANEL-LED	AWBASIC,DOOR REF,FR4,BLUE LED,12V	1	RO052	
2-5	DA61-03194B	CASE-PBA DISPLAY	AW-PJT,HIPS,NTR	1	RD011	
2-6	DA61-03331A	PLATE-TOP TABLE	AW-PJT,SBHG1,T0.3,	1	RO159	
2-7	DA64-02066C	TOP TABLE	AW-PJT,ABS(VH0815),Snow-White(SC-97527R)	1	RO008	
2-8	DA64-02071A	BUTTON-CONTROL	AW-PJT,GPPS,NTR,	1	RD108	
2-9	DA64-02076F	INLAY-DISPLAY	AW-PJT,PC,0.25,28,300,SNOW-WHITE	1	RD112	
3	DA67-01613A	CAP-TOP TABLE	AW-PJT,ABS,I-BLACK(SC-00477R)	2	RO184	
3	DA67-01613B	CAP-TOP TABLE	AW-PJT,ABS,Creamy STS(SC-07009R)	2	RO184	
3	DA67-01613C	CAP-TOP TABLE	AW-PJT,ABS,Snow-White(SC-97527R)	2	RO184	
4	DA97-04874A	ASSY HINGE UPP-L	AW-PJT,T2.9,BLACK	1	RO041	
4-1	DA60-00162A	FASTENER-RING	AW-PJT,STS304,ID5,T0.5,OD11,BLACK,	1	RO152	
4-2	DA61-03239A	HINGE-UPP L	AW-PJT,SH1,T2.9,	1	RO129	
4-3	DA61-03301A	SPRING ETC-AUTO CLOSE	AW-PJT,STS604,1.4,9.2,12,24,	1	RE084	
4-4	DA97-04903A	ASSY LEVER-AUTO CLOSE	AW-PJT,POM,i-BLACK	1	RO172	
4-5	DA63-03673A	GROMMET-LEVER	AW-PJT,NBR,-,-,-,BLACK	1	RO170	
4	DA97-04874B	ASSY HINGE UPP-L	AW-PJT,T2.9,Creamy-STS	1	RO041	
4-1	DA60-00162A	FASTENER-RING	AW-PJT,STS304,ID5,T0.5,OD11,BLACK,	1	RO152	
4-2	DA61-03239A	HINGE-UPP L	AW-PJT,SH1,T2.9,	1	RO129	
4-3	DA61-03301A	SPRING ETC-AUTO CLOSE	AW-PJT,STS604,1.4,9.2,12,24,	1	RE084	
4-4	DA97-04903B	ASSY LEVER-AUTO CLOSE	AW-PJT,POM,Creamy-STS	1	RO172	
4-5	DA63-03673A	GROMMET-LEVER	AW-PJT,NBR,-,-,-,BLACK	1	RO170	
4	DA97-04874C	ASSY HINGE UPP-L	AW-PJT,T2.9,Snow-White	1	RO041	
4-1	DA60-00162A	FASTENER-RING	AW-PJT,STS304,ID5,T0.5,OD11,BLACK,	1	RO152	
4-2	DA61-03239A	HINGE-UPP L	AW-PJT,SH1,T2.9,	1	RO129	
4-3	DA61-03301A	SPRING ETC-AUTO CLOSE	AW-PJT,STS604,1.4,9.2,12,24,	1	RE084	

EXPLODED VIEW & PARTS LIST

■ Parts List of Cabinet

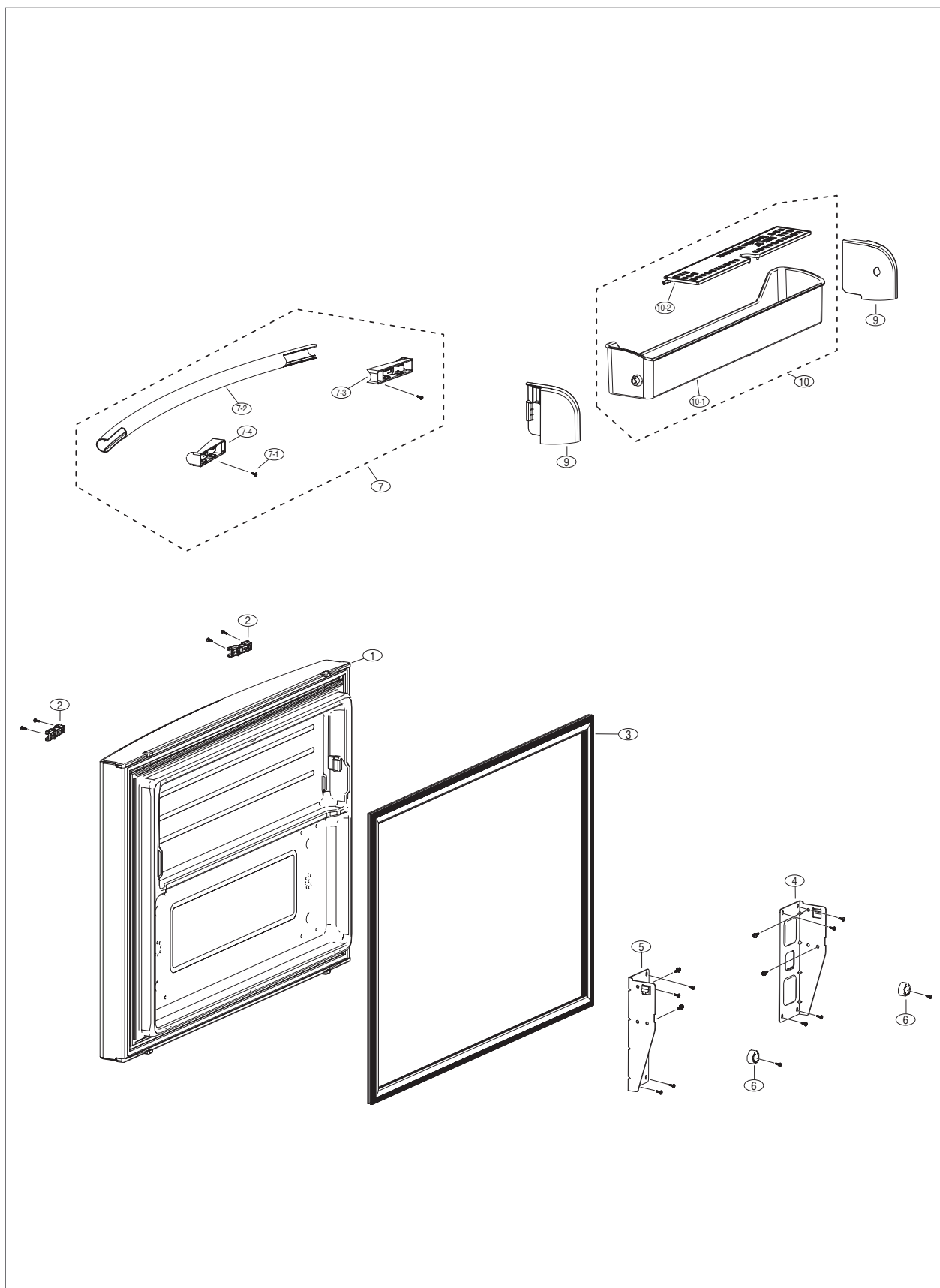
NO	CODE-NO	PART NAME	SPEC	QUANTITY	SVC-CODE	REMARK
4-4	DA97-04903C	ASSY LEVER-AUTO CLOSE	AW-PJT,POM,Snow-White	1	RO172	
4-5	DA63-03673A	GROMMET-LEVER	AW-PJT,NBR,-,-,-,-,BLACK	1	RO170	
5	DA97-04875A	ASSY HINGE UPP-R	AW-PJT,T2.9,i-BLACK	1	RO042	
5-1	DA60-00162A	FASTENER-RING	AW-PJT,STS304,ID5,T0.5,OD11,BLACK,	1	RO152	
5-2	DA61-03240A	HINGE-UPP R	AW-PJT,SHP1,T2.9,	1	RO128	
5-3	DA61-03301A	SPRING ETC-AUTO CLOSE	AW-PJT,STS604,1.4,9.2,12,24,	1	RE084	
5-4	DA97-04903A	ASSY LEVER-AUTO CLOSE	AW-PJT,POM,i-BLACK	1	RO172	
5-5	DA63-03673A	GROMMET-LEVER	AW-PJT,NBR,-,-,-,-,BLACK	1	RO170	
5	DA97-04875B	ASSY HINGE UPP-R	AW-PJT,T2.9,Creamy-STS	1	RO042	
5-1	DA60-00162A	FASTENER-RING	AW-PJT,STS304,ID5,T0.5,OD11,BLACK,	1	RO152	
5-2	DA61-03240A	HINGE-UPP R	AW-PJT,SHP1,T2.9,	1	RO128	
5-3	DA61-03301A	SPRING ETC-AUTO CLOSE	AW-PJT,STS604,1.4,9.2,12,24,	1	RE084	
5-4	DA97-04903B	ASSY LEVER-AUTO CLOSE	AW-PJT,POM,Creamy-STS	1	RO172	
5-5	DA63-03673A	GROMMET-LEVER	AW-PJT,NBR,-,-,-,-,BLACK	1	RO170	
5	DA97-04875C	ASSY HINGE UPP-R	AW-PJT,T2.9,Snow-White	1	RO042	
5-1	DA60-00162A	FASTENER-RING	AW-PJT,STS304,ID5,T0.5,OD11,BLACK,	1	RO152	
5-2	DA61-03240A	HINGE-UPP R	AW-PJT,SHP1,T2.9,	1	RO128	
5-3	DA61-03301A	SPRING ETC-AUTO CLOSE	AW-PJT,STS604,1.4,9.2,12,24,	1	RE084	
5-4	DA97-04903C	ASSY LEVER-AUTO CLOSE	AW-PJT,POM,Snow-White	1	RO172	
5-5	DA63-03673A	GROMMET-LEVER	AW-PJT,NBR,-,-,-,-,BLACK	1	RO170	
6	DA63-02905A	GROMMET HINGE-MID,R	NEXT,POM,T2.0,WHITE,	2	RO163	
7	DA97-04876B	ASSY HINGE MID-L	AW-PJT,T4.5	1	RO039	
8	DA97-04877B	ASSY HINGE MID-R	AW-PJT,T4.5	1	RO039	
9	DA61-40115B	CASTER-FRONT	SR-50,PP	1	RH009	
10	DA61-01920A	CASTER-RIVET	(ZPC2),MSWR10,OD8.0,L54	1	RH012	
11	DA97-05016A	ASSY-SUPPORT FOOT FRONT	AW-PJT	2		
11-1	DA61-00805C	FOOT-FRONT	AW-PJT,PP	1	RO001	
11-2	DA61-03217A	SUPPORT-FOOT FRONT	AW-PJT,SHP1,T4.0,BLACK	1	RO158	
12	DA63-03434A	COVER-LEG FRONT	AW-PJT,PP,i-BLACK	1	RO003	
12	DA63-03434B	COVER-LEG FRONT	AW-PJT,PP,Creamy-STS	1	RO003	
12	DA63-03434C	COVER-LEG FRONT	AW-PJT,PP,Snow-White	1	RO003	
13	DA97-02064B	ASSY CHASSIS-COMP	AD,NEXT,SBHG1,T1.4,	1	RO002	
13-1	DA60-90146A	PIN-CASTER	MSWR10,OD6.0,L40,ZPC2,SR2894	2	RH019	
13-2	DA61-40126B	CASTER-REAR	REFALL,PP,PI 44,NTR,W22,	2	RH011	
13-3	DA64-01170A	CHASSIS COMP	AD,SBHG1,T1.4,	1	RO002	
14	DA97-05043B	ASSY TRAY-DRAIN WATER	AW-PJT	1	RH003	
14-1	6009-001252	SCREW-SPECIAL	PH,+,M4.0,L20(12),ZPC(WHT),SWRCH18A	2	RQ747	
14-2	DA63-03450A	TRAY-DRAIN WATER	AW-PJT,PP,NTR,	1	RH003	
14-3	DA63-40128A	GROMMET-SUB COND	,NBR,DARKGRAY	2	RH022	
14-4	DA63-40171B	GROMMET-SUCT PIPE A	,NBR,OD20,ID4,L20,BLK	2	RH033	
14-5	DA97-03145K	ASSY SUPPORT-CIRCUIT MOTOR	AW-PJT	1	RO132	
14-5-1	6003-000003	SCREW-TAPTITE	BH,+,B,M4,L10,ZPC(BLK),SWRCH18A,	2	RS080	
14-5-2	DA31-00146D	MOTOR BLDC	,1500,DC12V,250mA,2.5W,MOTORBLDC,	1	RI089	
14-5-3	DA61-02349B	SUPPORT-CIRCUIT MOTOR	NEXT,ABS,NTR,	1	RF033	
14-5-4	DA61-02355B	BRACKET-CIRCUIT MOTOR	ABS,NEXT,,NTR	1	RH039	
14-5-5	DA63-01146A	GROMMET-MOTOR,REAR	ATOP,NBR,ID6.5,OD42,BLK,BLDC	1	RO138	
14-5-6	DA63-40167A	GROMMET-COVER CHIL	T3.0,SILICON,NTR	1	RI087	
14-5-7	DA96-00042A	ASSY-HARNESS MOTOR	ATOP UL(MOTOR),CFAN,350MM	1	RI133	
14-5-8	DA97-05093A	ASSY PIPE-SPIRAL COND	AW-PJT,	1	RH031	
15	DA31-00010D	FAN-ASSY	,ET,ZIPEL,ASSY,UNIT,?150	1	RI085	
15-1	DA31-00015C	FAN-TURBO	,ET-PJT,ABS+GLASS FIBE,GR4010	1	RI085	
15-2	DA61-20128A	SPRING ETC-FAN	,STS304,PI7.8,OD1.0,FD	1	RW716	

Parts List of Cabinet

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EXPLODED VIEW & PARTS LIST

5-4) Disassembly of Freeze Door

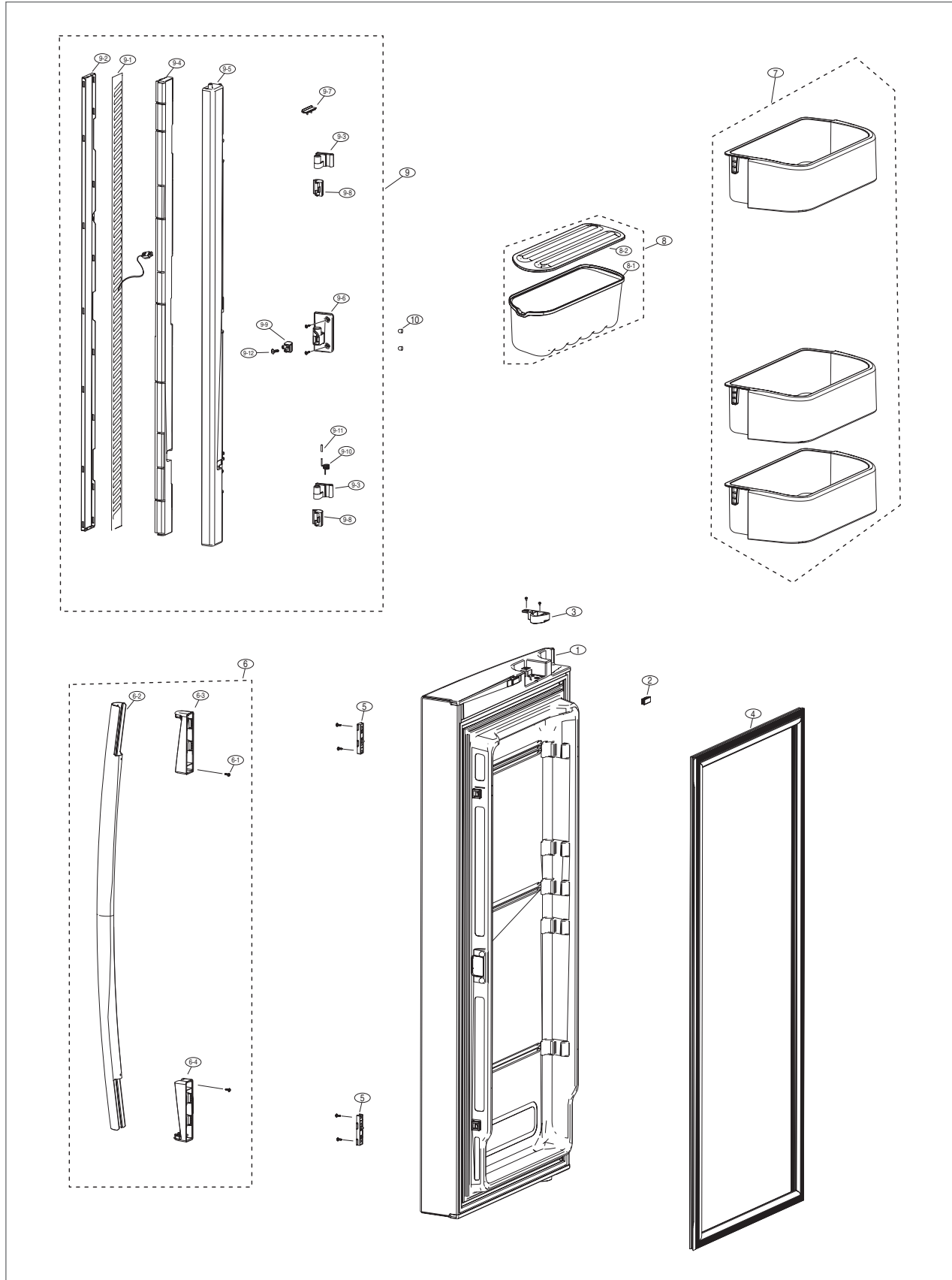


■ Parts List of Freezer Door

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EXPLODED VIEW & PARTS LIST

5-5) Disassembly of Refrigerator DoorLeft



EXPLODED VIEW & PARTS LIST

■ Parts List of Refrigerator Door-Left

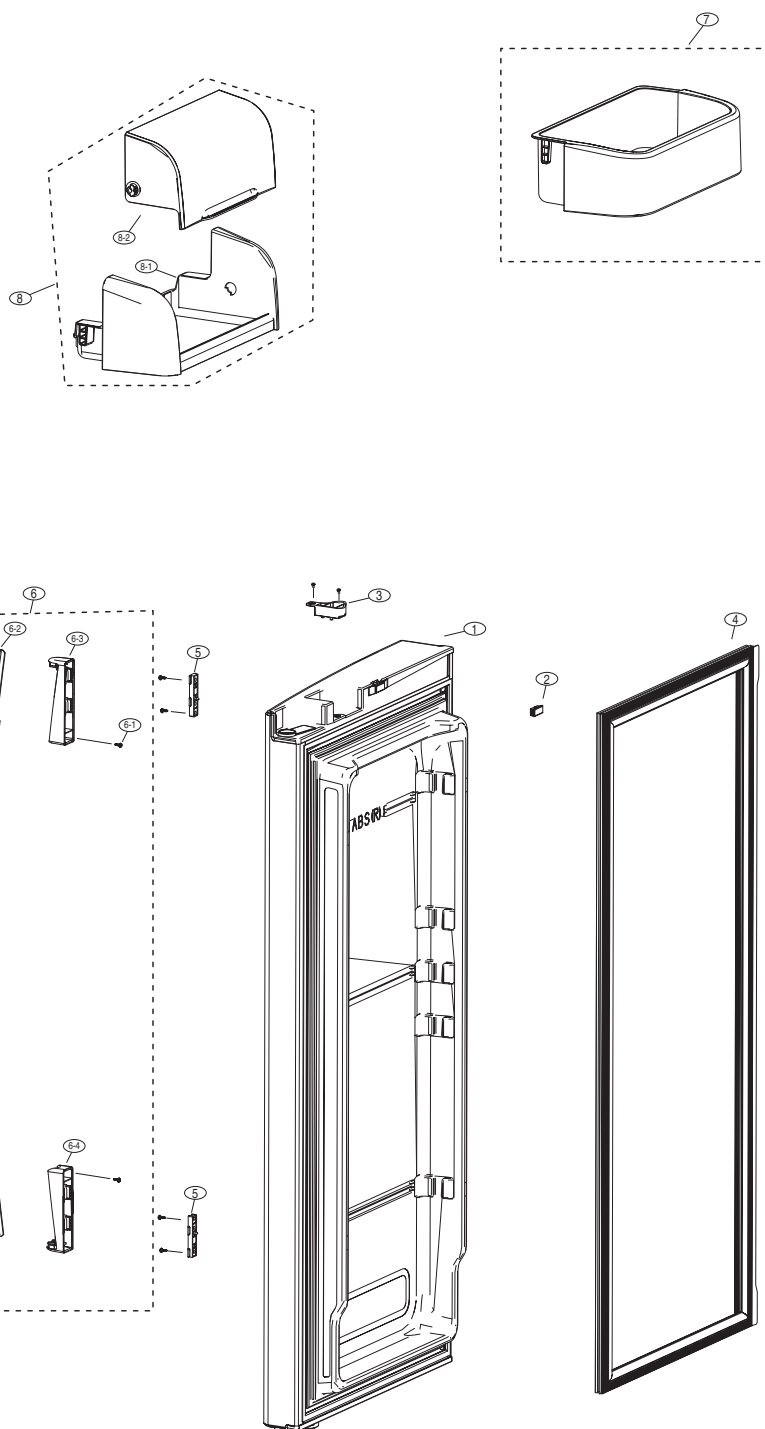
NO	CODE-NO	PART NAME	SPEC	QUAN TITY	SVC-CODE	REMARK
1	DA91-02460 A	ASSY DOOR FOAM REF L	AW-PJT,Empire-Black,iBLACK	1		
1	DA91-02460 B	ASSY DOOR FOAM REF L	AW-PJT,Versailles STS,Noble-STS	1		
1	DA91-02460 C	ASSY DOOR FOAM REF L	AW-PJT, Snow-White	1		
1	DA91-02460 D	ASSY DOOR FOAM REF L	AW-PJT, Platinum-STS,Noble-STS	1		
2	DA61-02738 E	MAGNET-ASS'Y	CORE-PJT,T5,W7,L18,iBLACK	1	RE083	
2	DA61-02738 F	MAGNET-ASS'Y	CORE-PJT,T5,W7,L18,Creamy-gray	1	RE083	
2	DA61-02738 A	MAGNET-ASS'Y	CORE-PJT,T5,W7,L18,Snow-White	1	RE083	
3	DA66-00442A	CAM AUTO CLOSE L	AW-PJT,Nylon6,iBLACK	1	RO175	
3	DA66-00442 B	CAM AUTO CLOSE L	AW-PJT,Nylon6,Creamy-STS	1	RO175	
3	DA66-00442 C	CAM AUTO CLOSE L	AW-PJT,Nylon6,Snow-White	1	RO175	
4	DA97-04954A	ASSY-GASKET DOOR REF	AW-PJT,W404,L978, BLACK	1	RE016	
4	DA97-04954 B	ASSY-GASKET DOOR REF	AW-PJT,W404,L978, GRAY	1	RE016	
5	DA61-02984A	FIXER-HANDLE	ATOP 06,POM,NTR,	2	RO061	
6	DA97-04417N	ASSY HANDLE-BAR	AW-PJT,,,,,,MATURE BLACK	1		
6-1	6002-000215	SCREW-TAPPING	TH,+,1,M4.0,L16,ZPC(WHT),SWRCH18A	2	RS080	
6-2	DA64-01979A	HANDLE BAR	ATOP 06,AL(A6063), MATURE-BLACK	1	RO017	
6-3	DA67-01527E	CAP-HANDLE UPP	ATOP06,ABS(HG0760), iBLACK	1	RO106	
6-4	DA67-01528E	CAP-HANDLE LOW	ATOP06,ABS(HG0760), iBLACK	1	RO058	
6	DA97-04417J	ASSY HANDLE-BAR	AW-PJT,,,,,,VERSAILLES SILVER	1		
6-1	6002-000215	SCREW-TAPPING	TH,+,1,M4.0,L16,ZPC(WHT),SWRCH18A	2	RS080	
6-2	DA64-01979E	HANDLE BAR	ATOP06,AL(A6063),,,VERSAILLES SILVER(SC05061T),VERTICAL-HARLINEÄ	1	RO017	
6-3	DA67-01527 F	CAP-HANDLE UPP	ATOP06,ABS(HG0760), Versailles-Silver	1	RO106	
6-4	DA67-01528 F	CAP-HANDLE LOW	ATOP06,ABS(HG0760), Versailles-Silver	1	RO058	
6	DA97-04417D	ASSY HANDLE-BAR	A-TOP06,AL(0603),-,L8762-,SNOW-WHITE	1		
6-1	6002-000215	SCREW-TAPPING	TH,+,1,M4.0,L16,ZPC(WHT),SWRCH18A	2	RS080	
6-2	DA64-01979 D	HANDLE BAR	ATOP 06,AL(A6063), Snow-White	1	RO017	
6-3	DA67-01527 D	CAP-HANDLE UPP	ATOP06,ABS(HG0760), Snow-White	1	RO106	
6-4	DA67-01528 D	CAP-HANDLE LOW	ATOP06,ABS(HG0760), Snow-White	1	RO058	
6	DA97-04417K	ASSY HANDLE-BAR	AW-PJT,,,,,,PLATINUM STS,-Ä	1		
6-1	6002-000215	SCREW-TAPPING	TH,+,1,M4.0,L16,ZPC(WHT),SWRCH18A	2	RS080	
6-2	DA64-01979B	HANDLE BAR	A-TOP06,AL(A6063),,,VERSAILLES SILVER(SC05061T),-Ä	1	RO017	
6-3	DA67-01527F	CAP-HANDLE UPP	A-TOP06,ABS(HG0760),,,NOBLE GRAY(SC02008R),VERSAILLES SILVER(SC05061S)Ä	1	RO106	
6-4	DA67-01528F	CAP-HANDLE LOW	A-TOP06,ABS(HG0760),,,NOBLE GRAY(SC02008R),VERSAILLES SILVER(SC05061S)Ä	1	RO058	
7	DA63-03467A	GUARD-REF	AW-PJT,PP(BJ730),COOL-WHITE(SC02740R)	3	RE024	
8	DA97-02806A	ASSY TRAY-EGG	EPEL,T25,W324.5,L1222,H122.5	1	RI158	
8-1	DA63-02492A	TRAY-EGG	EPEL,GPPS,T25,W324.5,L1222,H120	1	RE022	
8-2	DA63-02491A	COVER-TRAY EGG	EPEL,GPPS,T25,W319,L116.3,H13	1	RE023	
9	DA97-05021D	ASSY-FRENCH	AW-PJT,ALL-BLACK,-,Ä	1		
9-1	DA47-00245A	HEATER CORD-FRENCH	AW-PJT,P-CORD,10W,115V,1322,FRENCH	1	RF118	
9-2	DA61-03207A	PLATE-FRENCH	AW-PJT,SECC1,T0.8,ALL-BLACK	1		
9-3	DA61-03230B	HINGE-FRENCH	AW-PJT,PC(HF-1023IM),,,COOL-WHITE(SC02740R)	2	RD098	
9-4	DA61-03234A	CASE-FRENCH	AW-PJT,ABS, SNOW-WHITE	1		
9-5	DA62-01387A	INSULATION-FRENCH	AW-PJT,FOAMPS	1	RI234	
9-6	DA63-03454A	COVER-HEATER FRENCH	AW-PJT,HIPS(HR1360), SNOW-WHITE	1	RI239	
9-7	DA63-03508A	GASKET-FRENCH	AW-PJT,SILICON, BLACK	2	RO168	
9-8	DA67-01650A	CAP-CASE FRENCH	AW-PJT,ABS,SNOW-WHITE	2	RE090	
9-9	DA67-01701A	CAP-CASE FRENCH MID	AW-PJT,ABS,SNOW-WHITE	1	RE091	
9-10	DA81-01345A	SPRING-ETC FRENCH	STS304,PH1.4	1		
9-11	DA81-01346A	PIN-FRENCH SPRING	RDPVC,WHITE	1		
9-12	6002-000213	SCREW TAPPING	TH,+,1,M4,L12,ZPC(WHT),SWRCH18A	1	RS047	
9	DA97-05021E	ASSY-FRENCH	AW-PJT,THAI SILVER	1		
9-1	DA47-00245A	HEATER CORD-FRENCH	AW-PJT,P-CORD,10W,115V,1322,FRENCH	1	RF118	

■ Parts List of Refrigerator Door-Left

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EXPLODED VIEW & PARTS LIST

5-6) Disassembly of Refrigerator Door Right



■ Parts List of Refrigerator Door-Right

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RF26NB

5-1) Freezer 92

5-2) Refrigerator 95

5-3) Cabinet 99

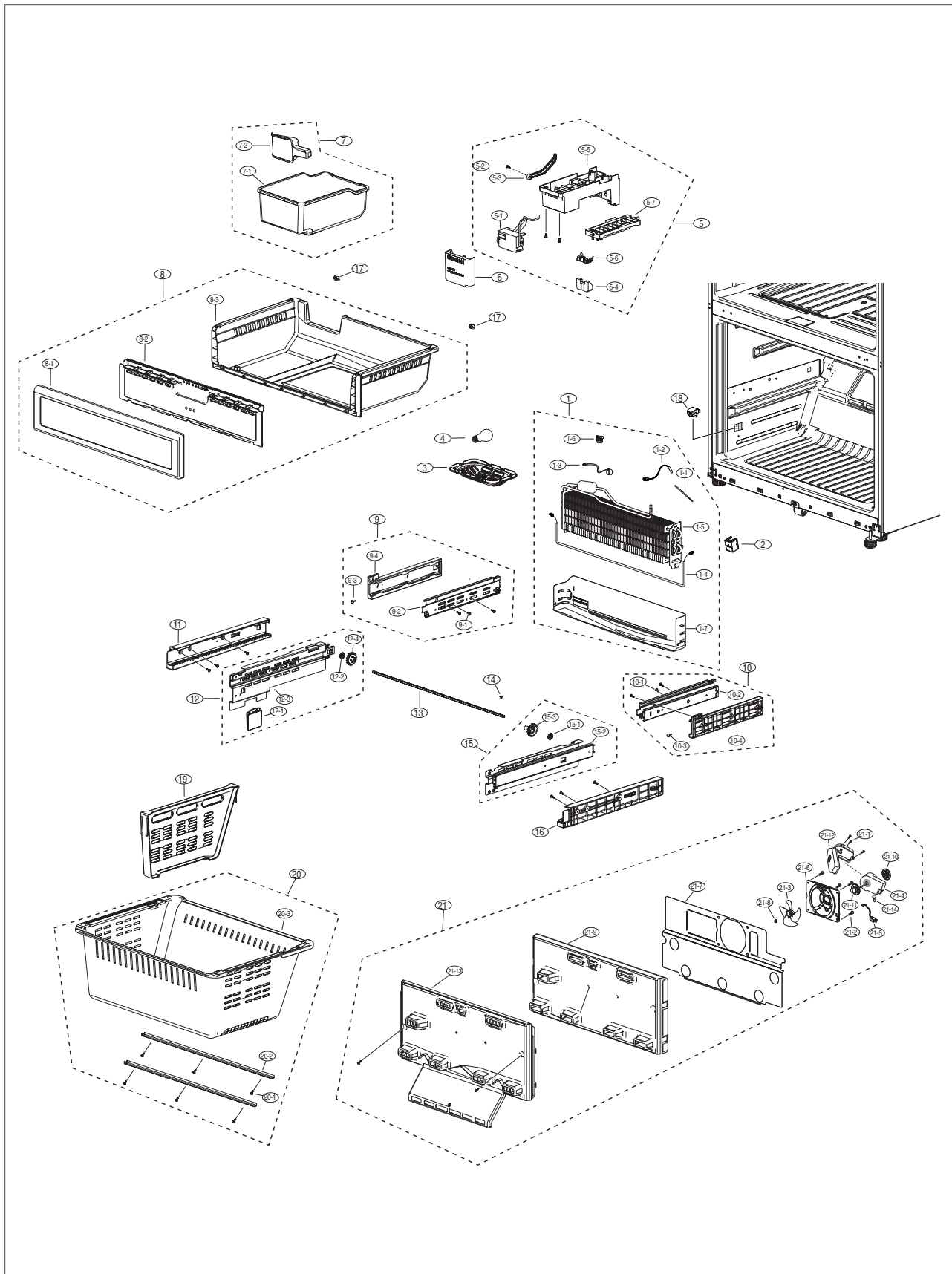
5-4) Disassembly of Freeze Door 103

5-5) Disassembly of Refrigerator Door Left 105

5-6) Disassembly of Refrigerator Door Right 108

EXPLODED VIEW & PARTS LIST

5-1) Freezer



EXPLODED VIEW & PARTS LIST

■ Parts List of Freezer

NO	CODE-NO	PART NAME	SPEC	QUAN TITY	SVC-CODE	REMARK
1	DA96-00364E	ASSY EVAP-FRE	AW-PJT,PIN,230V/240W	1		
1-1	6501-000123	CABLE TIE	DACT140,W3.6,L146,NTR,NYLON66	2		
1-2	DA32-00006Q	SENSOR TEMP-F-DEF	PX41C,40~110,5V,FDEF SENSOR,YEL,500MM	1		
1-3	DA47-00243B	THERMO BIMETAL-PROTECTOR	AW-PJT(F),BT-121-M,PW-5M1N,125/250V,10/5A,60?,40?,100MΩ	1		
1-4	DA47-00244E	HEATER-METAL SHEATH	AW-PJT,240W,230V,220.4Ω,F-ROOM	1		
1-5	DA59-00358A	EVAP FRE	PIN,115V,AW-PJT	1		
1-6	DA61-02901A	FIXER-SENSOR EVAP	CORE-PJT,PP,NTR	1		
1-7	DA61-03187A	PLATE-DRAIN FRE	AW-PJT,GALVANUM,T0.4	1		
2	DA63-02902B	COVER-FIXER HOUSING,V	NEXT-PJT,GALVA,T0.3,W31,L42	1		
3	DA63-03420A	COVER-LAMP FRE	AW,GPPS,NTR	1		
4	4713-001201	LAMP INCANDESCENT	230V,0mA,40W,FROST,0Lm,0Cd/m ² ,47x84mm	1		
5	DA97-05037A	ASSY-SUPPORT ICE MAKER	AW-PJT	1		
5-1	DA59-00294A	ICE MAKER-ASSY	NTGN,DC12V	1		
5-2	DA60-10132A	SCREW-TAPPING	PH,+,PI3,L15,PASS,STS430,2S	1		
5-3	DA61-00954B	GUIDE-ICE FULL	AW,ABS,NTR	1		
5-4	DA61-01800A	FIXER-SENSOR(ICE MAKER)	AD,URETHANE	1		
5-5	DA61-03213B	SUPPORT-ICE MAKER	AW-PJT,HIPS,NTR	1		
5-6	DA63-02183A	COVER-SENSOR	AD,PP,T1.0,WHITE	1		
5-7	DA63-02284B	TRAY ICE	AD,PP,NTR,BJ73SLW180	1		
6	DA63-03613A	COVER-ICE MAKER	AW-PJT,HIPS,COOL WHITE	1		
7	DA97-04845A	ASSY CASE-ICE CUBE	AW-PJT	1		
7-1	DA61-03189A	CASE-ICE CUBE	AW-PJT,PP,COOL WHITE	1		
7-2	DA67-01231A	SCOOP ICE	W2-PJT(05),PP(BJ703T4),SC02740R	1		
8	DA97-04849A	ASSY TRAY-FRE UPP	AW-PJT	1		
8-1	DA63-03435A	COVER-TRAY FRE UPP A	AW-PJT,HIPS,COOL WHITE	1		
8-2	DA63-03436A	COVER-TRAY FRE UPP B	AW-PJT,GPPS	1		
8-3	DA63-03437A	TRAY-FRE UPP	AW-PJT,HIPS,COOL WHITE	1		
9	DA97-04834B	ASSY RAIL-SLIDE UPP L	AW-PJT	1		
9-1	6002-000458	SCREW-TAPPING	FH,+,2,M4.0,L14,PASS,STS304	1		
9-2	DA61-03334A	RAIL-SLIDE UPP L	AW-PJT,STS430	1		
9-3	DA63-40167A	GROMMET-COVER SLIDE	T3.0,SILICON,NTR	1		
9-4	DA63-03416A	COVER-RAIL UPP L	AW,HIPS,COOL WHITE	1		
10	DA97-04833A	ASSY RAIL-SLIDE UPP R	AW-PJT	1		
10-1	6002-000458	SCREW-TAPPING	FH,+,2,M4.0,L14,PASS,STS304	1		
10-2	DA61-03159A	RAIL-SLIDE UPP R	AW-PJT,STS430	1		
10-3	DA63-40167A	GROMMET-COVER SLIDE	T3.0,SILICON,NTR	1		
10-4	DA63-03417A	COVER-RAIL UPP R	AW-PJT,HIPS,COOL WHITE,	1		
11	DA63-03414A	COVER-RAIL LOW L	AW-PJT,ABS,COOL WHITE	1		
12	DA97-04836A	ASSY RAIL-SLIDE LOW L	AW-PJT	1		
12-1	DA34-00047A	SWITCH PRESSURE	AW-PJT,HIPS,COOL WHITE	1		
12-2	DA61-03154A	FIXER-GEAR	AW-PJT,POM,NTR	1		
12-3	DA61-03158A	RAIL-SLIDE LOW L	AW-PJT,STS430	1		
12-4	DA66-00436A	GEAR-L	AW-PJT,POM,NTR	1		
13	DA66-00437A	SHAFT-GEAR	AW-PJT,SM25C	1		
14	DA67-00859C	CAP-DOOR HANDLE	CORE,POM,-,-,INOX,SC-06034R	1		
15	DA97-04835A	ASSY RAIL-SLIDE LOW R	AW-PJT	1		
15-1	DA61-03154A	FIXER-GEAR	AW-PJT,POM,NTR	1		
15-2	DA61-03333A	RAIL-SLIDE LOW R	AW-PJT,STS430	1		
15-3	DA66-00435A	GEAR-R	AW-PJT,POM,NTR	1		
16	DA63-03415A	COVER-RAIL LOW R	AW-PJT,ABS,COOL WHITE	1		
17	DA61-03190A	FIXER-TRAY FRE UPP	AW-PJT,PP,NTR	2		
18	DA34-10120E	SWITCH DOOR-F	slide,250V,0.5A,cool white	1		

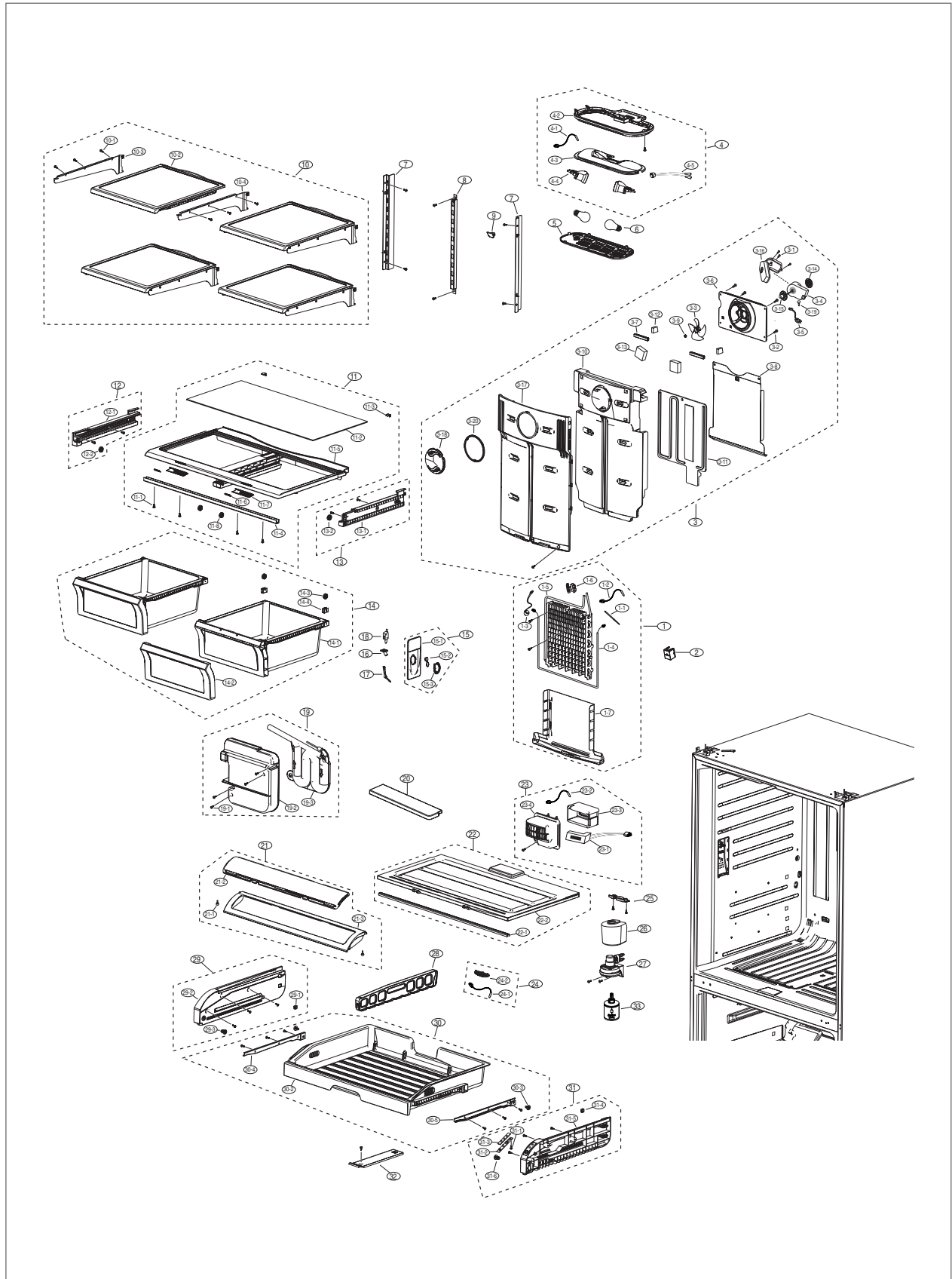
EXPLODED VIEW& PARTS LIST

■ Parts List of Freezer

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EXPLODED VIEW & PARTS LIST

5-2) Refrigerator



EXPLODED VIEW & PARTS LIST

■ Parts List of Refrigerator

NO	CODE-NO	PART NAME	SPEC	QUAN TITY	SVC-CODE	REMARK
1	DA96-00365G	ASSY EVAP-REF	AW-PJT,PIN,230V,120W	1		
1-1	6501-000123	CABLE TIE	DACT140,W3.6,L146,NTR,NYLON66	2		
1-2	DA32-00006S	SENSOR TEMP-R-DEF	PX41C,502AT,AW-PJT,40~110,5V,RDEF SENSOR,YEL,400MM	1		
1-3	DA47-00243C	THERMO BIMETAL-PROTECTOR	AW-PJT(R),BT-121-M, PW-5M1N,125 / 250V,10 / 5A,60?,40?,100MΩ	1		
1-4	DA47-00244F	HEATER-METAL SHEATH	AW-PJT,130W,230V,406.9Ω,R-ROOM	1		
1-5	DA59-00357B	EVAP REF	AW-PJT	1		
1-6	DA61-00453A	FIXER-SENSOR	ATOP,EVAP,PP,NTR,ALL	1		
1-7	DA61-03188A	PLATE-DRAIN REF	AW-PJT,GALVANUME,T0.4,	1		
2	DA63-02902B	COVER-FIXER HOUSING,V	NEXT-PJT,GALVA,T0.3,W31,L42	1		
3	DA97-04939E	ASSY COVER-EVAP REF	AW-PJT(BASIC)	1		
3-1	6002-000213	SCREW-TAPPING	TH,+,1,M4,L12,ZPC(WHT),SWRCH18A	3		
3-2	6002-000215	SCREW-TAPPING	TH,+,1,M4.0,L16,ZPC(WHT),SWRCH18A	4		
3-3	DA31-00124A	FAN-AX100W4CC-T1	TD-PJT,ABS	1		
3-4	DA31-00146C	MOTOR BLDC	2950,DC12V,150mA,2.1W,MOTORBLDC	1		
3-5	DA39-00060K	WIRE HARNESS-MOTOR	ATOP,351510410,N00909204,BLDC,R,FFAN	1		
3-6	DA61-03181A	CASE-MOTOR REF	AW-PJT,BUBBLE PP,NTR	1		
3-7	DA61-03182A	GUIDE-INS EVAP REF	AW-PJT,ABS,NTR	2		
3-8	DA61-03186A	PLATE-INS EVAP REF	AW-PJT,GALVANUME,T0.4	1		
3-9	DA61-20128A	SPRING ETC-FAN	STS304,PI7.8,OD1.0,FD	1		
3-10	DA62-01381A	INSULATION-EVAP REF	AW-PJT,FOAMPS	1		
3-11	DA62-01382A	INSULATION-EVAP REAR	AW-PJT,FOAMPS	1		
3-12	DA62-01383A	INSULATION-EVAP SUB	AW-PJT,FOAMPS	2		
3-13	DA62-01423A	INSULATION-EVAP DUCT	AW-PJT,FOAMPS,T20,W44.5,L45	2		
3-14	DA63-01146A	GROMMET-MOTOR,REAR	ATOP,NBR,ID6.5,OD42,BLK,BLDC	1		
3-15	DA63-01808A	GROMMET-MOTOR,FRONT	BLDC,NBR,BLACK,H20	1		
3-16	DA63-01809A	COVER MOTOR-BLDC	BLDCNEW,PP,NTR,BJ730	1		
3-17	DA63-03430A	COVER-EVAP REF	AW-PJT,HIPS,NTR,	1		
3-18	DA63-03517A	COVER-EVAP REF SUB	AW-PJT,HIPS(HG1760SF),COOL -WHT	1		
3-19	DA63-40167A	GROMMET-COVER CHIL	T3.0,SILICON,NTR	1		
3-20	DA64-02065A	TRIM-COVER EVAP REF	AW-PJT,ABS,COOL -WHITE	1		
4	DA97-04842D	ASSY CASE LAMP-REF	AW-PJT	1		
4-1	DA32-00006T	SENSOR TEMP-R	PX-41C, 502AT,AW-PJT,-40~1	1		
4-2	DA61-03163A	CASE-LAMP REF	AW,HIPS,COOL WHITE	1		
4-3	DA61-03169A	PLATE LAMP REF	AW,SBHG1,T0.4	1		
4-4	DA47-40001C	LAMP HOLDER ASSY	E26,1A,PBT(5VA)	2		
4-5	DA47-00243D	THERMO BIMETAL PROTECTOR	AW-PJT(R-Lamp),BT-121-M, PW-5M1N,125 / 250V,10 / 5A,60?,40?,100MΩ	1		
5	DA63-03773A	COVER-LAMP REF	AW,PC,crystal	1		
6	4713-001232	LAMP INCANDESCENT	230V,261mA,60W,47x112mm	2		
7	DA61-03180A	ANGLE-SHELF REF SIDE	AW,SECC1,T2.0,COOL -WHITE	2		
8	DA61-03179A	ANGLE-SHELF REF MID	AW,SECC1,T2.0,COOL -WHITE	1		
9	DA67-01688A	CAP-ANGLE	AW-PJT,HIPS,COOL -WHITE	1		
10	DA97-04850A	ASSY SHELF-GLASS REF FIX	AW-PJT	4		
10-1	6002-001397	SCREW-TAPPING	TH,+,1,M4,L10,ZPC(WHT),SWRCH18A,HD6.5,HT2	6		
10-2	DA67-01606A	SHELF-GLASS REF FIX	AW,PP,INSERT	1		
10-3	DA67-01608A	SHELF-HANGER REF L	AW,SECC1,T1.6,COOL -WHITE	1		
10-4	DA67-01609A	SHELF-HANGER REF R	AW,SECC1,T1.6,COOL -WHITE	1		
11	DA97-04832A	ASSY COVER-VEG	AW-PJT	1		
11-1	6002-000213	SCREW-TAPPING	TH,+,1,M4,L12,ZPC(WHT),SWRCH18A	4		
11-2	DA01-00400A	GLASS-COVER VEG	756*343,T3.2,1 PRINT	1		
11-3	DA61-03166A	FIXER-COVER VEG	AW,HIPS,COOL -WHITE	2		
11-4	DA61-03173A	REINF-COVER VEG	AW-PJT,SHP1,T2.9,BLACK	1		
11-5	DA63-03428A	COVER-VEG REF	AW,HIPS,COOL -WHITE	1		

EXPLODED VIEW & PARTS LIST

■ Parts List of Refrigerator

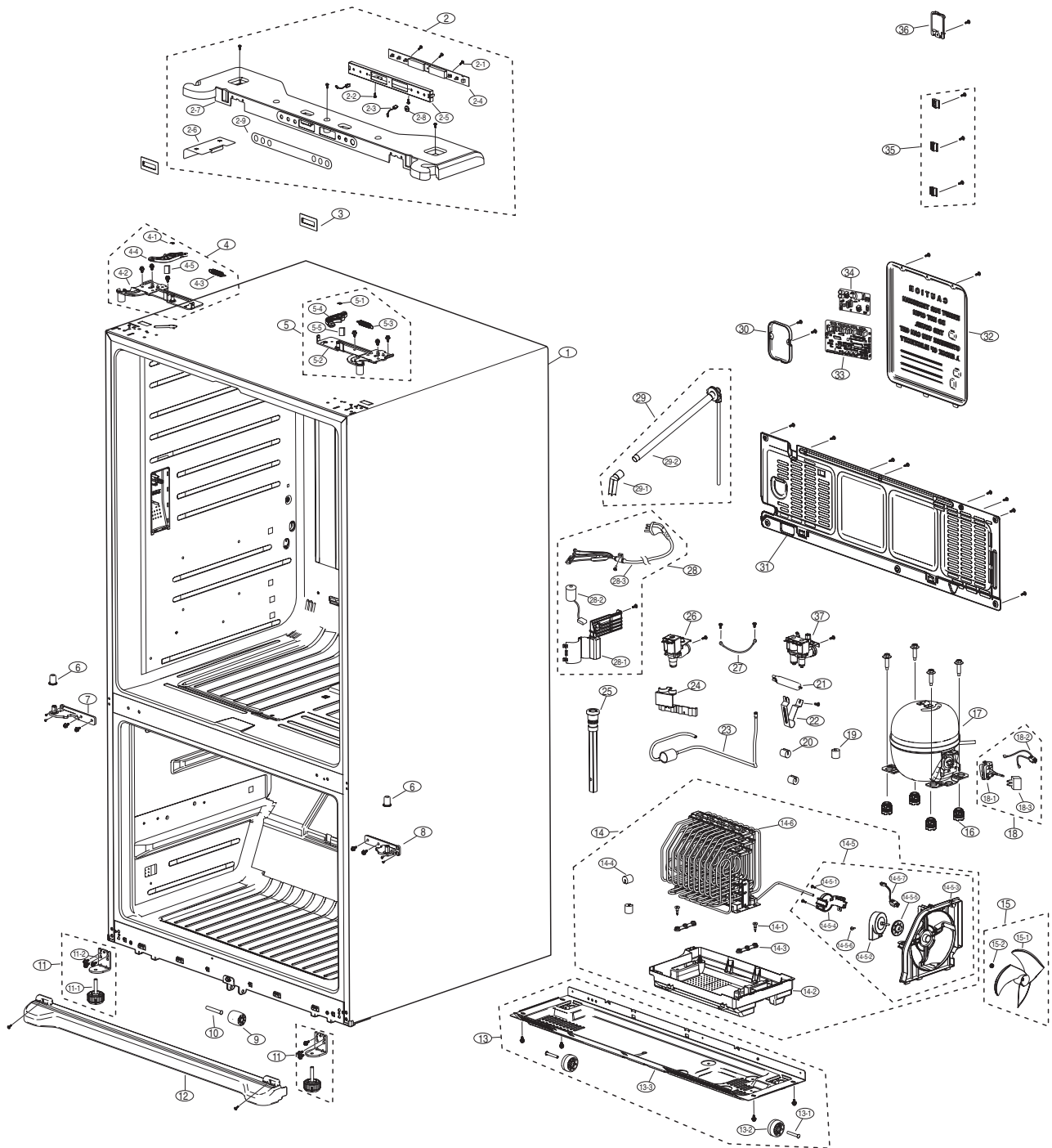
NO	CODE-NO	PART NAME	SPEC	QUANTITY	SVC-CODE	REMARK
11-6	DA64-00817A	KNOB-HUMIDITY	QUEEN,ABS	2		
11-7	DA66-00438A	LEVER-HUMIDITY	AW,HIPS,COOL -WHITE	2		
11-8	DA66-10104A	ROLLER-FRE	POM,D22	2		
12	DA97-04839A	ASSY RAIL-VEG L	AW-PJT	1		
12-1	DA61-03172A	RAIL-VEG L	AW,HIPS,COOL -WHITE	1		
12-2	DA66-10104A	ROLLER-FRE	POM,D22	1		
13	DA97-04840A	ASSY RAIL-VEG R	AW-PJT	1		
13-1	DA61-03177A	RAIL-VEG R	AW,HIPS,COOL -WHITE	1		
13-2	DA66-10104A	ROLLER-FRE	POM,D22	1		
14	DA97-04846A	ASSY CASE-VEG REF	AW-PJT	2		
14-1	DA61-03165A	CASE-VEG REF	AW,SAN,NTR	1		
14-2	DA63-03426A	COVER-VEG FRONT	AW,HIPS,COOL -WHITE	1		
14-3	DA66-10104A	ROLLER-FRE	POM,D22	2		
14-4	DA71-20145A	FIXER-ROLLER	PA	2		
15	DA97-04952B	ASSY COVER-DISPENSER	AW-PJT	1		
15-1	DA63-03516B	COVER-DISPENSER	AW-PJT,HIPS,SC-02740R,COOL-WHT	1		
15-2	DA64-02113A	BUTTON-COVER DISPENSER	AW-PJT,PP(BJ730),COOL -WHT,SC-02740R	1		
15-3	DA73-00230A	RUBBER-COVER-DISPENSER	AW-PJT,SILICON,4 05,GRAY	1		
16	DA61-03327A	FIXER-WATER HOSE	AW-PJT,PP(BJ730),COOL -WHT,SC0 -2740R	1		
17	DA66-00451A	LEVER-CASE DISPENSER	AW-PJT,POM,NTR	1		
18	DA34-00011A	SWITCH-MICRO	VP533AOF5,MICRO,250V,15A,PBT,GP1006F,1	1		
19	DA97-05033B	ASSY-COVER WATER TANK	AW-PJT,BETTER	1		
19-1	6002-000213	SCREW-TAPPING	TH,+,1,M4,L12,ZPC(WHT),SWRCH18A	2		
19-2	DA63-03449A	COVER-TANK WATER	AW-PJT,PP,COOL -WHITE	1		
19-3	DA97-02650F	ASSY TANK WATER	AW-PJT,BETTER	1		
20	DA67-01605A	SHELF-PANTRY SUB	AW,HIPS,COOL WHITE	1		
21	DA97-04831C	ASSY COVER-SLIDE PANTRY	AW-PJT	1		
21-1	DA63-40167A	GROMMET-COVER SLIDE	T3.0,SILICON,NTR	2		
21-2	DA63-03424A	COVER-SLIDE PANTRY A	AW,GPPS,NTR	1		
21-3	DA63-03425A	COVER-SLIDE PANTRY B	AW,HIPS,COOL WHITE	1		
22	DA97-04841A	ASSY SHELF-PANTRY	AW-PJT	1		
22-1	DA61-03174A	REINF-SHELF PANTRY	AW-PJT,SECC1,T1.2,COOL WHITE	1		
22-2	DA67-01604A	SHELF-PANTRY	AW,HIPS,COOL WHITE	1		
23	DA97-04856B	ASSY COVER-MOTOR DAMPER	AW-PJT	1		
23-1	DA31-00071C	ASSY DAMPER MOTOR	DC 12V,MAX 600mA,BBC-PJT	1		
23-2	DA32-00006R	SENSOR TEMP-PANTRY	PX-41C,502AT,AW-PJT	1		
23-3	DA62-01380A	INSULATION-MOTOR DC DAMPER	AW-PJT,FOAMPS,NTR	1		
23-4	DA63-03419A	COVER-MOTOR DC DAMPER	AW-PJT,PP,COOL WHITE	1		
24	DA97-02019A	ASSY COVER-SENSOR	COMBI-PJT,COOLWHITE,SC -02740R	1		
24-1	DA32-10105B	SENSOR-ASSY	TEMP CAP TYPE	1		
24-2	DA63-10467B	COVER-SENSOR	COMBI-PJT,HIPS,SC -02740R,COOL -WHITE	1		
25	DA61-03202A	GUIDE-FRENCH	AW-PJT,POM,COOL -WHITE(SC02740R)	1		
26	DA63-03685B	COVER-WATER FILTER	AW-PJT,HIPS,T3,WHT,GEN-2 6 1/2"	1		
27	DA97-01666Y	ASSY CASE-FILTER	AW-PJT	1		
28	DA61-03167A	GUIDE-PANTRY	AW,PP,COOL -WHITE	1		
29	DA97-04830C	ASSY COVER-RAIL PANTRY L	AW-PJT(BASIC)	1		
29-1	DA61-03176A	SUPPORT-ROLLER PANTRY	AW-PJT,NBR,NTR	2		
29-2	DA63-03422A	COVER-RAIL PANTRY L	AW,HIPS,COOL -WHITE	1		
29-3	DA97-05297B	ASSY ROLLER B	AW-PJT,Ni-Zn	1		
30	DA97-04847D	ASSY CASE-PANTRY	AW-PJT,COOL WHITE,ROLLER(Ni-Zn)	1		
30-1	6002-000213	SCREW-TAPPING	TH,+,1,M4,L12,ZPC(WHT),SWRCH18A	6		
30-2	DA61-03164A	CASE-PANTRY	AW,HIPS,COOL -WHITE	1		

■ Parts List of Refrigerator

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EXPLODED VIEW & PARTS LIST

5-3) Cabinet



EXPLODED VIEW & PARTS LIST

■ Parts List of Cabinet

NO	CODE-NO	PART NAME	SPEC	QUAN TITY	SVC-CODE	REMARK
1	DA90-03646B	ASSY CABINET FORM	RF265,BLACK	1		
1	DA90-03646F	ASSY CABINET FORM	RF265,-,REAL STAINLESS	1		
1	DA90-03646G	ASSY CABINET FORM	RF265,SNOW WHITE	1		
2	DA97-04901A	ASSY-TOP TABLE	AW-PJT,ABS,I-BLACK(SC-00477R)	1		
2-1	6002-000630	SCREW-TAPPING	PH,+2S,M3,L8,ZPC(WHT),SWRCH18A,	3		
2-2	6002-001122	SCREW-TAPPING	FH,+,1M4,L14,ZPC(WHT),SWRCH18A	2		
2-3	DA34-00043B	SWITCH REED-ASSY	200VDC,1.5A,	2		
2-4	DA41-00412C	PBA PANEL-LED	AW-BASIC,DOOR REF,FR-4,300*24.5*1.6T,CELSIUS,12V,5V	1		
2-5	DA61-03194B	CASE-PBA DISPLAY	AW-PJT,HIPS,NTR	1		
2-6	DA61-03331A	PLATE-TOP TABLE	AW-PJT,SBHG1,T0.3,	1		
2-7	DA64-02066A	TOP TABLE	AW-PJT,ABS(VH0815),I-BLACK(SC-00477R)	1		
2-8	DA64-02071A	BUTTON-CONTROL	AW-PJT,GPPS,NTR,	1		
2-9	DA64-02076D	INLAY-DISPLAY	AW-PJT,PC,0.3,299.5,27.5	1		
2	DA97-04901E	ASSY-TOP TABLE	AW-PJT,CREAMY-STS	1		
2-1	6002-000630	SCREW-TAPPING	PH,+,2S,M3,L8,ZPC(WHT),SWRCH18A,	3		
2-2	6002-001122	SCREW-TAPPING	FH,+,1M4,L14,ZPC(WHT),SWRCH18A	2		
2-3	DA34-00043B	SWITCH REED-ASSY	200VDC,1.5A,	2		
2-4	DA41-00412C	PBA PANEL-LED	AW-BASIC,DOOR REF,FR-4,300*24.5*1.6T,CELSIUS,12V,5V	1		
2-5	DA61-03194B	CASE-PBA DISPLAY	AW-PJT,HIPS,NTR	1		
2-6	DA61-03331A	PLATE-TOP TABLE	AW-PJT,SBHG1,T0.3,	1		
2-7	DA64-02066B	TOP TABLE	AW-PJT,ABS(VH0815),Creamy STS(SC-07009R)	1		
2-8	DA64-02071A	BUTTON-CONTROL	AW-PJT,GPPS,NTR,	1		
2-9	DA64-02076E	INLAY-DISPLAY	AW-PJT,PC,0.25,28,300,CREAMY-STS	1		
2	DA97-04901C	ASSY-TOP TABLE	AW-PJT,ABS,Snow-White(SC-97527R)	1		
2-1	6002-000630	SCREW-TAPPING	PH,+,2S,M3,L8,ZPC(WHT),SWRCH18A,	3		
2-2	6002-001122	SCREW-TAPPING	FH,+,1M4,L14,ZPC(WHT),SWRCH18A	2		
2-3	DA34-00043B	SWITCH REED-ASSY	200VDC,1.5A,	2		
2-4	DA41-00412C	PBA PANEL-LED	AW-BASIC,DOOR REF,FR-4,300*24.5*1.6T,CELSIUS,12V,5V	1		
2-5	DA61-03194B	CASE-PBA DISPLAY	AW-PJT,HIPS,NTR	1		
2-6	DA61-03331A	PLATE-TOP TABLE	AW-PJT,SBHG1,T0.3,	1		
2-7	DA64-02066C	TOP TABLE	AW-PJT,ABS(VH0815),Snow-White(SC-97527R)	1		
2-8	DA64-02071A	BUTTON-CONTROL	AW-PJT,GPPS,NTR,	1		
2-9	DA64-02076F	INLAY-DISPLAY	AW-PJT,PC,0.25,28,300,SNOW-WHITE	1		
3	DA67-01613A	CAP-TOP TABLE	AW-PJT,ABS,I-BLACK(SC-00477R)	2		
3	DA67-01613B	CAP-TOP TABLE	AW-PJT,ABS,Creamy STS(SC-07009R)	2		
3	DA67-01613C	CAP-TOP TABLE	AW-PJT,ABS,Snow-White(SC-97527R)	2		
4	DA97-04874A	ASSY HINGE UPP-L	AW-PJT,T2.9,BLACK	1		
4-1	DA60-00162A	FASTENER-RING	AW-PJT,STS304,ID5,T0.5,OD11,BLACK,	1		
4-2	DA61-03239A	HINGE-UPP L	AW-PJT,SH1,T2.9,	1		
4-3	DA61-03301A	SPRING ETC-AUTO CLOSE	AW-PJT,STS604,1.4,9.2,12,24,	1		
4-4	DA97-04903A	ASSY LEVER-AUTO CLOSE	AW-PJT,POM,I-BLACK	1		
4-5	DA63-03673A	GROMMET-LEVER	AW-PJT,NBR,,,,,BLACK	1		
4	DA97-04874B	ASSY HINGE UPP-L	AW-PJT,T2.9,Creamy-STS	1		
4-1	DA60-00162A	FASTENER-RING	AW-PJT,STS304,ID5,T0.5,OD11,BLACK,	1		
4-2	DA61-03239A	HINGE-UPP L	AW-PJT,SH1,T2.9,	1		
4-3	DA61-03301A	SPRING ETC-AUTO CLOSE	AW-PJT,STS604,1.4,9.2,12,24,	1		
4-4	DA97-04903B	ASSY LEVER-AUTO CLOSE	AW-PJT,POM,Creamy-STS	1		
4-5	DA63-03673A	GROMMET-LEVER	AW-PJT,NBR,,,,,BLACK	1		
4	DA97-04874C	ASSY HINGE UPP-L	AW-PJT,T2.9,Snow-White	1		
4-1	DA60-00162A	FASTENER-RING	AW-PJT,STS304,ID5,T0.5,OD11,BLACK,	1		
4-2	DA61-03239A	HINGE-UPP L	AW-PJT,SH1,T2.9,	1		
4-3	DA61-03301A	SPRING ETC-AUTO CLOSE	AW-PJT,STS604,1.4,9.2,12,24,	1		

EXPLODED VIEW & PARTS LIST

■ Parts List of Cabinet

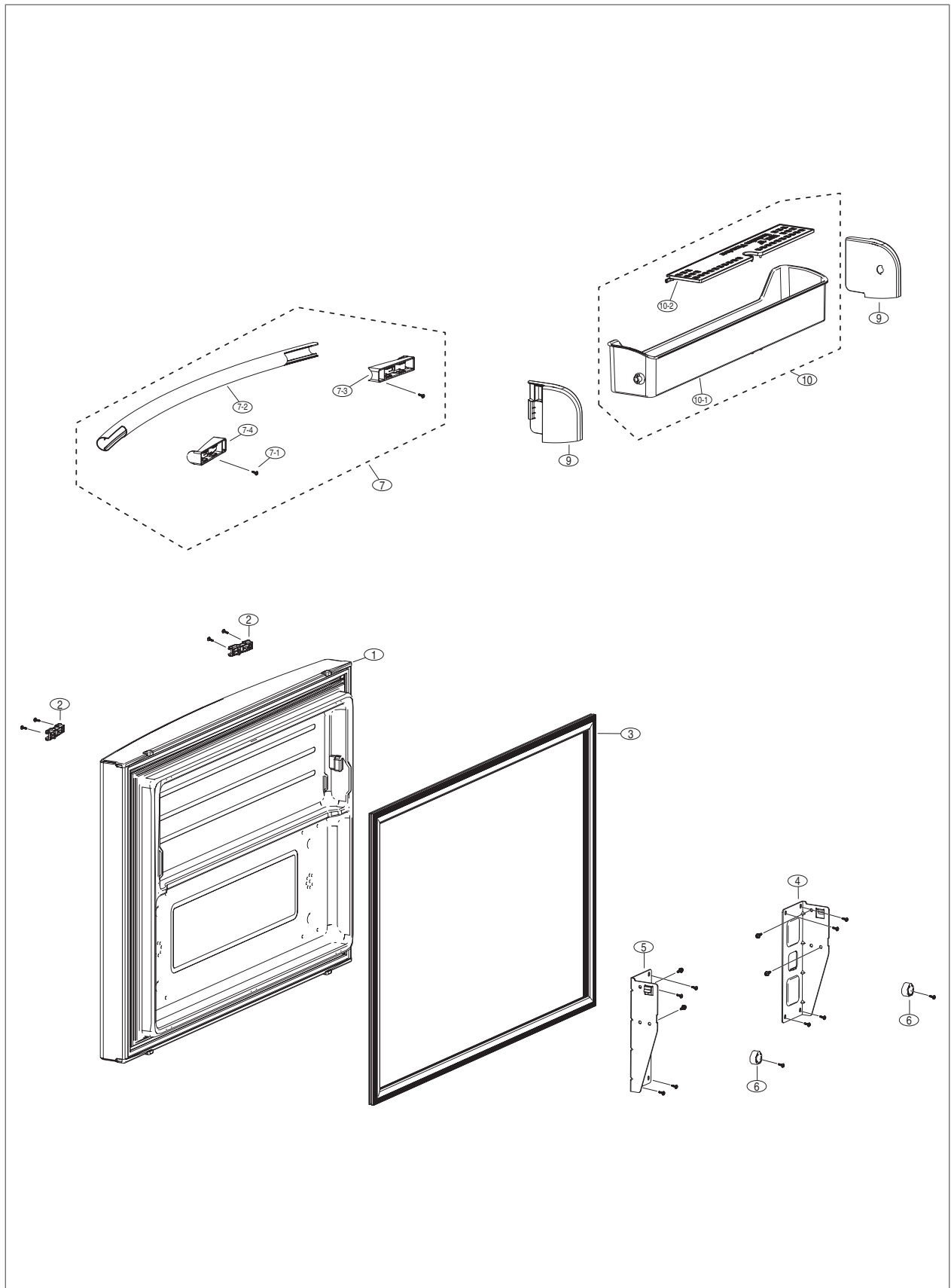
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4-4	DA97-04903C	ASSY LEVER-AUTO CLOSE	AW-PJT,POM,Snow-White	1		
4-5	DA63-03673A	GROMMET-LEVER	AW-PJT,NBR,,,,,BLACK	1		
5	DA97-04875A	ASSY HINGE UPP-R	AW-PJT,T2.9,i-BLACK	1		
5-1	DA60-00162A	FASTENER-RING	AW-PJT,STS304,ID5,T0.5,OD11,BLACK,	1		
5-2	DA61-03240A	HINGE-UPP R	AW-PJT,SHP1,T2.9,	1		
5-3	DA61-03301A	SPRING ETC-AUTO CLOSE	AW-PJT,STS604,1.4,9.2,12,24,	1		
5-4	DA97-04903A	ASSY LEVER-AUTO CLOSE	AW-PJT,POM,i-BLACK	1		
5-5	DA63-03673A	GROMMET-LEVER	AW-PJT,NBR,,,,,BLACK	1		
5	DA97-04875B	ASSY HINGE UPP-R	AW-PJT,T2.9,Creamy-STS	1		
5-1	DA60-00162A	FASTENER-RING	AW-PJT,STS304,ID5,T0.5,OD11,BLACK,	1		
5-2	DA61-03240A	HINGE-UPP R	AW-PJT,SHP1,T2.9,	1		
5-3	DA61-03301A	SPRING ETC-AUTO CLOSE	AW-PJT,STS604,1.4,9.2,12,24,	1		
5-4	DA97-04903B	ASSY LEVER-AUTO CLOSE	AW-PJT,POM,Creamy-STS	1		
5-5	DA63-03673A	GROMMET-LEVER	AW-PJT,NBR,,,,,BLACK	1		
5	DA97-04875C	ASSY HINGE UPP-R	AW-PJT,T2.9,Snow-White	1		
5-1	DA60-00162A	FASTENER-RING	AW-PJT,STS304,ID5,T0.5,OD11,BLACK,	1		
5-2	DA61-03240A	HINGE-UPP R	AW-PJT,SHP1,T2.9,	1		
5-3	DA61-03301A	SPRING ETC-AUTO CLOSE	AW-PJT,STS604,1.4,9.2,12,24,	1		
5-4	DA97-04903C	ASSY LEVER-AUTO CLOSE	AW-PJT,POM,Snow-White	1		
5-5	DA63-03673A	GROMMET-LEVER	AW-PJT,NBR,,,,,BLACK	1		
6	DA63-02905A	GROMMET HINGE-MID,R	NEXT,POM,T2.0,WHITE,	2		
7	DA97-04876B	ASSY HINGE MID-L	AW-PJT,T4.5	1		
8	DA97-04877B	ASSY HINGE MID-R	AW-PJT,T4.5	1		
9	DA61-40115B	CASTER-FRONT	SR-50,PP	1		
10	DA61-01920A	CASTER-RIVET	(ZPC2),MSWR10,OD8.0,L54	1		
11	DA97-05016A	ASSY-SUPPORT FOOT FRONT	AW-PJT	2		
11-1	DA61-00805C	FOOT-FRONT	AW-PJT,PP	1		
11-2	DA61-03217A	SUPPORT-FOOT FRONT	AW-PJT,SHP1,T4.0,BLACK	1		
12	DA63-03434A	COVER-LEG FRONT	AW-PJT,PP,i-BLACK	1		
12	DA63-03434B	COVER-LEG FRONT	AW-PJT,PP,Creamy-STS	1		
12	DA63-03434C	COVER-LEG FRONT	AW-PJT,PP,Snow-White	1		
13	DA97-02064B	ASSY CHASSIS-COMP	AD,NEXT,SBHG1,T1.4,	1		
13-1	DA60-90146A	PIN-CASTER	MSWR10,OD6.0,L40,ZPC2,SR2894	2		
13-2	DA61-40126B	CASTER-REAR	REFALL,PP,PI 44,NTR,W22,	2		
13-3	DA64-01170A	CHASSIS COMP	AD,SBHG1,T1.4,	1		
14	DA97-05043B	ASSY TRAY-DRAIN WATER	AW-PJT	1		
14-1	6009-001252	SCREW-SPECIAL	PH+,M4.0,L20(12),ZPC(WHT),SWRCH18A	2		
14-2	DA63-03450A	TRAY-DRAIN WATER	AW-PJT,PP,NTR,	1		
14-3	DA63-40128A	GROMMET-SUB COND	,NBR,DARKGRAY	2		
14-4	DA63-40171B	GROMMET-SUCT PIPE A	,NBR,OD20,ID4,L20,BLK	2		
14-5	DA97-03145K	ASSY SUPPORT-CIRCUIT MOTOR	AW-PJT	1		
14-5-1	6003-000003	SCREW-TAPTITE	BH+,B,M4,L10,ZPC(BLK),SWRCH18A,	2		
14-5-2	DA31-00146D	MOTOR BLDC	,1500,DC12V,250mA,2.5W,MOTORBLDC,	1		
14-5-3	DA61-02349B	SUPPORT-CIRCUIT MOTOR	NEXT,ABS,NTR,	1		
14-5-4	DA61-02355B	BRACKET-CIRCUIT MOTOR	ABS,NEXT,,NTR	1		
14-5-5	DA63-01146A	GROMMET-MOTOR,REAR	ATOP,NBR,ID6.5,OD42,BLK,BLDC	1		
14-5-6	DA63-40167A	GROMMET-COVER CHIL	T3.0,SILICON,NTR	1		
14-5-7	DA96-00042A	ASSY-HARNESS MOTOR	ATOP UL(MOTOR),CFAN,350MM	1		
14-5-8	DA97-05093A	ASSY PIPE-SPIRAL COND	AW-PJT,	1		
15	DA31-00010D	FAN-ASSY	,ET,ZIPEL,ASSY,UNIT,?150	1		
15-1	DA31-00015C	FAN-TURBO	,ET-PJT,ABS+GLASS FIBE,GR4010	1		
15-2	DA61-20128A	SPRING ETC-FAN	,STS304,PI7.8,OD1.0,FD	1		

■ Parts List of Cabinet

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EXPLODED VIEW & PARTS LIST

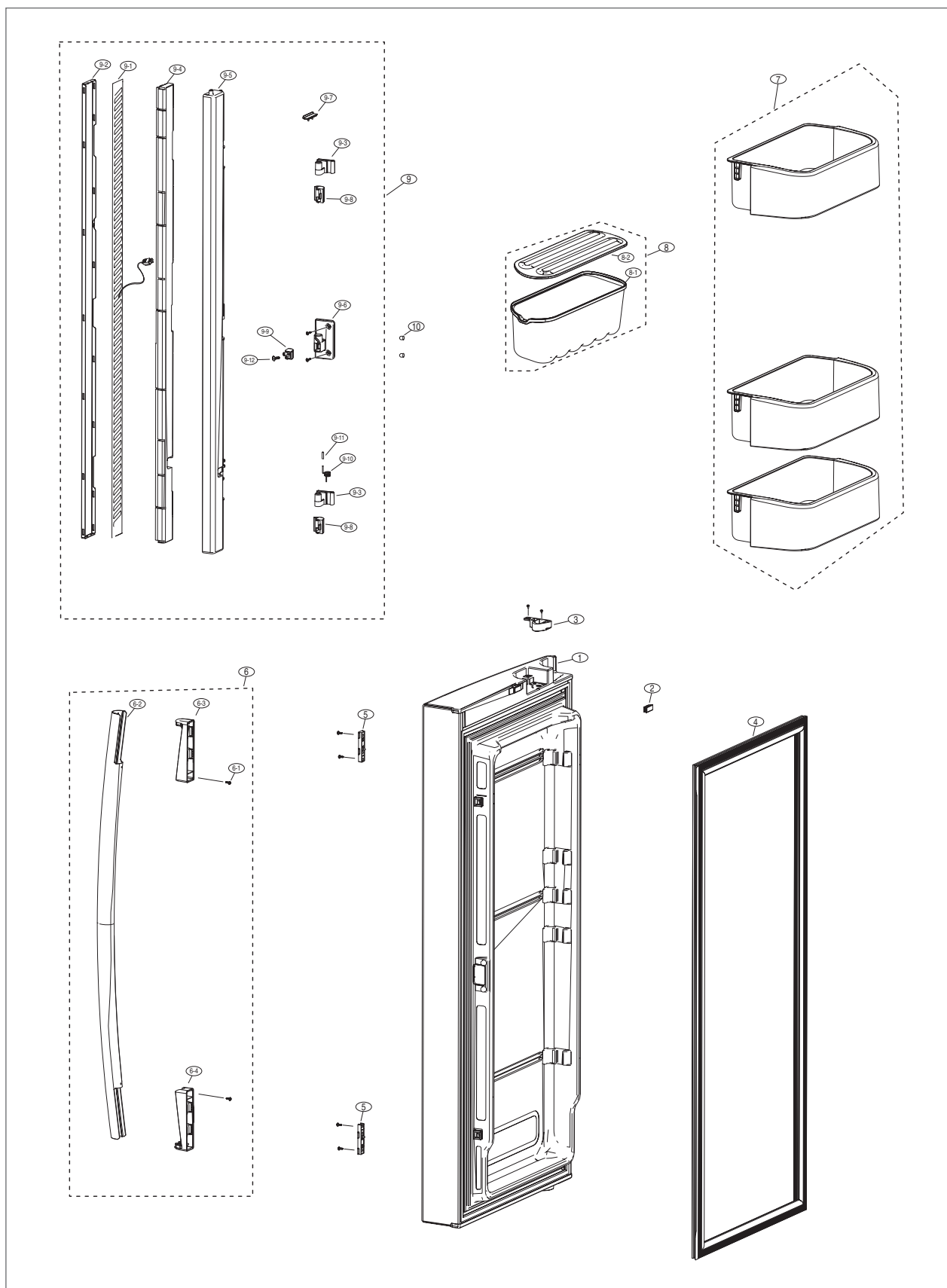
5-4) Disassembly of Freeze Door



■ Parts List of Freezer Door

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5-5) Disassembly of Refrigerator DoorLeft



EXPLODED VIEW & PARTS LIST

■ Parts List of Refrigerator Door-Left

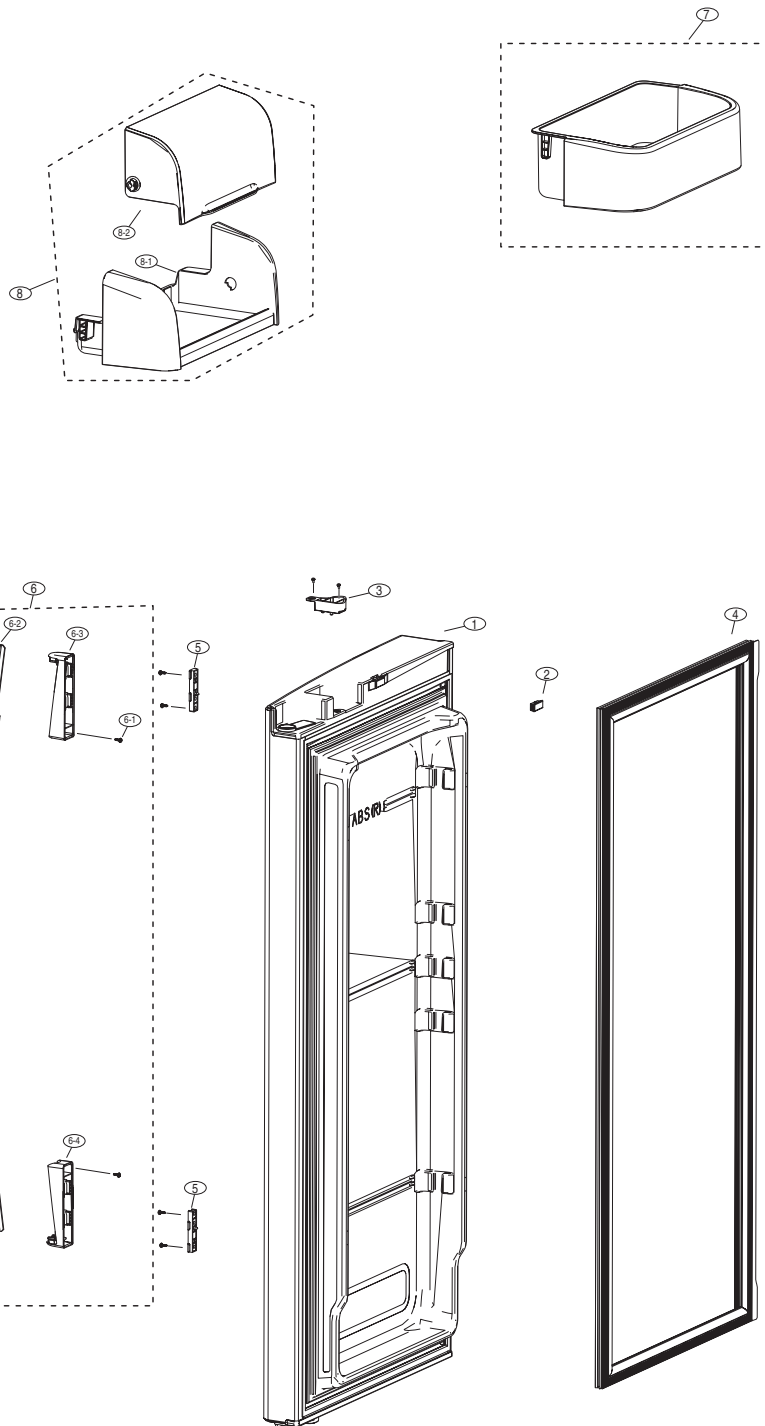
NO	CODE-NO	PART NAME	SPEC	QUAN TITY	SVC-CODE	REMARK
1	DA91-02460 A	ASSY DOOR FOAM REF L	AW-PJT,Empire-Black,iBLACK	1		
1	DA91-02460 B	ASSY DOOR FOAM REF L	AW-PJT,Versailles STS,Noble-STS	1		
1	DA91-02460 C	ASSY DOOR FOAM REF L	AW-PJT, Snow-White	1		
1	DA91-02460 D	ASSY DOOR FOAM REF L	AW-PJT, Platinum-STS,Noble-STS	1		
2	DA61-02738 E	MAGNET-ASS'Y	CORE-PJT,T5,W7,L18,iBLACK	1	RE083	
2	DA61-02738 F	MAGNET-ASS'Y	CORE-PJT,T5,W7,L18,Creamy-gray	1	RE083	
2	DA61-02738 A	MAGNET-ASS'Y	CORE-PJT,T5,W7,L18,Snow-White	1	RE083	
3	DA66-00442A	CAM AUTO CLOSE L	AW-PJT,Nylon6,iBLACK	1	RO175	
3	DA66-00442 B	CAM AUTO CLOSE L	AW-PJT,Nylon6,Creamy-STS	1	RO175	
3	DA66-00442 C	CAM AUTO CLOSE L	AW-PJT,Nylon6,Snow-White	1	RO175	
4	DA97-04954A	ASSY-GASKET DOOR REF	AW-PJT,W404,L978, BLACK	1	RE016	
4	DA97-04954 B	ASSY-GASKET DOOR REF	AW-PJT,W404,L978, GRAY	1	RE016	
5	DA61-02984A	FIXER-HANDLE	ATOP 06,POM,NTR,	2	RO061	
6	DA97-04417N	ASSY HANDLE-BAR	AW-PJT,,,,,,MATURE BLACK	1		
6-1	6002-000215	SCREW-TAPPING	TH,+,1,M4.0,L16,ZPC(WHT),SWRCH18A	2	RS080	
6-2	DA64-01979A	HANDLE BAR	ATOP 06,AL(A6063), MATURE-BLACK	1	RO017	
6-3	DA67-01527E	CAP-HANDLE UPP	ATOP06,ABS(HG0760), iBLACK	1	RO106	
6-4	DA67-01528E	CAP-HANDLE LOW	ATOP06,ABS(HG0760), iBLACK	1	RO058	
6	DA97-04417J	ASSY HANDLE-BAR	AW-PJT,,,,,,VERSAILLES SILVER	1		
6-1	6002-000215	SCREW-TAPPING	TH,+,1,M4.0,L16,ZPC(WHT),SWRCH18A	2	RS080	
6-2	DA64-01979E	HANDLE BAR	A-TOP06,AL(A6063),,,,VERSAILLES SILVER(SC-05061T),VERTICAL HAIR LINE	1	RO017	
6-3	DA67-01527 F	CAP-HANDLE UPP	ATOP06,ABS(HG0760), Versailles-Silver	1	RO106	
6-4	DA67-01528 F	CAP-HANDLE LOW	ATOP06,ABS(HG0760), Versailles-Silver	1	RO058	
6	DA97-04417D	ASSY HANDLE-BAR	A-TOP06,AL(0603),-,L8762-,SNOW-WHITE	1		
6-1	6002-000215	SCREW-TAPPING	TH,+,1,M4.0,L16,ZPC(WHT),SWRCH18A	2	RS080	
6-2	DA64-01979 D	HANDLE BAR	ATOP 06,AL(A6063), Snow-White	1	RO017	
6-3	DA67-01527 D	CAP-HANDLE UPP	ATOP06,ABS(HG0760), Snow-White	1	RO106	
6-4	DA67-01528 D	CAP-HANDLE LOW	ATOP06,ABS(HG0760), Snow-White	1	RO058	
6	DA97-04417K	ASSY HANDLE-BAR	AW-PJT,,,,,,PLATIUNEM STS,-	1		
6-1	6002-000215	SCREW-TAPPING	TH,+,1,M4.0,L16,ZPC(WHT),SWRCH18A	2	RS080	
6-2	DA64-01979B	HANDLE BAR	A-TOP06,AL(A6063),,,,VERSAILLES SILVER(SC-05061T),-	1	RO017	
6-3	DA67-01527F	CAP-HANDLE UPP	A-TOP06,ABS(HG-0760),,,,NOBLE-GRAY(SC-02008F),VERSAILLES SILVER(SC-05061S)	1	RO106	
6-4	DA67-01528F	CAP-HANDLE LOW	A-TOP06,ABS(HG-0760),,,,NOBLE-GRAY(SC-02008F),VERSAILLES SILVER(SC-05061S)	1	RO058	
7	DA63-03467A	GUARD-REF	AW-PJT,PP(BJ730),COOL-WHITE(SC02740R)	3	RE024	
8	DA97-02806A	ASSY TRAY-EGG	EPEL,T25,W324.5,L1222,H122.5	1	RI158	
8-1	DA63-02492A	TRAY-EGG	EPEL,GPPS,T25,W324.5,L1222,H120	1	RE022	
8-2	DA63-02491A	COVER-TRAY EGG	EPEL,GPPS,T25,W319,L116.3,H13	1	RE023	
9	DA97-05021D	ASSY-FRENCH	AW-PJT,ALL-BLACK,-,-	1		
9-1	DA47-00245B	HEATER CORD-FRENCH	AW-PJT,P-CORD,10W,-,230V,5290.2,-,-,FRENCH	1		
9-2	DA61-03207A	PLATE-FRENCH	AW-PJT,SECC1,T0.8,ALL-BLACK	1		
9-3	DA61-03230B	HINGE-FRENCH	AW-PJT,PC(HF-1023IM),,,,COOL-WHITE(SC-02740R)	2	RD098	
9-4	DA61-03234A	CASE-FRENCH	AW-PJT,ABS, SNOW-WHITE	1		
9-5	DA62-01387A	INSULATION-FRENCH	AW-PJT,FOAMPS	1	RI234	
9-6	DA63-03454A	COVER-HEATER FRENCH	AW-PJT,HIPS(HR1360), SNOW-WHITE	1	RI239	
9-7	DA63-03508A	GASKET-FRENCH	AW-PJT,SILICON, BLACK	1	RO168	
9-8	DA67-01650A	CAP-CASE FRENCH	AW-PJT,ABS,SNOW-WHITE	2	RE090	
9-9	DA67-01701A	CAP-CASE FRENCH MID	AW-PJT,ABS,SNOW-WHITE	1	RE091	
9-10	DA81-01345A	SPRING-ETC FRENCH	STS304,PH1.4	1		
9-11	DA97-05021K	PIN-FRENCH SPRING	J-BLACK	1		
9-12	6002-000213	SCREW TAPPING	TH,+,1,M4,L12,ZPC(WHT),SWRCH18A	1	RS047	
9	DA97-05021E	ASSY-FRENCH	AW-PJT,THAI SILVER	1		
9-1	DA47-00245B	HEATER CORD-FRENCH	AW-PJT,P-CORD,10W,-,230V,5290.2,FRENCH	1		

■ Parts List of Refrigerator Door-Left

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EXPLODED VIEW & PARTS LIST

5-6) Disassembly of Refrigerator Door Right



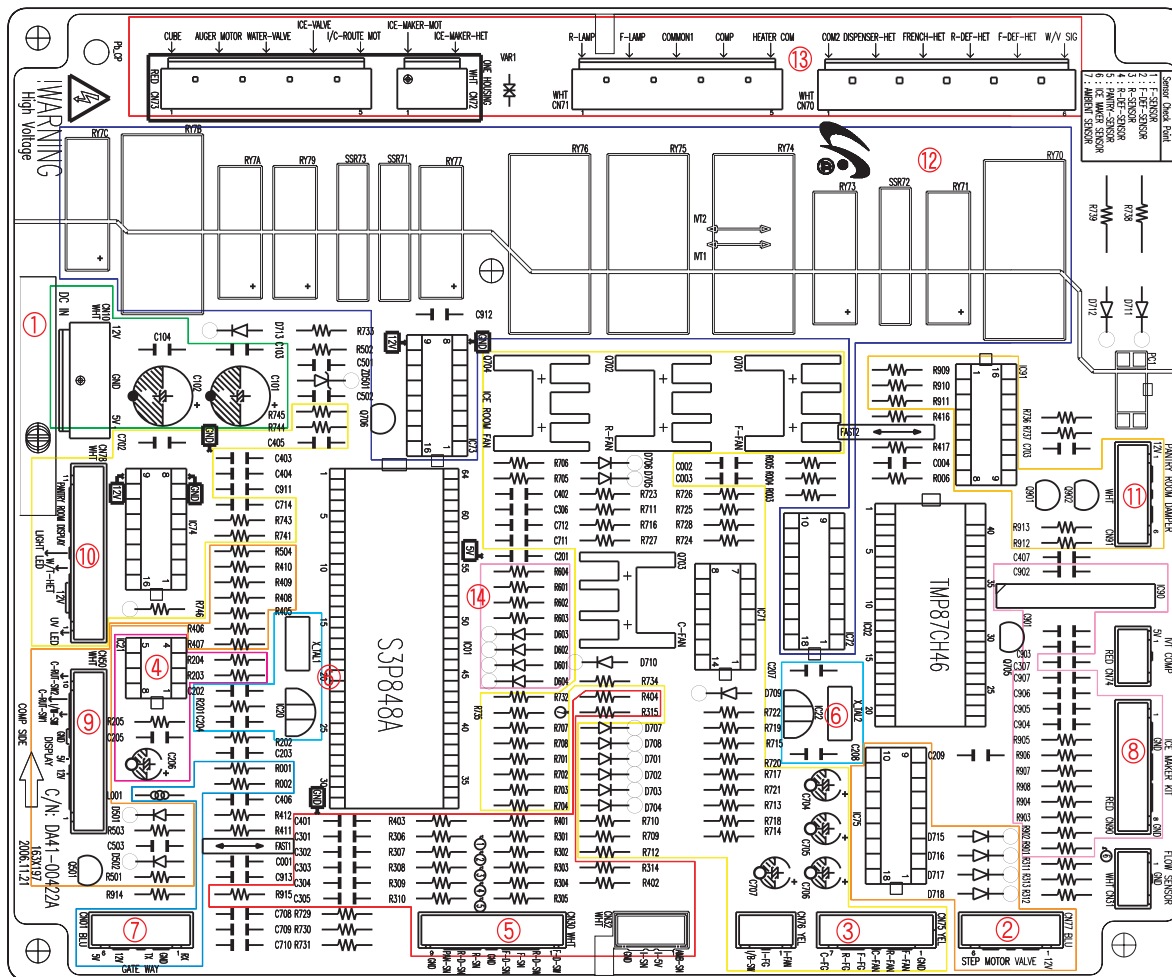
■ Parts List of Refrigerator Door-Right

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6. PCB Layout with part position

6-1) PCB Layout with part position	111
6-2) PCB Layout with part position (SMPS Board)	112
6-3) Connector Layout with part position (Main Board)	113
6-4) Connector Layout with part position (SMPS oard)	115

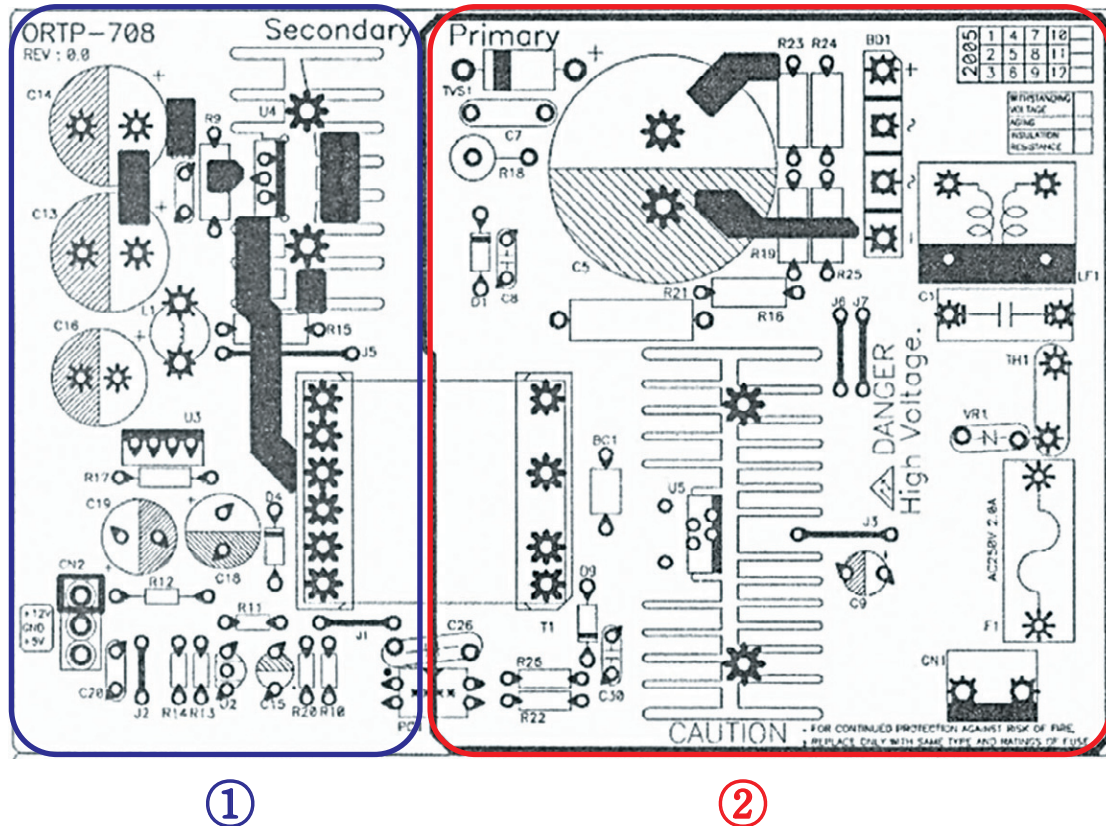
6-1) PCB Layout with part position



1. DC12V,5V,GND supplied from SMPS PCB
2. Circuit for controlling Step-Valve (3-Way Valve) * Option
3. FAN MOTOR control part : To supply the power from 8.3V ~ 12V according to the motor types. (F,R,C,ICE)
4. EEPROM : Save and record every kinds of data.
5. Transmit inputted signals from every sensor into MICOM after eliminate the noise .
6. Micom : control the refrigerator Ceramic resonator : generate the basic frequency of Micom operation.
Reset IC : make Micom reset if input voltage of Micom is detected less than the specified voltage
7. PLC input/output
- PLC (Power Line communication) * Option(PLC module is not inserted unless specified occasion)
8. Operate ICE-MAKER, supply power to MOTOR, and sense the variation of switch.
9. Main Micom↔ Panel Micom serial communication circuit
- Dispenser option input part (Water & Cover Ice route switch)
10. Pantry room display control part : display LED, detect KEY state.
11. Control Pantry room damper & Damper heater
12. Relay part for controlling the AC load : Relay control IC makes the relay ON/OFF by Micom signal.
13. Connector part : connect AC load
14. Diode option setting part

PCB Layout with part position

6-2) PCB Layout with part position (SMPS Board)



Switching mode power supply

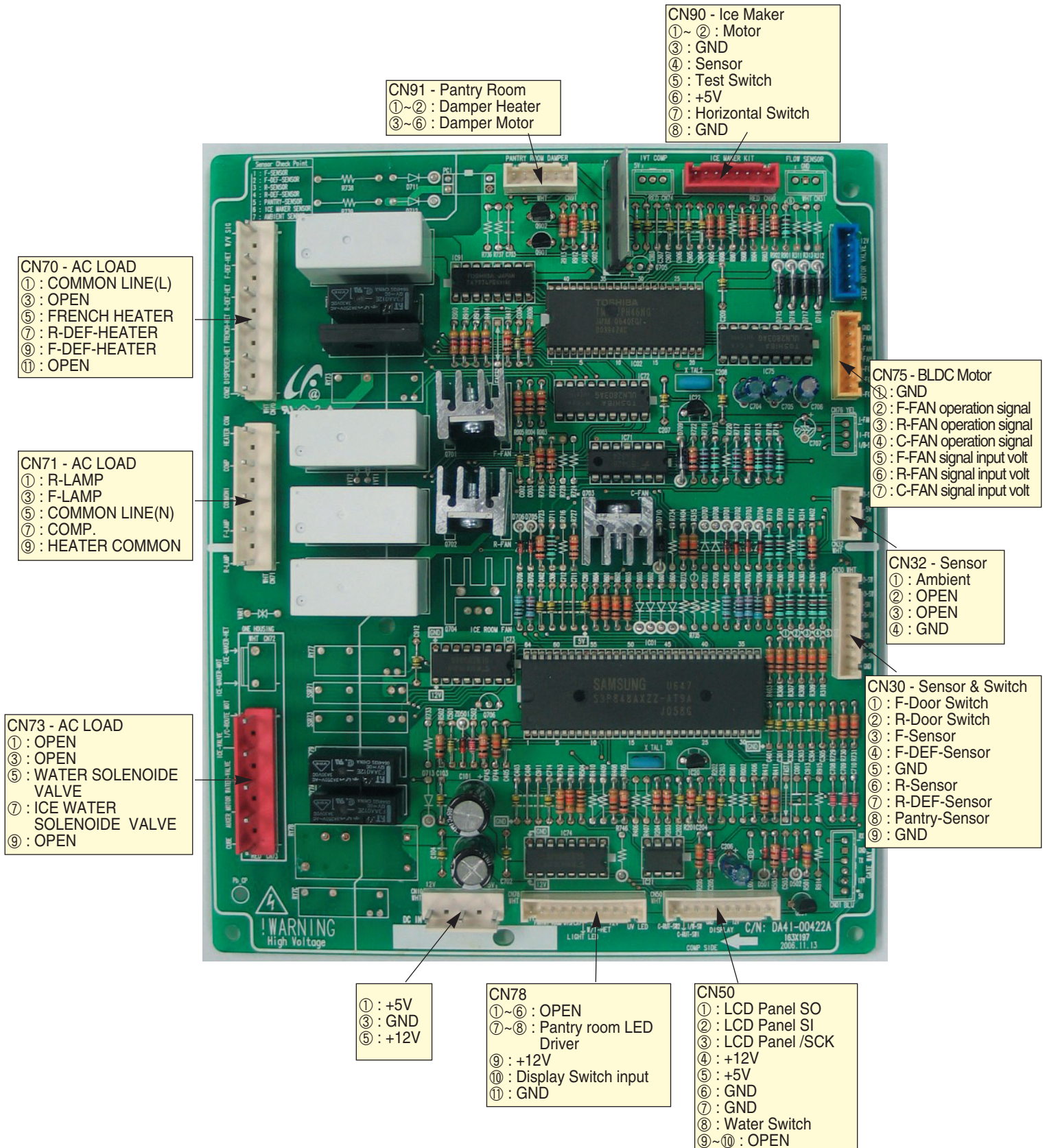
Circuit : change the AC voltage to DC voltage that needs for controlling the appliance.

1. BLOCK : Rectify the inputted AC voltage to DC voltage
2. BLOCK : Change the rectified DC voltage to DC12V & DC5V that needs for controlling the appliance with PWM IC and switching trans.

PCB Layout with part position

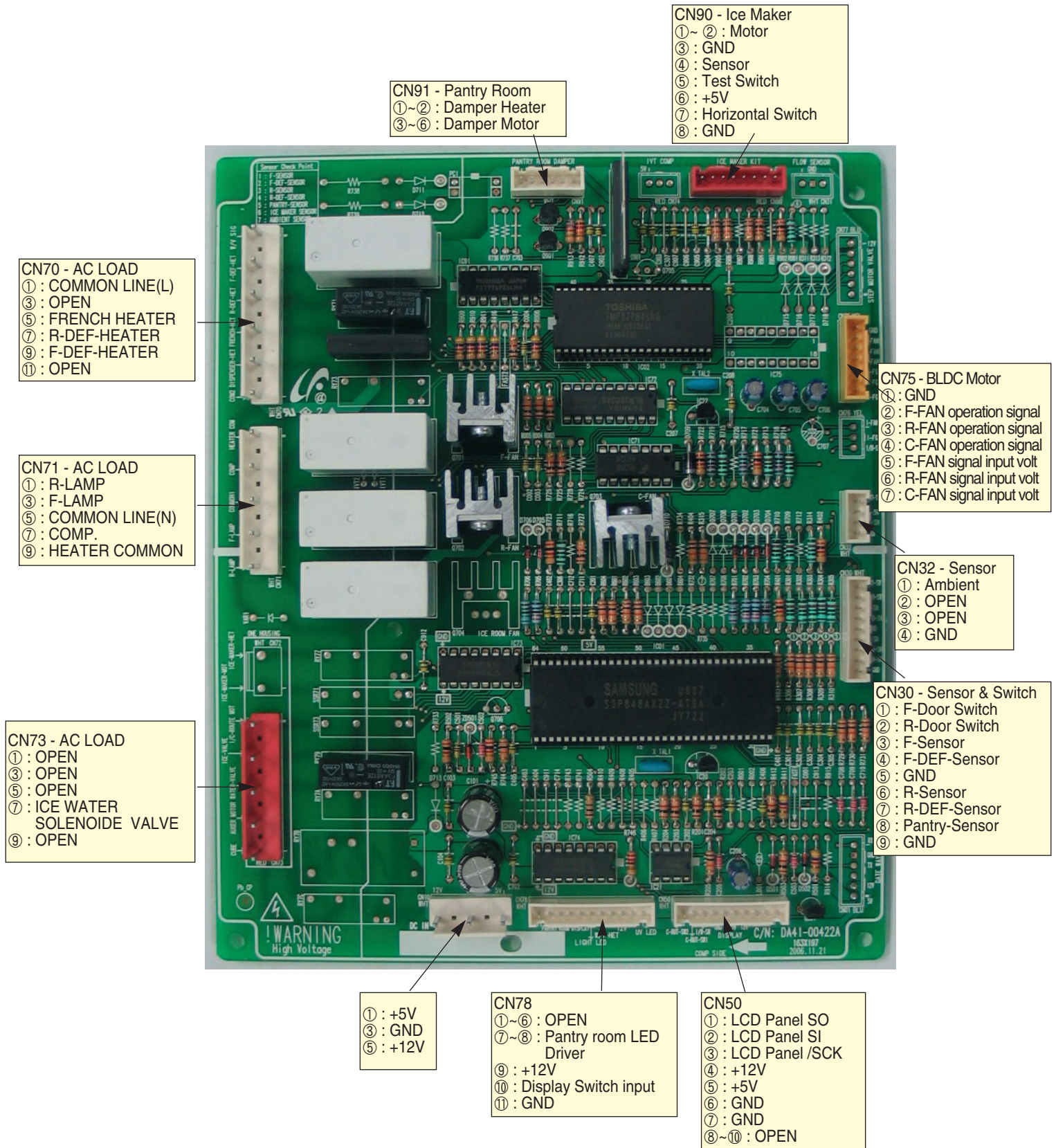
6-3) Connector Layout with part position (Main Board)

6-3-1. RF266**



PCB Layout with part position

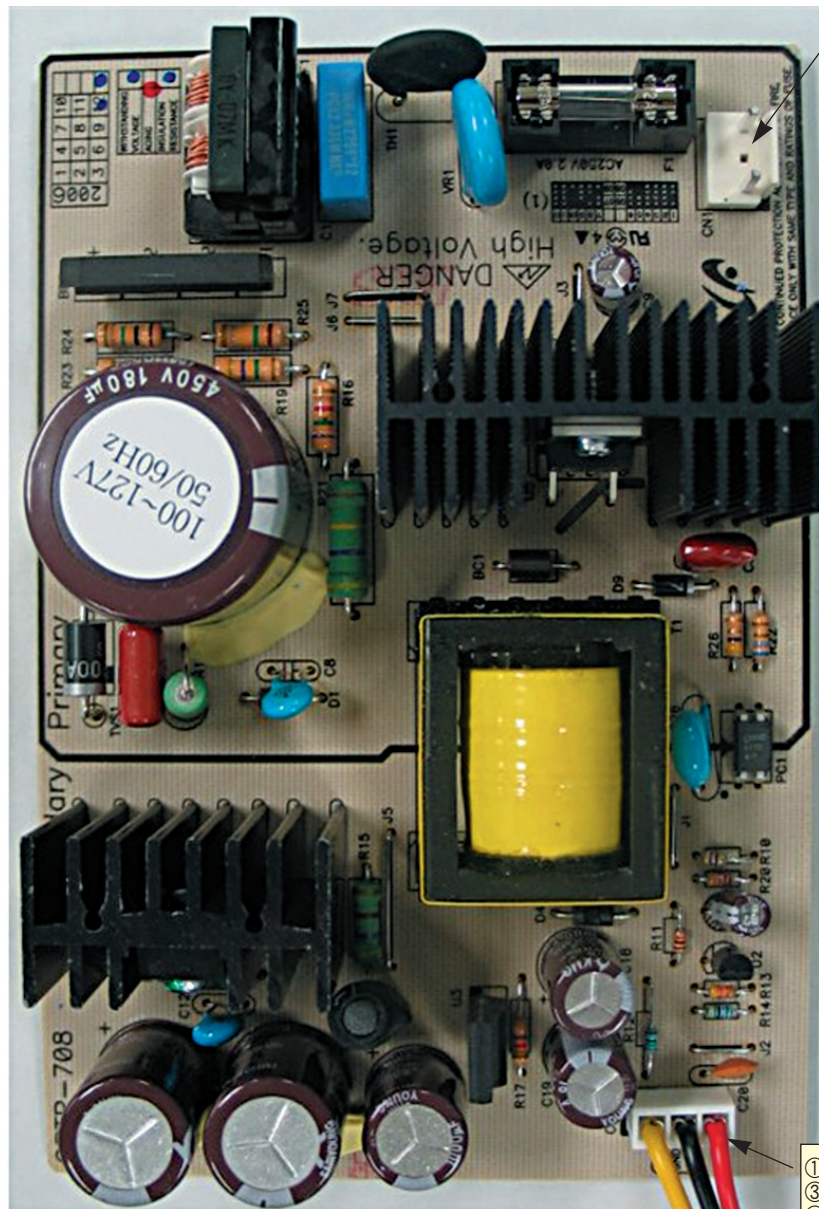
6-3-2. RF265**/RF26NB



PCB Layout with part position

6-4) Connector Layout with part position (SMPS Board)

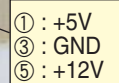
RF265/266



CN1
① : COMMON LINE(L)
③ : COMMON LINE(N)

① : +5V
③ : GND
⑤ : +12V

CN1
① : COMMON LINE(L)
③ : COMMON LINE(N)



7-1) Model : RF266*



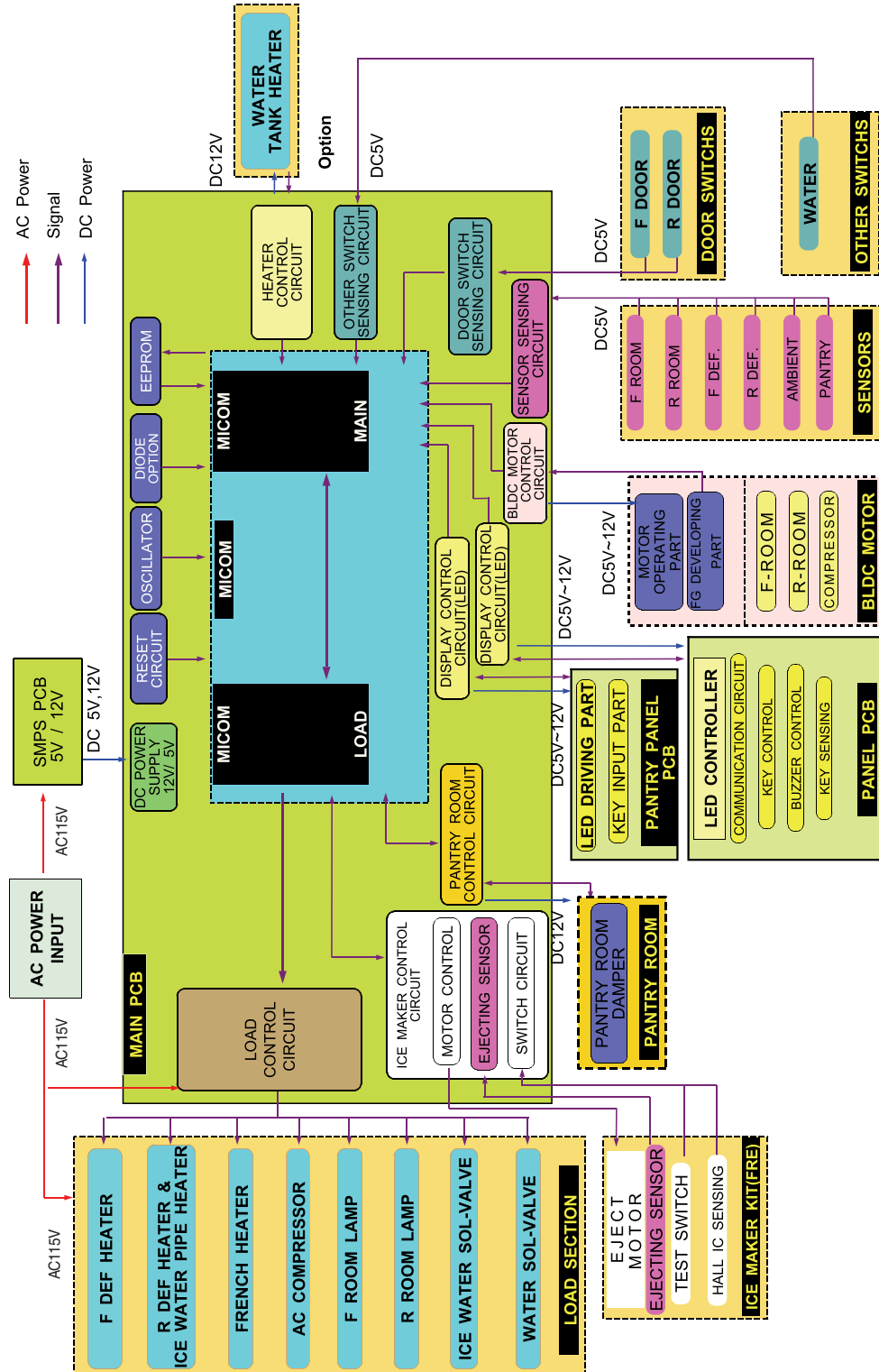
7-2) Model : RF265*/RF26NB



8. Schematic Diagram

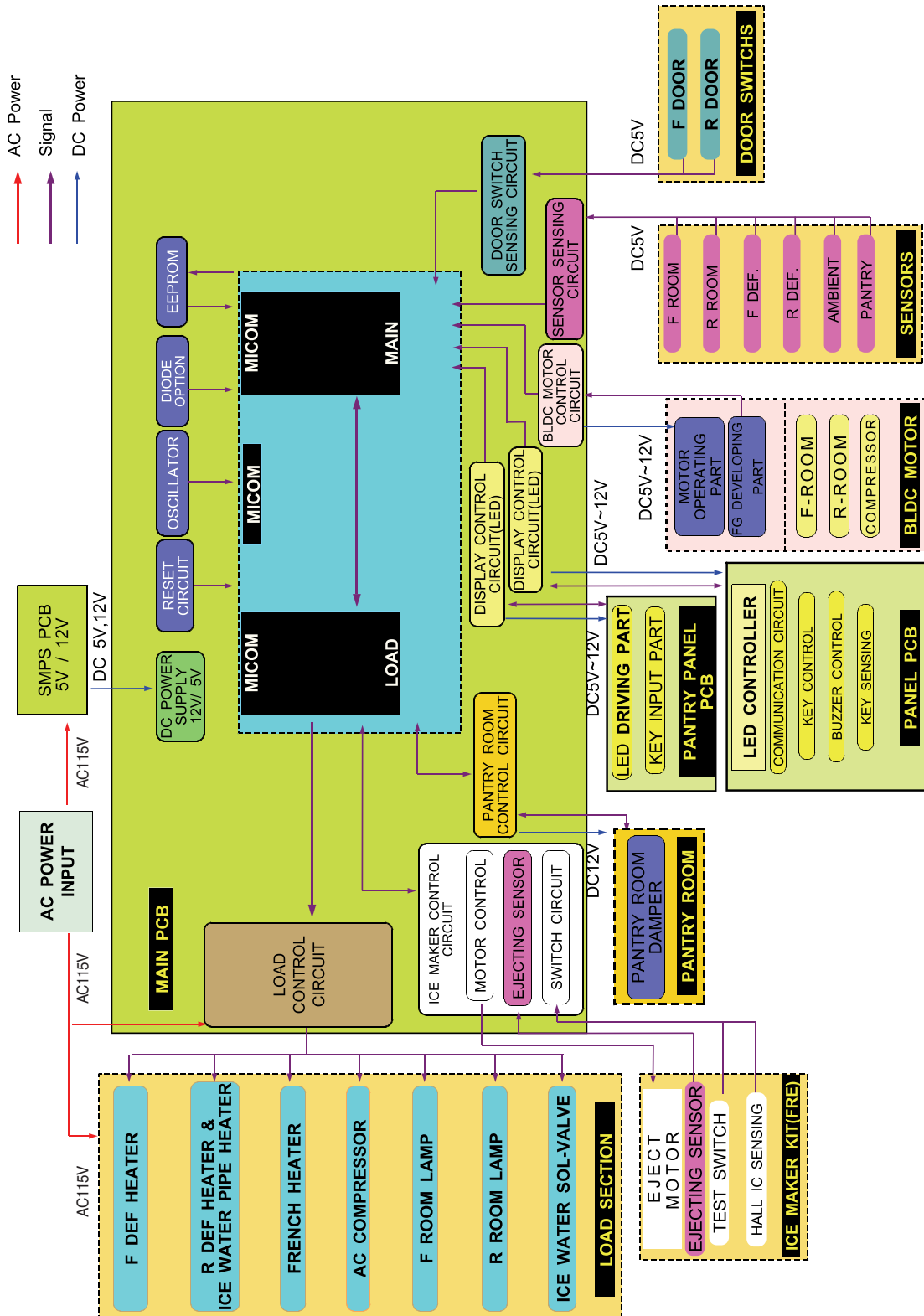
8-1) Whole block diagram

8-1-1. MODEL : RF266**(BETTER)



Schematic Diagram

8-1-2. MODEL : RF265**(GOOD) / RF26NB



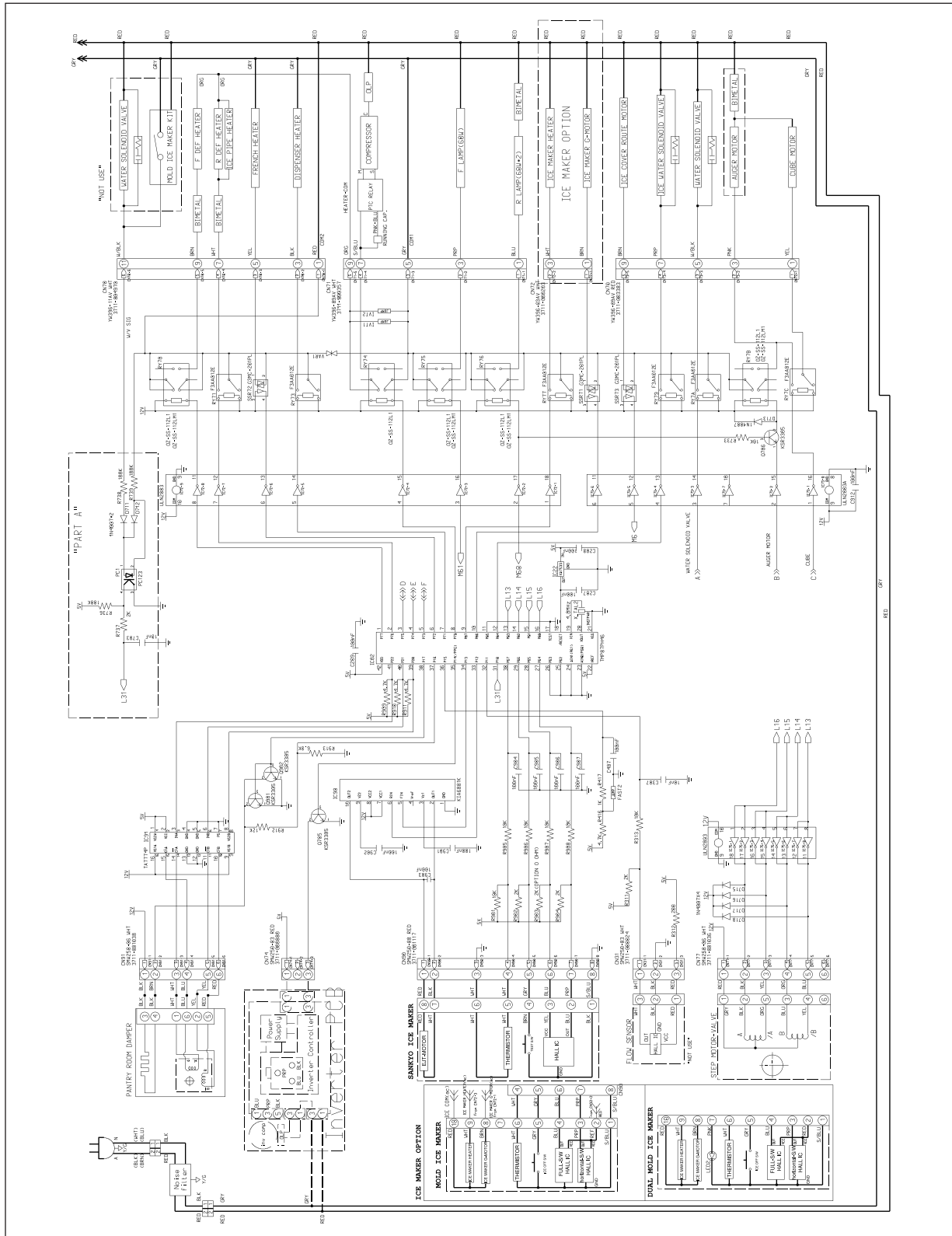
8-2) CIRCUIT DIAGRAM

[illegible]

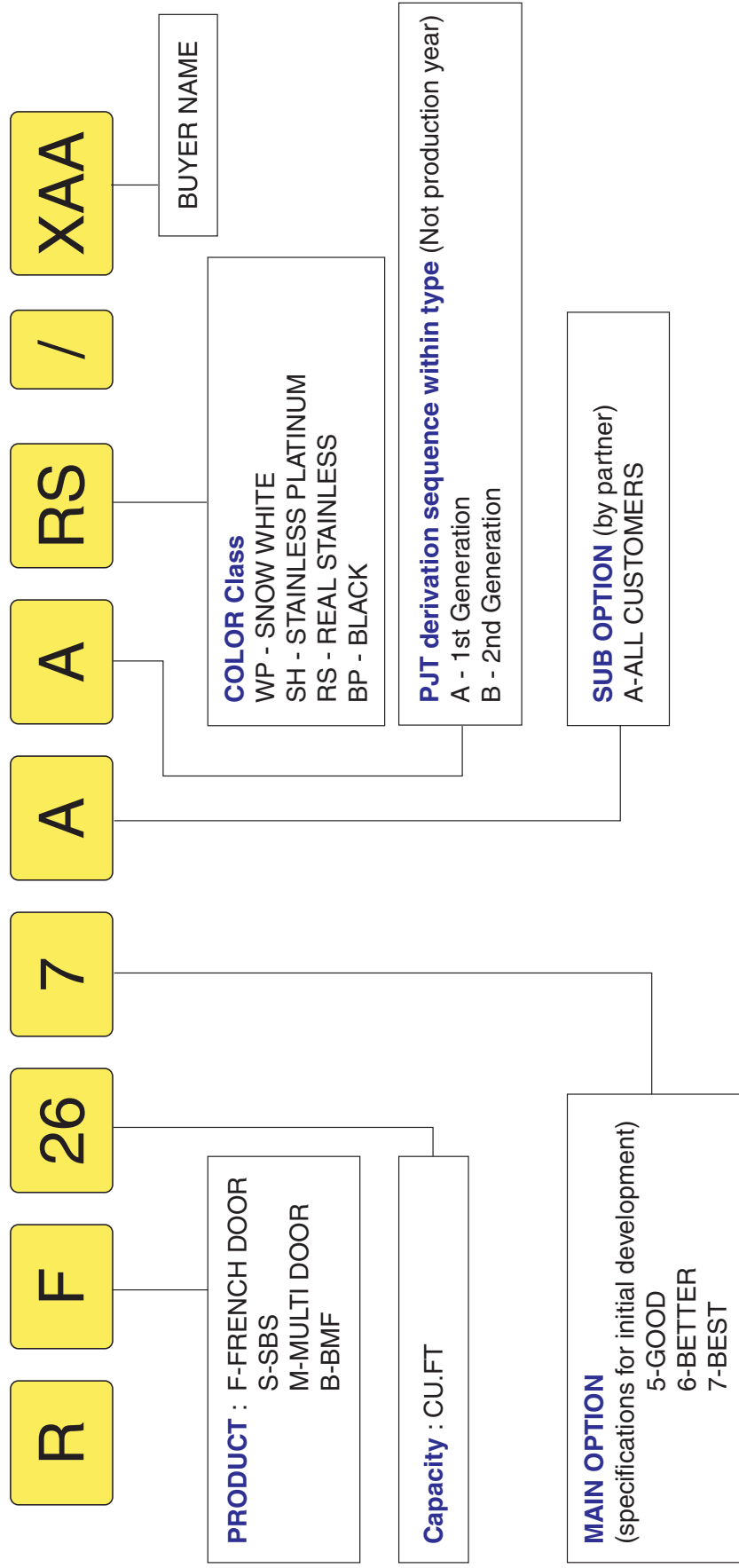
Schematic Diagram

8-2) CIRCUIT DIAGRAM

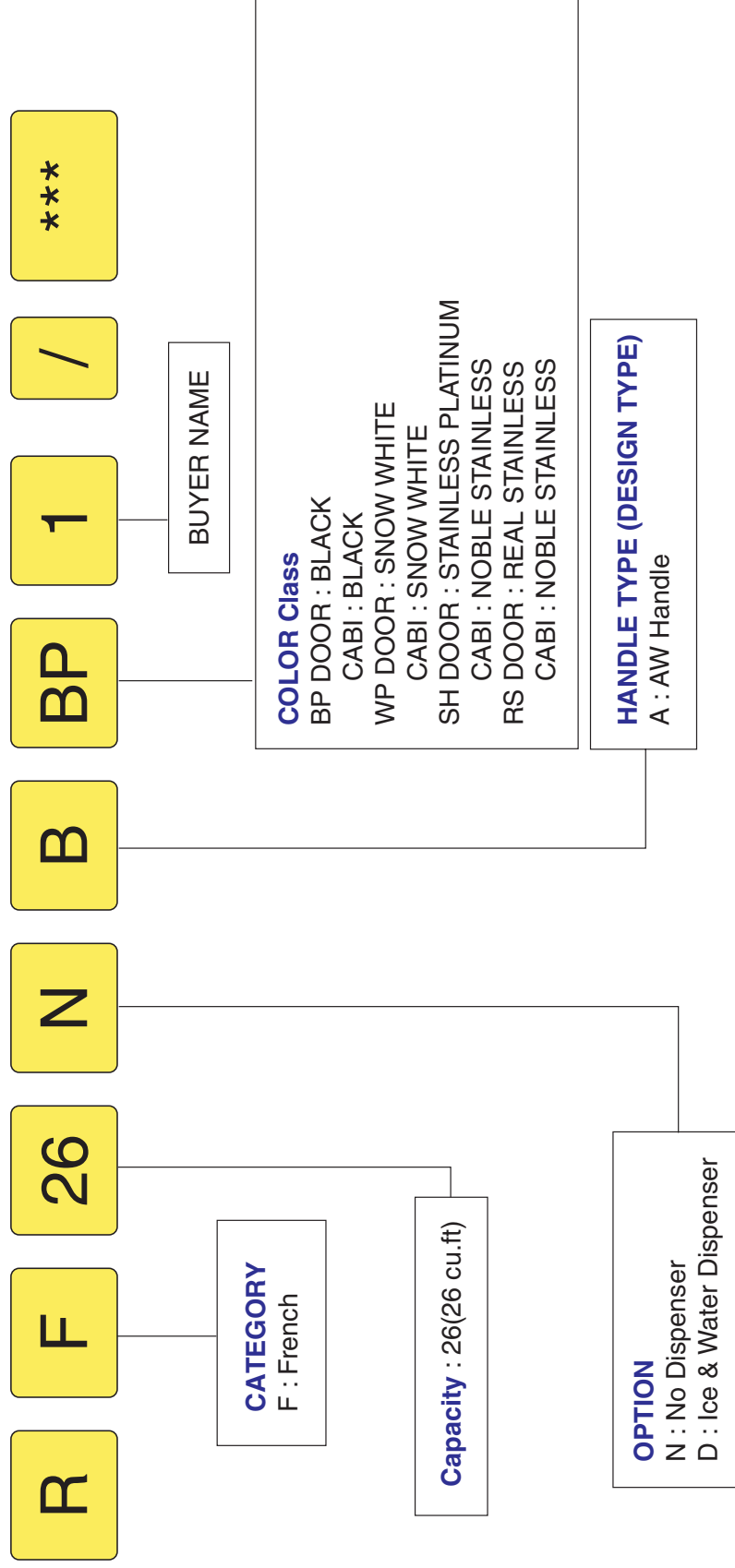
8-2-2. Sheet 2 of 2



Model name (nomenclature) - RF265AA, RF266AA



Model name (nomenclature) - RF26NB





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