



REFRIGERATOR

SIDE BY SIDE

BASIC : RS261MD**

MODEL NAME : RS267TD**

RS265TD**

RS264TD**

SERVICE GUIDE

REFRIGERATOR



RS267TD**, RS265TD**

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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 CO., LTD

Technical Service Guide

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1. PRECAUTIONS(SAFETY WARNINGS)

CAUTION/WARNING SYMBOLS DISPLAYED

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

SYMBOLS

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

1. PRECAUTIONS(SAFETY WARNINGS)

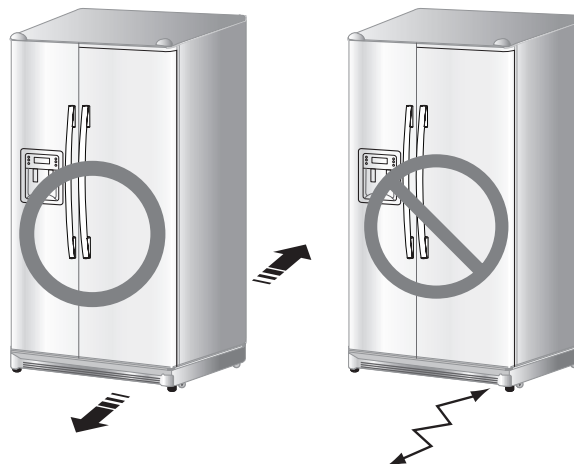


Warning & Caution



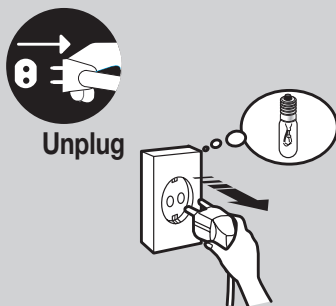
CAUTION

When installing, servicing, or cleaning behind the refrigerator, be sure to pull the unit straight out and push back in straight after finishing. Also, make sure your floor supports the full-load refrigerator. Otherwise, it may cause floor damage.



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

- This will prevent danger of electric shock.



Unplug

Use only rated components for replacement.

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



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

- Bundle wires tightly so that they are not detached easily and get wet.



When repairing, completely remove dust and foreign substances from housing, wiring, joint etc..

- It may prevent fire due to tracking or short.



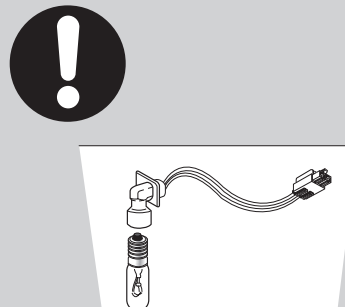
After repair, check the assembled state of components.

- It must be in the same assembled state as 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.



1. PRECAUTIONS(SAFETY WARNINGS)

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



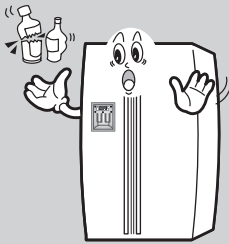
Warning & Caution

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

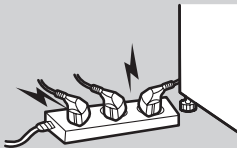


Do not allow users to insert the power plugs for many products at the same time.

- May cause abnormal generation of heat or fire.



Prohibition

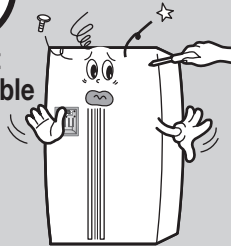


Do not allow users to disassemble, repair or alter.

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

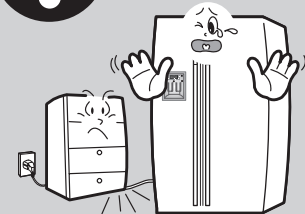


Do not disassemble



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.

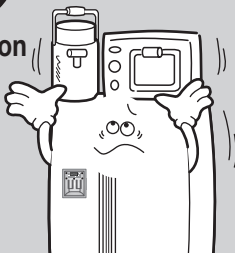


Do not allow users to store articles on the product.

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

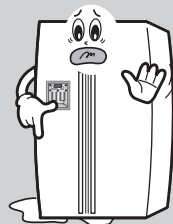


Prohibition



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.

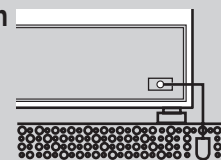


Make sure of the earth.

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



Earth







2. PRODUCT SPECIFICATIONS

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2. PRODUCT SPECIFICATIONS

2-1) INTRODUCTION OF MAIN FUNCTION

- Comparison sith basic

Changed Part		Description	Basic	Current
CABI	LAMP	Tower LED Lighting		
DOOR	DISPENSER	New Design Display		

2. PRODUCT SPECIFICATIONS

2-2) Model Specifications



This operation instruction covers various models. The characteristics of your appliance may differ slightly from those described in this manual.

Key features of your new refrigerator

Your Samsung Side-By-Side Refrigerator comes equipped with many space-saving, innovative storage and energy-efficient features.

- **Twin Cooling Plus™**

Twin Cooling™, system uses two evaporators to independently control temperature of the refrigerator and freezer compartments maintaining proper humidity levels and preventing odor transfers between compartments.

- **Multi Airflow**

Provides even cooling throughout the refrigerator to maintain optimal temperatures to keep food fresh.

- **LED Tower Lighting**

See everything in a new light with LED tower lighting.

- **CoolSelect Zone™ (Optional)**

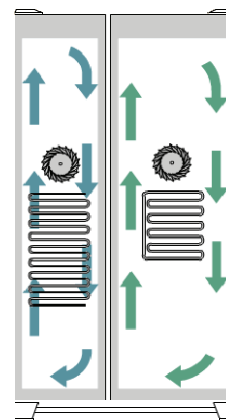
This function control the Coolselect Zone temperature after satisfying inner temperature of the Fridge compartment. But if the temperature of the Fridge compartment is under -4°C, the operation of the Fridge compartment will be off even though the Coolselect Zone temperature is not satisfied.

- **Clear View Icemaker**

The Icemaker is located in the freezer door, this ensures that all the shelf space can be fully utilized. Ice cubes are quickly produced and the clear ice bucket lets you easily see the amount of ice cubes produced.

- **Premium Design Ice & Water Dispenser**

Quick and easy access to filtered water and cubed/crushed ice at your fingertips with the external dispenser.



2. PRODUCT SPECIFICATIONS

2-2) Specifications

ELECTRICAL SPECIFICATIONS

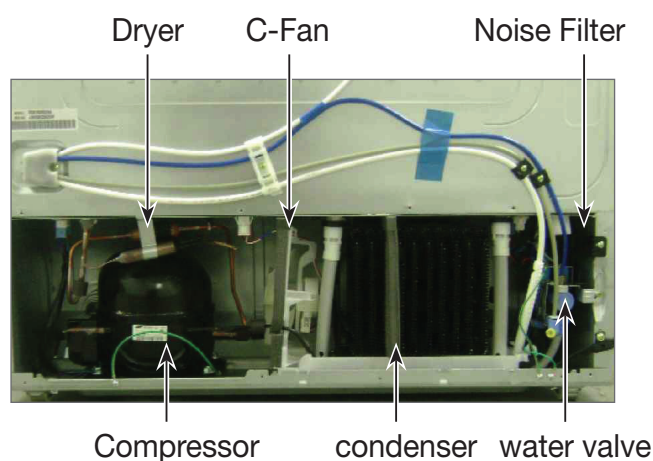
Defrost Control	From 16 to 40 hrs
Defrost Thermistor(502AT)	8 °C(off)
Electrical Rating H(115V/60Hz)	11.6 Amps
Maximum Current Leakage	0.25 mA
Maximum Ground Path Resistance	0.1 Ohm
Energy Consumption	580 kWh/yr.

NO LOAD PERFORMANCE

Ambient Temperature	21 °C	32 °C
Refrigerator, °C	0~8	0~8
Freezer, °C	-23~-14	-23~-14
Run Time, %	< 40	< 60

REFRIGERATION SYSTEM

Refrigerant Charge (R134a)	7.41 oz
Compressor	888.9 Btu/hr
Compressor oil	Freol α -10
Capillary tube(Dia, Length)	0.033 " ,130 "
Dryer	Molecular Sieve XH-9

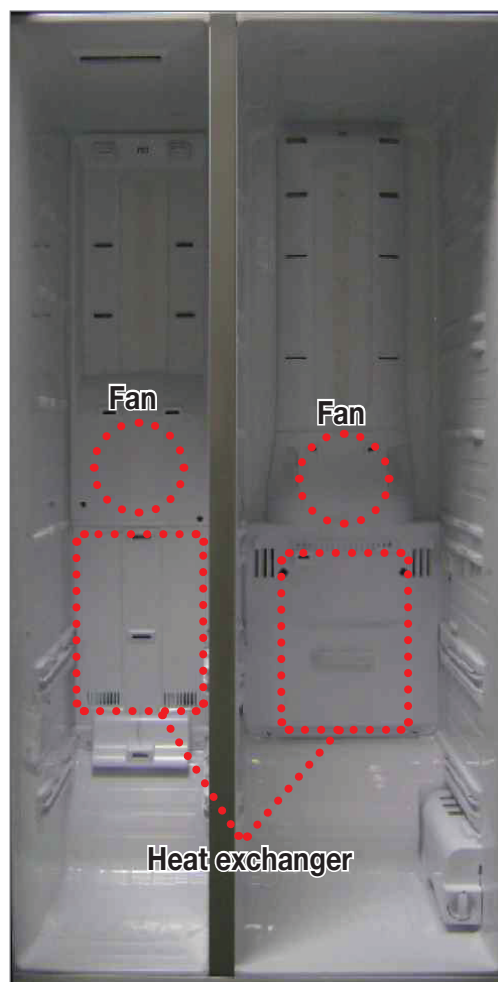


INSTALLATION

Clearance must be provided for air circulation	
AT TOP	2"
AT SIDES	2"
AT REAR	2"

Freezer

Refrigerator



MODELS

RS267 / RS265 / RS264

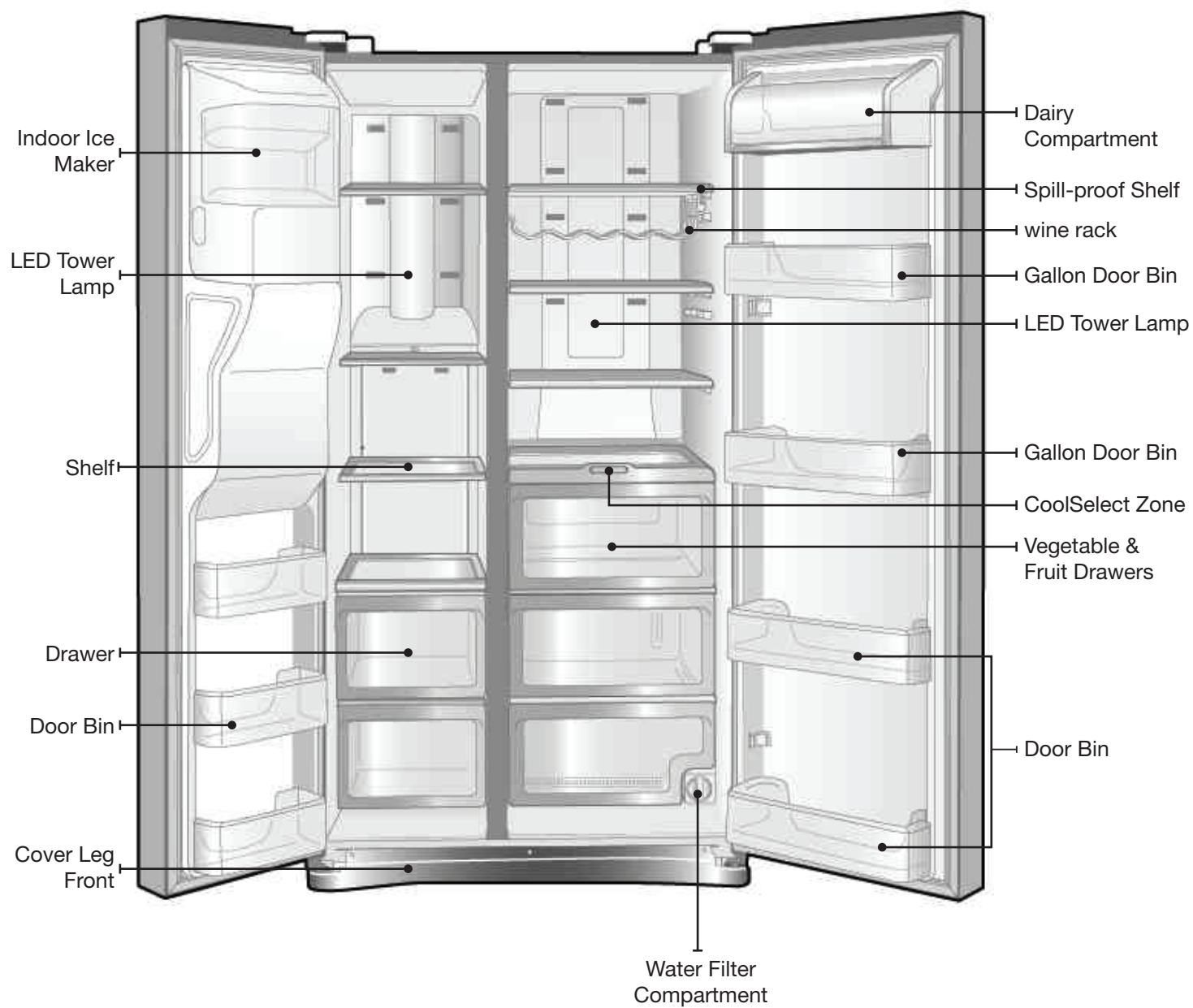
REPLACEMENT PARTS

Main PCB Assy R(S267)	DA41-00670A
Main PCB Assy R(S265)	DA41-00670C
Main PCB Assy R(S264)	DA41-00670B
Thermistor(Freezer)	DA32-10109W
Thermistor(Freezer Evaporator)	DA32-00029N
Thermistor(Refrigerator)	DA32-10105U
Thermistor(Refrigerator Evaporator)	DA32-00029Q
Thermistor(Ambient)	D-A32-10109B
Thermistor(Ice-Maker)	D-A32-00028A
Overload Relay	D-A34-00004D
Fan-Motor(FRE)	DA31-00146E
Fan-Motor(REF)	D-A31-00146J
Fan-Motor(Circuit)	DA31-00146B
Fan-Motor(Box Fan)	DA31-00070D

2. PRODUCT SPECIFICATIONS

2-3) INTERIOR VIEWS

Freezer



2. PRODUCT SPECIFICATIONS

2-4) MODEL SPECIFICATION & COMPARISON CHART

ITEM		Specification
MODEL		RS267TD** /RS265TD** / RS264TD**
Net Capacity	TOTAL	25.5 cu.ft
	Refrigerator	9.96 cu.ft
	Freezer	15.54 cu.ft
Net Dimension(W x D x H)		36 1/20" x 33 3/4" x 69 15/16"
Rated Input Voltage and Frequenc		AC 115V/60Hz
Motor Rated Consumption Power		140 W
Electric Heater Rated Consumption Power		330 W
Type of Refrigerator		No Frost cooling Refrigerator
Refrigerant		R134a
Refrigerant Input Amount		7.76oz
Product Weight		304.3 lb

2. PRODUCT SPECIFICATIONS

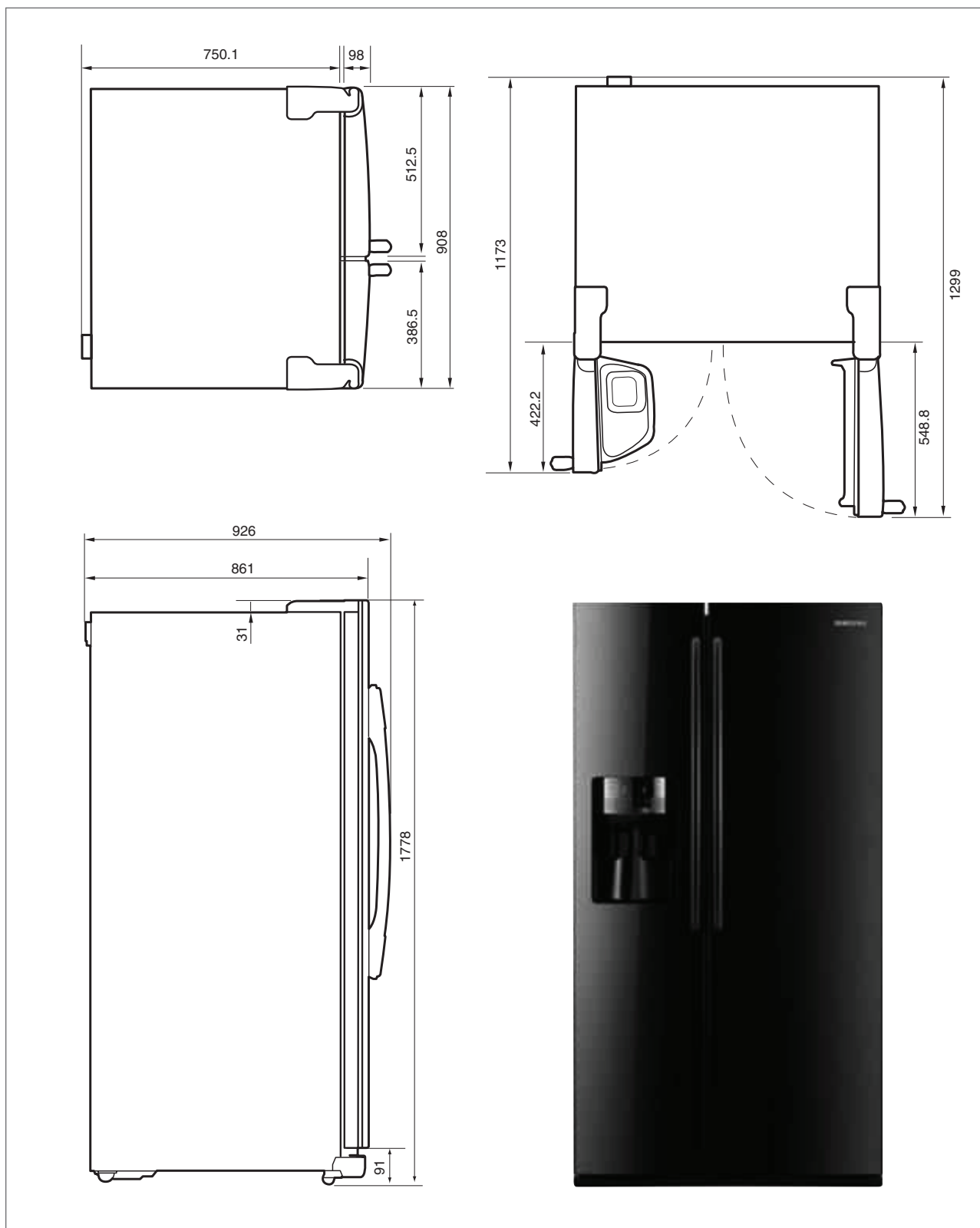
Items				Specification	
Models				RS267TD** /RS265TD** / RS264TD**	
Components for Freezer	Compressor		Model	BK190C-L2C/SM1	
			Starting type	BLDC (Concentration Type)	
			Oil Charge	FREOL α -10	
	Evaporator		Freezer	SPLIT FIN TYPE	
			Refrigerator	SPLIT FIN TYPE	
	Condenser			Forced and natural convection type	
	Dryer			Molecular sieve XH-9	
	Capillary tube(Dia×Length)			0.033 ”×130 ”	
	Refrigerant			R134a	
Room Temperature Sensor Components	Freezer	Model	Temperature Selection	ON(°F/ °C)	OFF(°F/ °C)
		THERMISTOR (F-SENSOR) 502AT	-14 °F (-25.6℃)	-6°F (-21.1℃)	-14°F (-25.6 °C)
			-4 °F (-20℃)	0°F (-17.8℃)	-8°F (-22.2 °C)
			8 °F (-13.3℃)	12°F (-11.1℃)	4°F (-15.6 °C)
	Refrigerator	Model	Temperature Selection	ON(°F/ °C)	OFF(°F/ °C)
		THERMISTOR (R-SENSOR) 502AT	34 °F (1.1℃)	38°F (3.3℃)	30°F (-1.1 °C)
			38 °F (3.3℃)	34°F (1.1℃)	42°F (5.6 °C)
			46 °F (7.8℃)	49°F (9.4℃)	41°F (5.0 °C)
Defrost Related Components	Defrost Cycle	First Defrost Cycle (Concurrent defrost of F and R)		6hr ± 10min (Comp on integration)	
		Defrost Cycle(FRE)		12~ 24hr(vary according to the conditions used)	
		Pause time		10 ± 2 min	
	Defrost Sensor	F Defrost-Sensor	Model	THERMISTOR (502AT)	
			SPEC	5.0kΩ at 25℃	
		R Defrost-Sensor	Model	THERMISTOR (502AT)	
			SPEC	5.0kΩ at 25℃	
	Bimetal	Rated		250V/60Hz, 10A	
		Operating temperature		Off : 60 ± 5℃, On : 40 ± 10℃	

2. PRODUCT SPECIFICATIONS

Items			Specification		
Models			RS267TD**	RS265TD**	RS267TD**
Electronic Components	Defrost Heater(FRE)	Conducting at F Defrost	AC 120V / 218W		
	Defrost Heater(REF)	Conducting at R Defrost	AC 120V / 140W		
	DISPENSER Heater	Interlock with F-FAN	AC 120V / 7W		
	Water PIPE Heater	Conducting at Water Pipe	AC 120V / 4.6W		
	Ice Maker Heater	Conducting at Ice Maker	AC 115V / 145W		
	Thermal Fuse for preventing Overheating of Refrigerator Defrost-Heater		AC 120V/15A, 170.6 ± 9°F		
	Condenser for COMP	Running	12 μ F, 250V		
		Starting	-		
	Over load Relay	Model	4TM445PHBYY-82		
		Temp.ON	266 ± 9°F		
		Temp.OFF	141.8 ± 16.2°F		
	Rated Voltage		AC 115V / 60Hz		
	MOTOR-BLDC(FRE)		DC12V / DREP5020 LB		
	MOTOR-BLDC(REF)		DC 12V / DREP5020 LD		
	MOTOR-BLDC(Circuit)		DC12V / DRCP3030 LA		
	MOTOR-BLDC(Box Fan)		DC12V / G6015S12B		
	Lamp(FRE)		DC 12V / 12EA / 240mA		
	Lamp(REF)	UPFER	DC 12V / 12EA / 240mA		
		LOWER	DC 12V / 3EA / 60mA		
	Door Switch		200 VDC / 0.5A		
	Power cord		250V / 10A		
	Earth Scerw		BSBN(BRASS SCREW)		


2. PRODUCT SPECIFICATIONS

2-5) Dimensions of Refrigerator (Inches)



2. PRODUCT SPECIFICATIONS

2-6) OPTIONAL MATERIAL SPECIFICATION

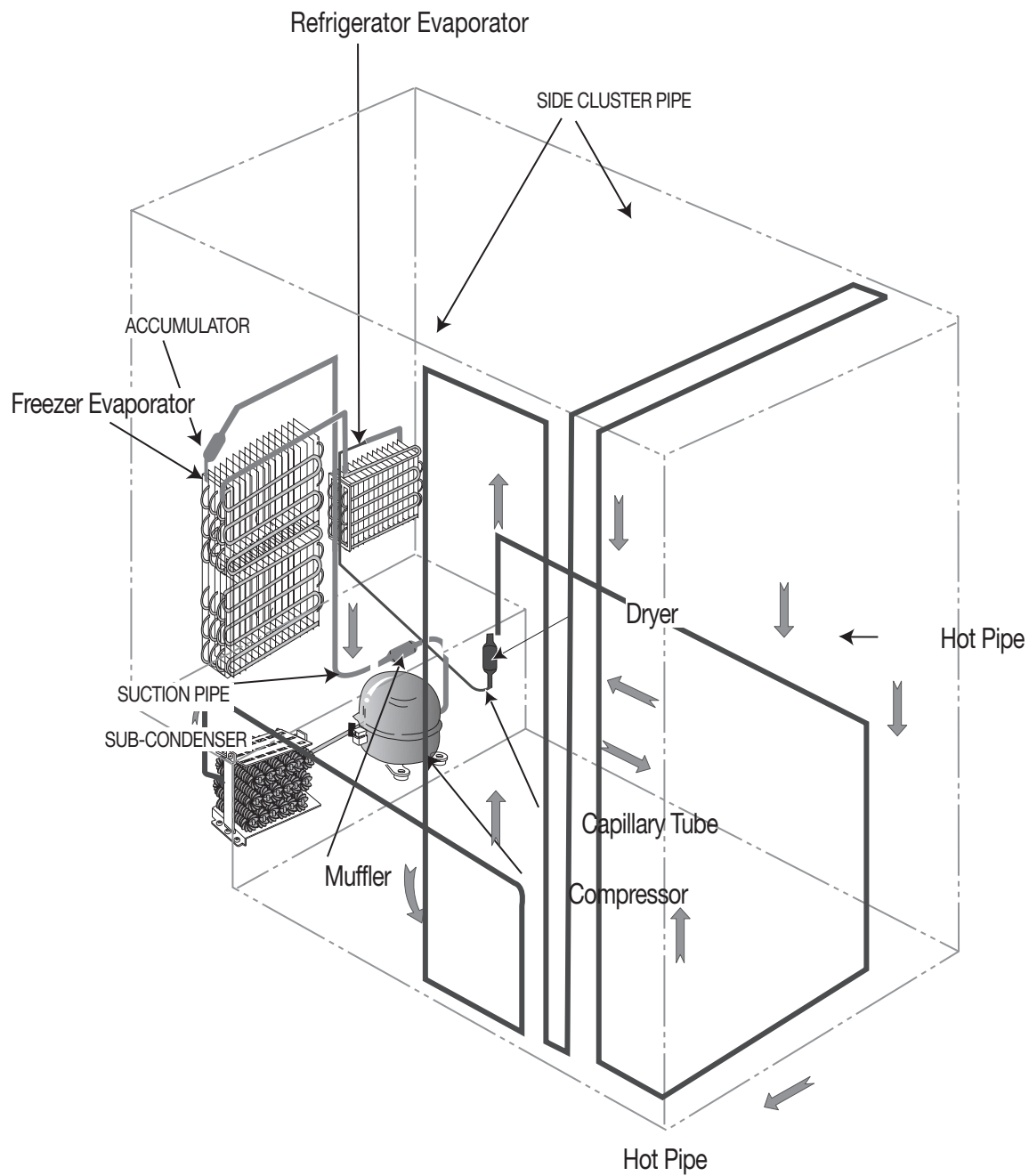
Photograph	Part Name	Part Code
	ASSY-PACKING SUB	DA99-01958M

2. PRODUCT SPECIFICATIONS

2-7) REFRIGERANT ROUTE IN REFRIGERATION CYCLE

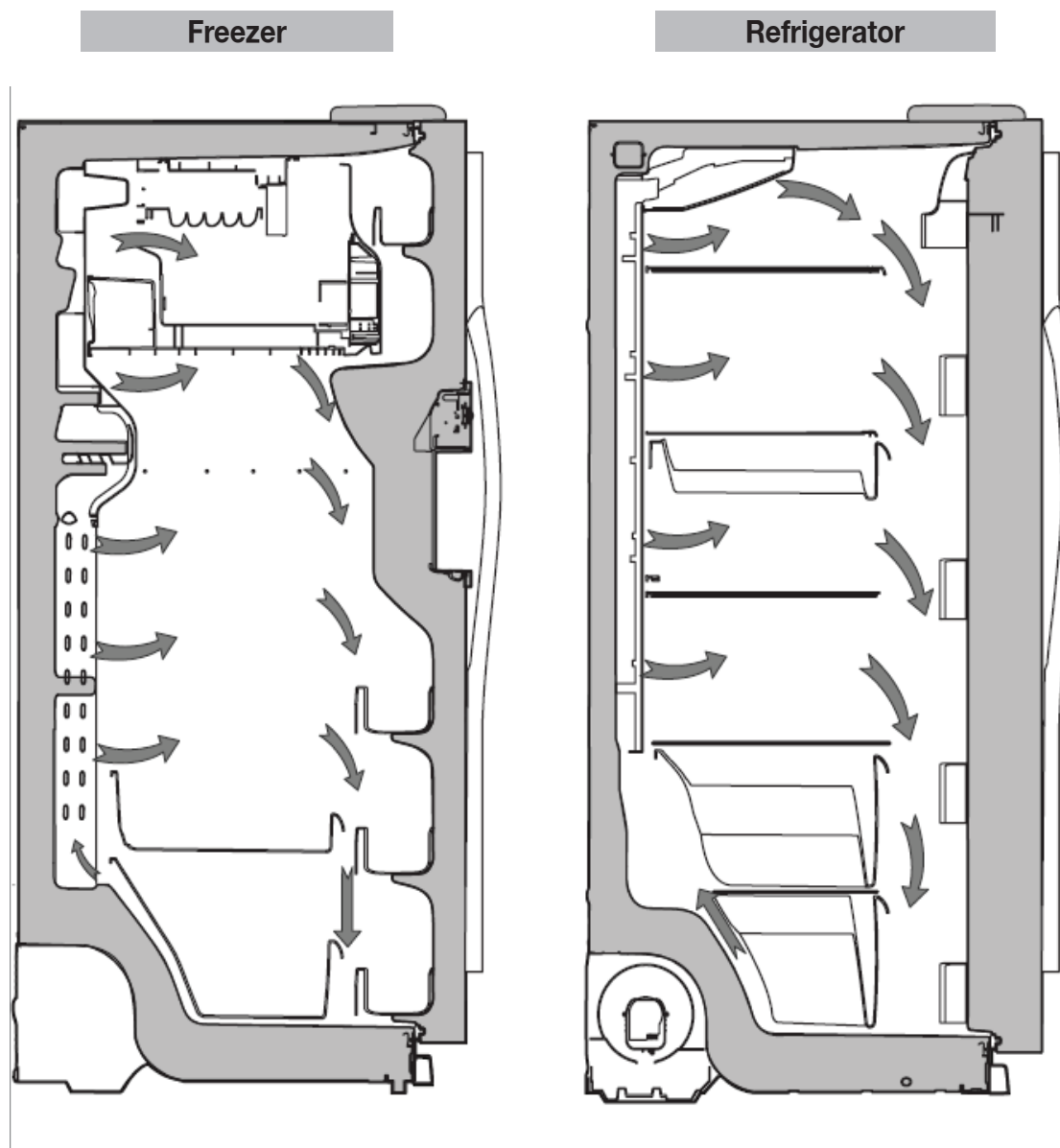
Compressor → Condenser → Hot Pipe → Dryer → Capillary Tube → Evaporator →
Suction Pipe → Compressor

참고파일 확인 요망



2. PRODUCT FEATURES

2-8) COOLING AIR CIRCULATION



3. DISASSEMBLY AND REASSEMBLY




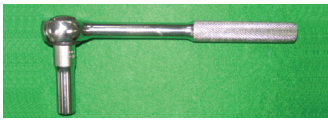
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3. DISASSEMBLY AND REASSEMBLY

3-1) CAUTION ON DISASSEMBLY



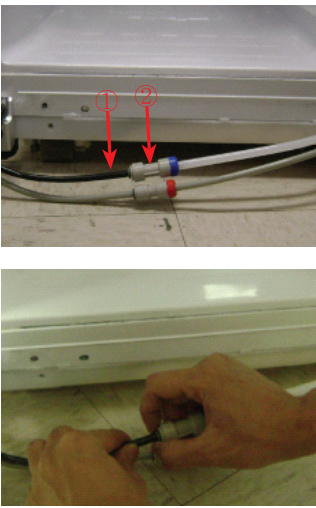

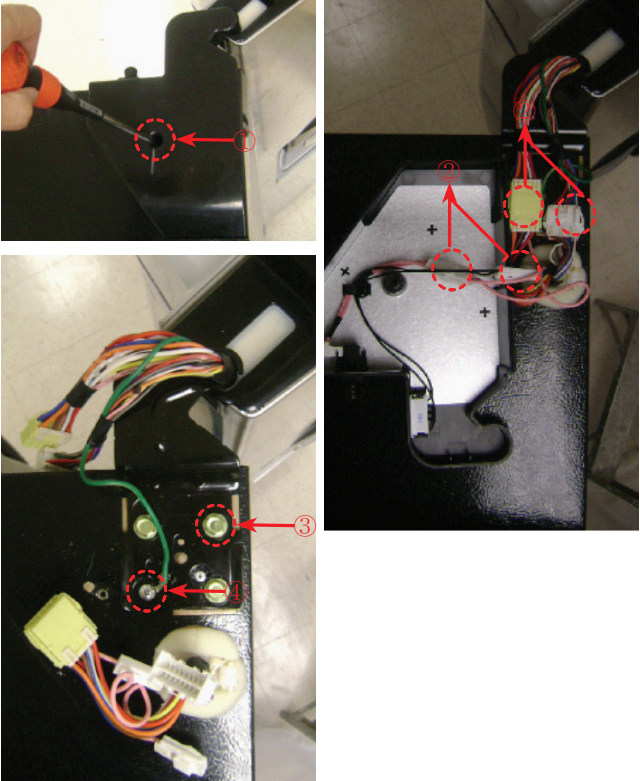
- When replacing or repairing electric components, unplug power cord before you replace or repair.
→ Be careful of electric shock
- When replacing electric components, use a regular component.
→ Be sure to check the indications like the model number, rating voltage, rating current, operation temperature etc..
- When repairing, the wiring of harness should be free from water infiltration and firm.
→ When applying force, the harness shouldn't be detached.
- When repairing, completely remove dust and foreign substances from housing, wiring, joint etc..
→ Prevents fire due to tracking or short.
- Check if water came into electric components.
→ If there is a sign of water infiltration, replace the component and take necessary action like insulation tapping etc..
- Check the assembly of the component after repairing.
→ Maintain the same status as that before repairing.
- Check the using environment of the refrigerator.
→ If the installation is made unstably or the machine is installed in humid conditions or water, change its location.
- If grounding seems necessary, ground it.
→ If there is risk of short-circuit due to water or humid conditions, be sure to earth.
- Do not plug several devices in one socket.
- Check for breakage, press, scratch, deterioration etc. of power plug and power consent.
→ Immediately repair if the power plug or power consent is defective.
→ When moving the product, be careful not to get scratch or pressed due to surrounding objects.
- Do not store food unstably or do not store bottles in the freezer.
- Do not let consumer repair the machine personally.
- Do not store other materials except food in the refrigerator.
→ Medicine, chemical sample and etc. : Home refrigerator cannot maintain precise temperature.
→ Highly flammable material (alcohol, benzene, ether, LP gas, butane gas etc.) : explosive.

- TOOLS REQUIRED FOR DISASSEMBLY

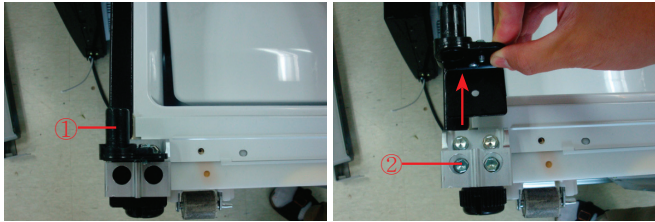
IMAGE	ITEM
	(+) SCREW DRIVER
	(-) SCREW DRIVER
	(-) SMALL SCREW DRIVER
	SOCKET WRENCH

3. DISASSEMBLY AND REASSEMBLY



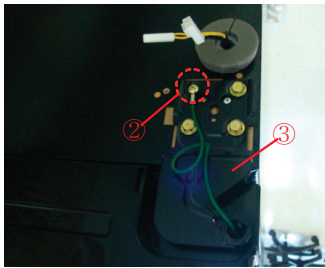
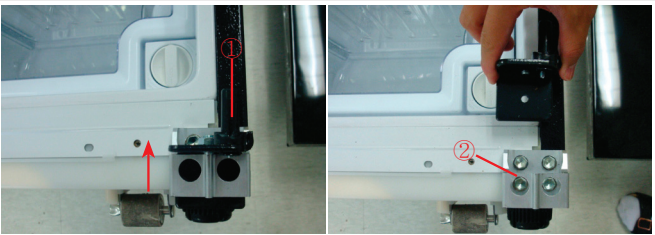
3-2) Freezer Door

Part name	How To Do	Descriptive Picture
Door Freezer	Removing the Front leg cover. 1. Open the freezer and refrigerator doors. 2. Take off the front leg cover by turning the three screw counter-clockwise.	
	Removing the Water supply line. 1. Separate the Water Supply Line from the Refrigerator by pressing the coupler(②) 2. pulling the water tube(①) away. <div>  If a red clip is on the coupler, it must be removed before removing the tube. Caution </div>	
	Removing the Upper hinge. 1. With the door closed, remove the upper hinge cover(①) using a screwdriver. 2. Disconnect the wires(②). 3. Remove hinge screws(③) and ground screw(④) counter-clockwise and take off the upper hinge(⑤) along the arrow. <div>  When disassembling, make sure the unit is turned off Caution </div>	

3. DISASSEMBLY AND REASSEMBLY

Part name	How To Do	Descriptive Picture
Door Fre	Removing the Lower hinge. 1.Remove the door from the lower hinge(①)by carefully lifting the door. 2.Remove the lower hinge from the bracket hinge(②)by lifting the lower hinge in the direction of the arrow.	

3-3) REFRIGERATOR DOOR



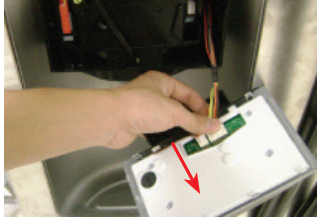

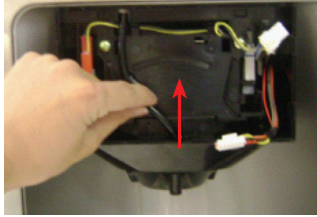
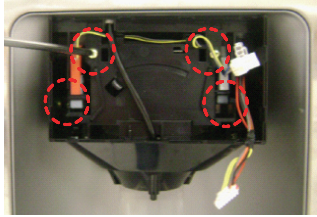
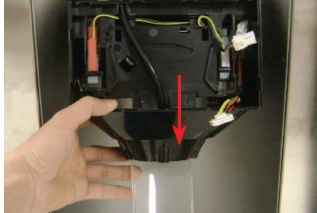
Part name	How To Do	Descriptive Picture
Door Ref	Removing the Upper hinge. 1.With the door colsed,remove the upper hinge cover(①)using a screwdriver.	
	2.Remove hinge . ground screw(②) and take off the upper hinge(③)along the arrow.  Be careful not to scratch Caution	
	Removing the Lower hinge. 1.Remove the door from the lower hinge(①)by carefully lifting the door. 2.Remove the lower hinge from the bracket hinge(②)by lifting the lower hinge in the direction of the arrow.	



- Lift the door straight up.
- Be careful not to pinch the water tubing and wire harness on the door.
- Place doors on a protected surface.
- After disassembling the freezer / refrigerator door, move it to the appropriate location.


3. DISASSEMBLY AND REASSEMBLY

3-4) Freezer Door


Part name	How To Do	Descriptive Picture
Control Panel	Turn off the Refrigerator Power Cord.	
	Insert a (-)driver on the slot as shown, and unlock the tabs.	
	Disconnect the wire connector in the direction of the arrow.	
	Disconnect the Wire Connector.	
	Take off the Fixed Water Hose	
	Remove the 4 Screws.	
	Take off Assy Case Lever.	

3. DISASSEMBLY AND REASSEMBLY

3-5) DOOR GASKET


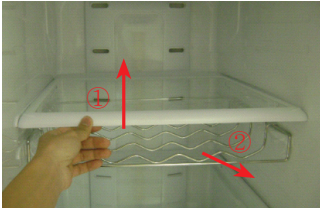
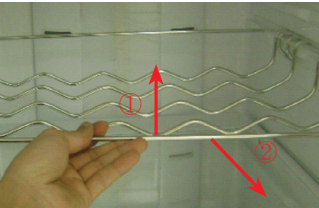




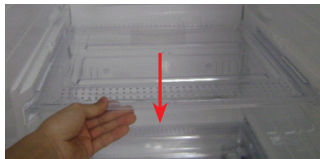
Part name	How To Do	Descriptive Picture
Door Gasket	<p>The door gasket is a molded gasket set into a channel located in the door liner.</p> <ol style="list-style-type: none">1. Open the door2. Grasp the gasket and pull in an outward motion until the molded gasket separates from the door liner.	

3-6) DOOR HANDLE

Part name	How To Do	Descriptive Picture
Door Handle	<p>Lift the handle upward motion with on.</p>	


3. DISASSEMBLY AND REASSEMBLY

3-7) TEMPERED GLASS SHELF

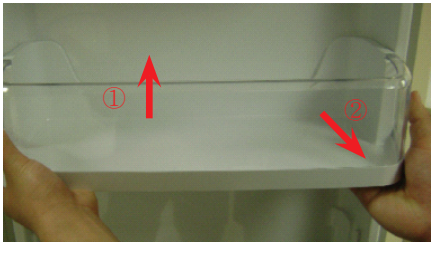
Part name	How To Do	Descriptive Picture
Tempered Glass Shelf	<p>These shelves allow storage of larger items and pull out for easy access.</p> <ol style="list-style-type: none"> 1. Pull the shelf out as far as it goes. 2. Lift it up and remove it. <p> Be careful of injury Caution</p>	      

3. DISASSEMBLY AND REASSEMBLY

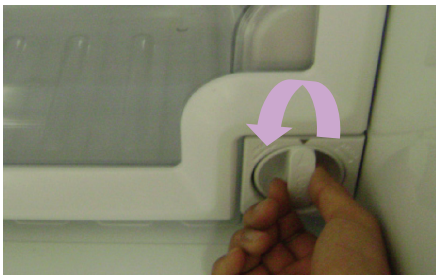
3-8) PLASTIC DRAWERS IN REFRIGERATOR

Part name	How To Do	Descriptive Picture
Drawer In Refrigerator	<p>Drawers are designed for storage of fruits, vegetables, and deli items, The drawers are located in the lower portion of the refrigerator.</p> <ol style="list-style-type: none"> 1. Pull out the drawer as far as it goes. 2. Tilt the drawer up and pull it out until it is removed. 	

3-9) GALLON DOOR BIN





Part name	How To Do	Descriptive Picture
Gallon Door Bin	<p>The door bins allow storage of perishable items.</p> <ol style="list-style-type: none"> 1. Push the bin up and slide it out. 	

3-10) DRAWERS OF REFRIGERATOR




Part name	How To Do	Descriptive Picture
Water Filter	<p>The water filter is located in the lower right-hand corner of the refrigerator. The water filter for the ice maker and the water dispenser.</p> <ol style="list-style-type: none"> 1. Turn the water filter 1/4 turn counterclockwise and pull it forward. 	

3. DISASSEMBLY AND REASSEMBLY

3-11) WATER FILTER TANK OF REFRIGERATOR

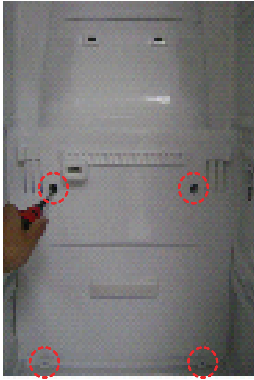
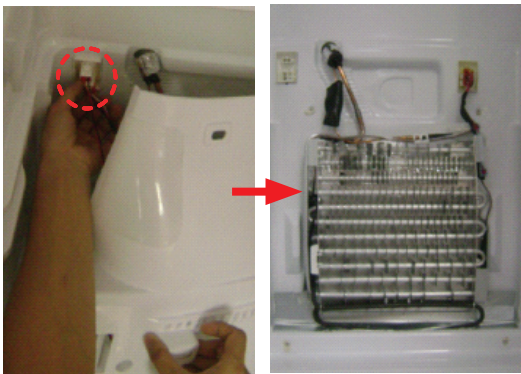
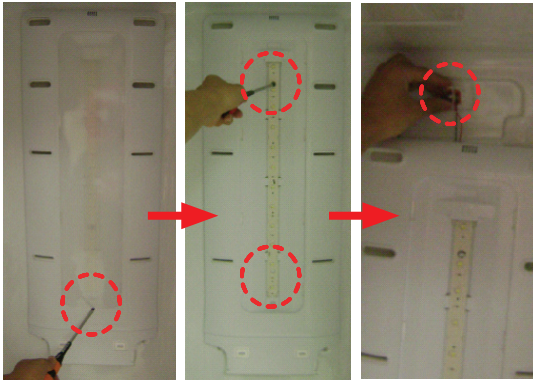
Part name	How To Do	Descriptive Picture
Water Filter Tank	Remove the screw.	
	Remove the fitting clip & Remove the water hose by pressing the coupler.	
	Remove the screw.	
	Remove the screw.	

3. DISASSEMBLY AND REASSEMBLY

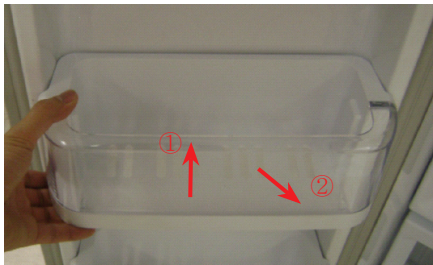
Part name	How To Do	Descriptive Picture
Water Tank	Separate Water tank from Case-water tank.	
	Remove the Fitting clip.	
	Pull out the Hose by pressing the coupler	

3. DISASSEMBLY AND REASSEMBLY

3-12) DAMPER OF REFRIGERATOR



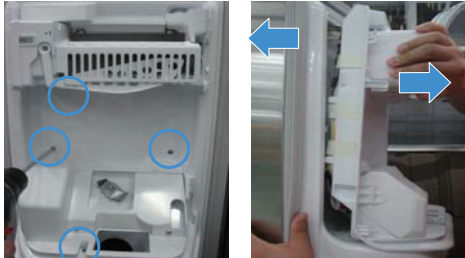


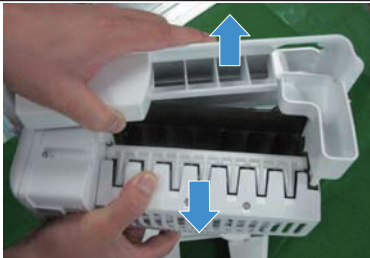
Part name	How To Do	Descriptive Picture
Damper-Ref	1. Put (-) driver into the gap between Cover-Lamp and Damper. 2. Pull out the Cover-Lamp.	
	Disconnect the wire connector.	
	Remove the screw.	

3-13) DOOR BIN OF FREEZER

Part name	How To Do	Descriptive Picture
Door Bin In Freezer	1. Push the bin up 2. slide it out	


3. DISASSEMBLY AND REASSEMBLY

3-14) Ice Maker Compartment

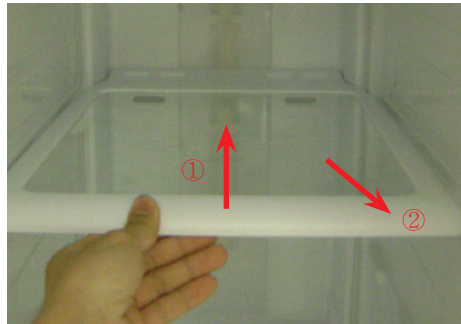
Part name	How To Do	Descriptive Picture
Ice Bucket Assy	Disassemble the Ice-Bucket Assy by holding the handles and pulling up the bottom part slightly.	
Cover I/M	Lift up the Icemaker Cover and gently pull out.	
Auger Motor Assy	Unscrew the 4 screws and disassemble the Auger Motor Assy as shown.	
	Disconnect the hoses using connectors by gently pulling.	
Ice Maker Assy	Unscrew the 3 screws.	
	Disassemble the Ice Maker Assy.	

3. DISASSEMBLY AND REASSEMBLY

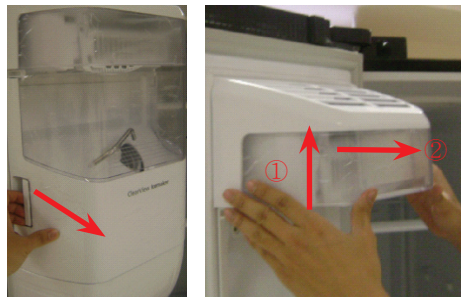
3-15) PLASTIC (WIRE DRAWER IN FREEZER)

Part name	How To Do	Descriptive Picture
Drawer In Freezer	<p>Drawers are designed for storage of meat and dry foods. The drawers are located in the lower portion of the freezer.</p> <ol style="list-style-type: none"> 1. Pull out the drawer as far as it goes. 2. Tilt the drawer up and pull it out until it is removed. 	

3-16) FREEZER SHELF

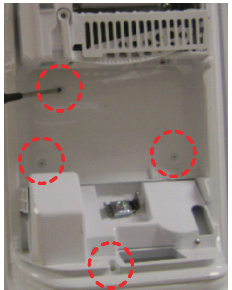
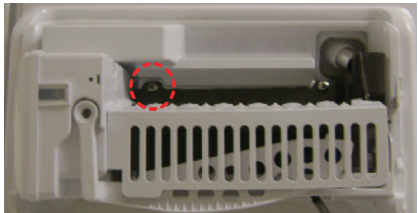
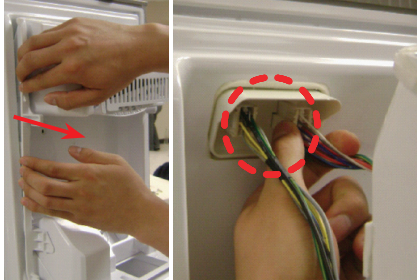
Part name	Descriptive Picture	Descriptive Picture
Freezer Shelf	<p>The shelves slide out for easy access for frozen items.</p> <ol style="list-style-type: none"> 1. Slide the shelf out as far as you can. 2. Tilt down and slide it out of the compartment. 	

3-17) ICE DISPENSER & ICE MAKER

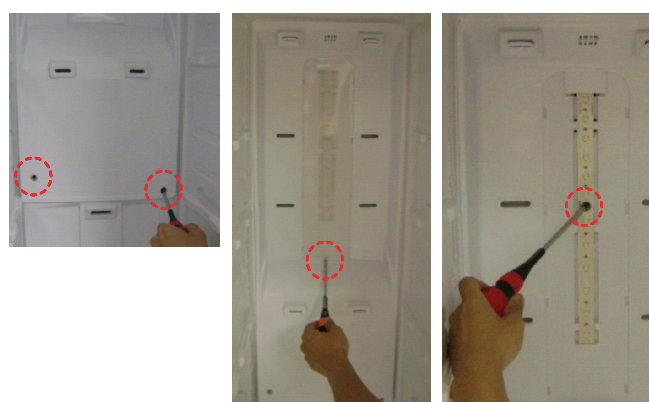
Part name	How To Do	Descriptive Picture
Ice Dispenser & Ice Maker	<p>The ice dispenser is located in the upper portion of the freezer. This assembly stores ice made by the icemaker and dispenses ice.</p> <ol style="list-style-type: none"> 1. Lift the ice bucket up ① and slide out the ice dispenser assembly ②. 	

3. DISASSEMBLY AND REASSEMBLY

3-18) ICE MAKER KIT


Part name	How To Do	Descriptive Picture
Ice Maker Kit	1. Remove the screws.	
	2. Disconnect the ice maker wire connector.	
	3. Unlock the locking tabs to separate the ice maker kit.	

3-19) EVAPORATOR COVER IN FREEZER


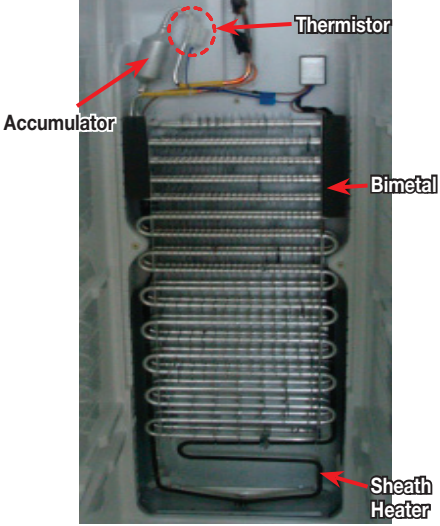
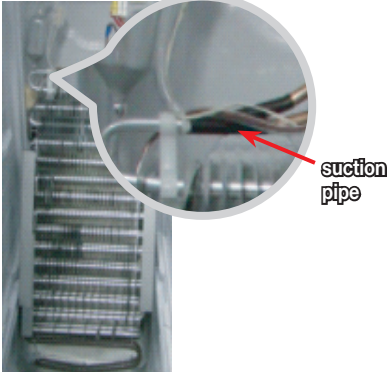
Part name	How To Do	Descriptive Picture
Evaporator Cover In Freezer	<ol style="list-style-type: none"> 1. Pull out the screw caps and remove screws (6). 2. Remove the evaporator cover in the direction of outwards. 	

3. DISASSEMBLY AND REASSEMBLY

3-20) UPPER DUCT


Part name	How To Do	Descriptive Picture
Upper Duct	<ol style="list-style-type: none"> 1. Remove the screws. 2. Remove the cover-evap front. 	

3-21) EVAPORATOR IN FREEZER

Part name	How To Do	Descriptive Picture
Evaporator In Freezer	<p>Evaporator is located in the bottom of freezer to produce cold air driven across the evaporator coils.</p> <ol style="list-style-type: none"> 1. Take off the ductwork in Freezer. 2. Disconnect the wire connector (Heater, Bimetal, and Thermistor). 3. Desolder the inlet and outlet tubes. 5. Remove the evaporator. 4. Bend the suction pipe. 6. Take the same steps to seal the system as mentioned earlier. <p> When diassembling, make Caution sure the unit is turned off</p>	 <p>* Reference (How To Do #4)</p> 

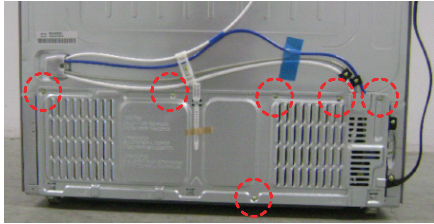
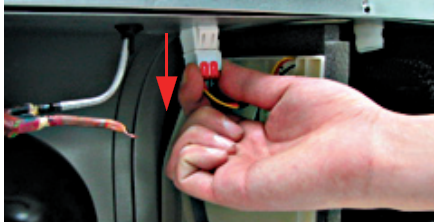
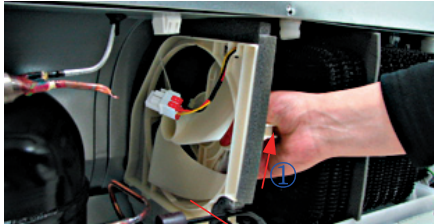
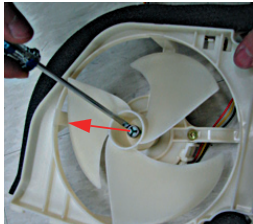
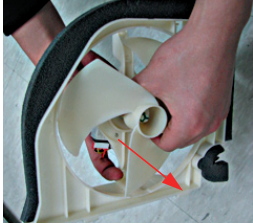
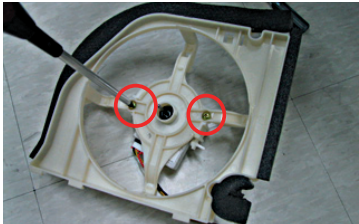
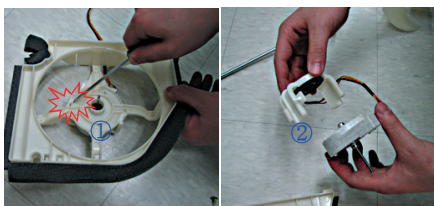
3. DISASSEMBLY AND REASSEMBLY

3-22) AMBIENT THERMISTOR

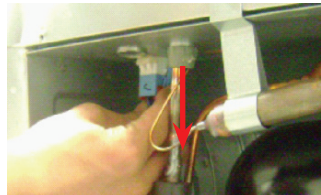
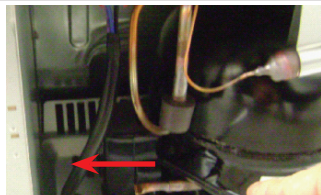

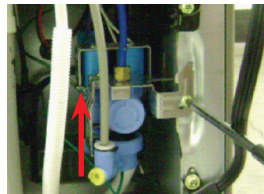
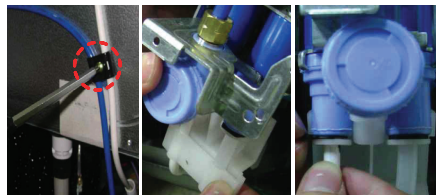

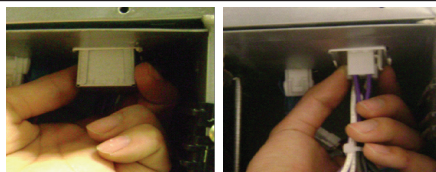
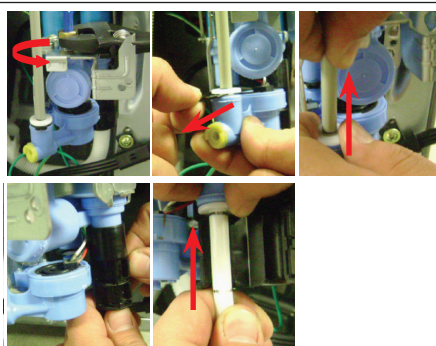
Part name	How To Do	Descriptive Picture
Ambient Thermistor	The ambient thermistor is located inside the upper hinge cover. The ambient thermistor sends temperature signals to the micro-processor.	

3. DISASSEMBLY AND REASSEMBLY

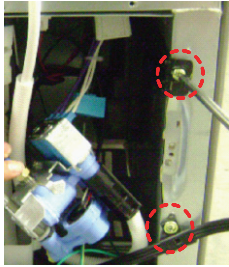
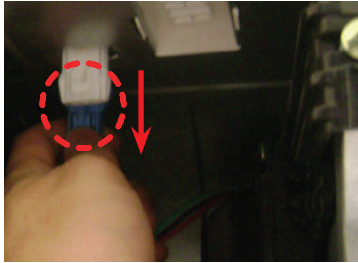
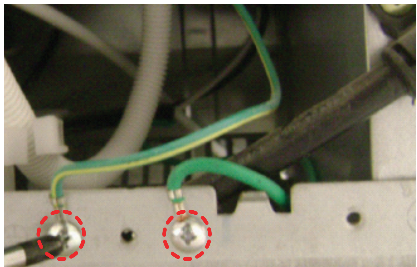
3-23) MACHINE COMPARTMENT

Part name	How To Do	Descriptive Picture
Motor Fan	1. Unscrew 5 screws of cover compressor.	
	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 a flatblade screwdriver. (Refer to the picture)	
	5. Remove the motor fan by pulling the fan out while grasping the motor part. (Refer to the picture)	
	6. Unscrew 2 screws fixed in the motor.	
	7. Remove the hook of the motor cover with a flat-blade (-) screwdriver and then remove the motor.	

3. DISASSEMBLY AND REASSEMBLY

Part name	How To Do	Descriptive Picture
Relay O/L	1. Disengage the housing connector.	
	2.Remove Cover Relay.	
	3. Remove the relay O/L with a flat-blade screwdriver. (Refer to the picture)	
Water Valve	1. Unscrew the water valve fixed by the screw.	
	2. Disassemble the white part. Pull out the black pin.	
	3. Remove 2 water hose parts while pushing the upper part of. (Refer to the picture)	
	4. Disengage 2 housing connector parts.	
	5. Remove the hose connected by the nut with a wrench(8mm).	

3. DISASSEMBLY AND REASSEMBLY

Part name	How To Do	Descriptive Picture
Water Filter Tank	Remove the screw.	
	Remove the fitting clip & Remove the water hose by pressing the coupler.	
	Remove the screw.	

4. TROUBLESHOOTING

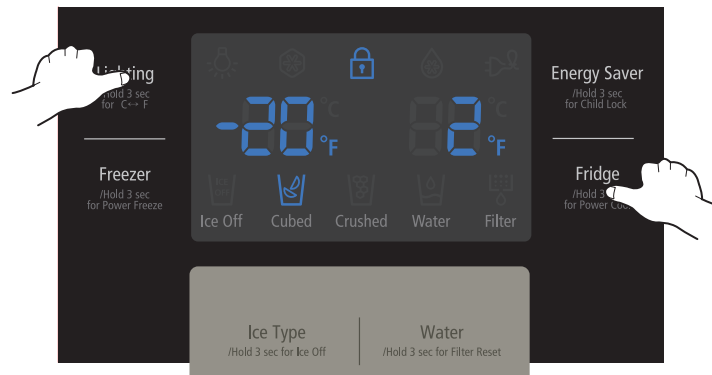
4-1) FORCED OPERATION FUNCTION	35
4-2) SOUND FUNCTION	36
4-3) COOLING OFF FUNCTION	36
4-4) SELF-DIAGNOSTICS FUNCTION	36
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4. TROUBLESHOOTING

4-1) Forced Operation Function (Pull-down / Refrigerator-Freezer-Defrost / Cancellation)

- This function enables a pull-down mode, a defrost mode for the refrigerator only, a defrost mode for the freezer and the refrigerator at the same time, and a cancellation of this function.
- Press Lighting and Fridge Temp. buttons for 8 seconds simultaneously to get in the ready mode for a forced operation.
- The display panel will return to normal after 15 seconds in the ready mode.
- At the ready mode, press any button(except Ice Type and Water) once to start a pull-down operation, twice for a defrost cycle for the refrigerator, three times for a defrost cycle for the freezer and the refrigerator, and finally four times for cancellation of this function.
- Another way to cancel this function is to simply plug out and in the power cord.

Press both button for 8 seconds at the same time



1) Pull-down

- 1-1) At the ready mode, press any button once then the buzzer will beep (ON for 1/2 second and OFF for 1/2 second) until this mode is cancelled.
- 1-2) At this pull-down mode, the compressor will start immediately (No 7 minute delay) and if the system is in the defrost cycle, it will be cancelled right away.
note) If this pull-down mode begins right after the compressor was off, the compressor may not start to run due to an overload condition.
- 1-3) At this mode, the compressor and freezer fan will operate continuously for 24 hours and the refrigerator fan will be on and off according to the set temperature.
- 1-4) After 24 hour operation, the system will be cycled at -14°F(-25°C) for the freezer and 38°F (1°C) for the refrigerator.
- 1-5) In order to cancel this mode at any time, select the next mode on the ready mode or power off the system.

2) Refrigerator Defrost / Refrigerator . Freezer-Defrost operation

- 2-1) At the pull-down mode, press any button again on the ready mode to begin the defrost cycle for the refrigerator.
- 2-2) The beep sound continues for 2 second at the beginning, then ON for 3/4 seconds and OFF for 1/4 second until this mode cease.
- 2-3) After this operation, the system will come back to normal operation.
- 2-4) At this mode, press any button again on the ready mode to operate the defrost cycles for both compartments.
- 2-5) The beep sound continues for 2 seconds at that time, then ON for 1/4 second and OFF for 3/4 seconds until the defrost operation cease.

3) Cancellation

- 3-1) At the R,F-Defrost mode, press ant button again on the ready mode to return to a normal operation.
- 3-2) Simply unplug the power cord, then plug it again to return to a normal operation.

4. TROUBLESHOOTING

4-2) Sound function

- 1) Sound function
 - 1-1) To confirm that a command is inputted properly, whenever a button is pressed, a “ding-dong” sound is produced.
 - 1-2) When two or more buttons are pressed simultaneously or if a wrong button is pressed, there is no sound.
- 2) Door Open Alarm
 - 2-1) When the doors remain open for 2 minutes, 10 beeps are produced.
 - 2-2) If the doors continue to remain open more than 2 minutes, 10 beeps are produced every 1 minute.
 - 2-3) The beeps will cease immediately when the doors are closed.

4-3) Communication Error Display Function

- 1) Communication Error between MAIN MICOM and Panel MICOM
 - 1-1) When there is no response in 10 seconds after the Main MICOM sends a communication signal to the Panel MICOM, "PC Er" will blink on the Display Panel until the communication error is released.
 - 1-2) When there is no response in 10 seconds after the Main MICOM sends a communication signal to the Panel MICOM, the entire Cool Select Zone Display will blink.

4-4) Cooling Off Function(US Model Only)

This function is for display purpose on the floor of a show room or a store.

- 1) Mode ON /OFF
 - 1-1) To select for the Cooling Off mode, press Lighting and Freezer Temp, buttons simultaneously for 3 seconds until a “ding-dong” sound is heard.
 - 1-2) To cancel this mode, press the same buttons again for 3 seconds until a “dingdong” sound is heard.
- 2) Operation
 - 2-1) Most of the system function except the compressor operation are working properly.
 - 2-2) There is no defrost cycle in this mode.
 - 2-3) “OF” is displayed on F, R Display.
 - 2-4) Cooling Off mode is not cleared even if power is reset.

4-5) Exhibition Mode Function(NON US Model Only)

This function is for display purpose on the floor of a show room or a store.

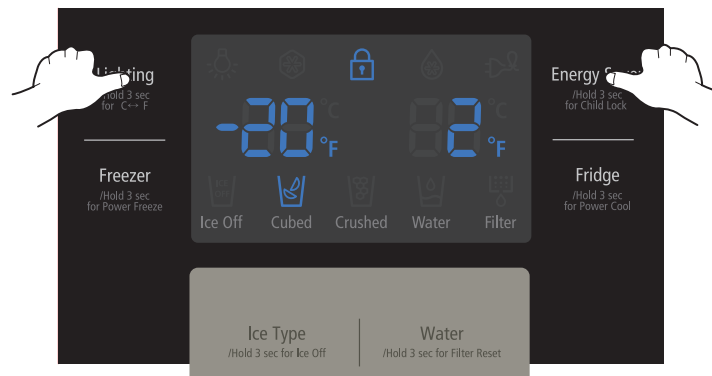
- 1) Mode ON /OFF
 - 1-1) To select for the Exhibition Mode, press Lighting and Freezer Temp, buttons simultaneously for 8 seconds until a “ding-dong” sound is heard.
 - 1-2) To cancel this mode, press the same buttons again for 8 seconds until a “dingdong” sound is heard.
- 2) Operation
 - 2-1) Most of the system function except the compressor operation are working properly.
 - 2-2) There is no defrost cycle in this mode.
 - 2-3) Exhibition Mode is cleared if power is reset.

4. TROUBLESHOOTING

4-6) Self-Diagnostics Function

- 1) Self-Diagnostics during the initial Power ON
 - 1-1) The control board performs a self diagnostics test within 1 second and checks out the temperature sensors abilities.
 - 1-2) If a sensor failure occurs, a corresponding LED segment will blink with a beep.
 - 1-3) When a LED segment blinks, only the cancellation function (Press Lighting and Energy Saver(Vacation) buttons simultaneously for 8 seconds) is acceptable.
 - 1-4) After replacement of bad sensor or cancellation of this function, this self diagnostics will end.
- 2) Self-Diagnostics during the normal operation
 - 2-1) To select this function, press Lighting and Energy Saver(Vacation) buttons simultaneously for 8 seconds with an audible tone.
 - 2-2) In the self diagnostic mode, only corresponding LED segments will be illuminated (see the check list on the next page)
 - 2-3) After a 60 second illumination of error signal, the system will return to the normal operation.

Press both button for 8 seconds at the same time



4. TROUBLESHOOTING

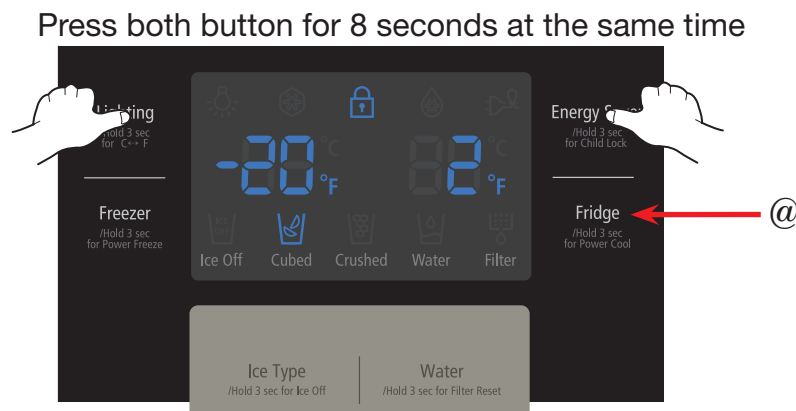
Descriptions of Self-Diagnosis Error Code

ERROR CODE	ITEM	Description	How to do Self-Diagnosis
1 E	FREEZER SENSOR	Connector Slipped-Out or Open-Contact, Wire Cut or Short- Circuited, Abnormal Sensing Temp (+50°C and over or -50°C and lower).	The voltage should be within the range of 4.5V~1.0V between MAIN PCB CN40 # 4 and # 5.
2 E	FRIDGE SENSOR	Same as the above	The voltage should be within the range of 4.5V~1.0V between MAIN PCB CN40 # 8 and # 9.
4 E	FREEZER DEFROST SENSOR	Same as the above	The voltage should be within the range of 4.5V~1.0V between MAIN PCB CN40 # 4 and # 6.
5 E	FRIDGE DEFROST SENSOR	Same as the above	The voltage should be within the range of 4.5V~1.0V between MAIN PCB CN40 #8 and #11.
6 E	AMBIENT SENSOR	Same as the above	The voltage should be within the range of 4.5V~1.0V between MAIN PCB CN40 # 1 and # 2
8 E	ICE MAKER SENSOR	Same as the above	The voltage should be within the range of 4.5V~1.0V between MAIN PCB CN90 # 3 and #8.
21 E	FREEZER FAN ERROR	Bad Feed-Back Signaling Wire Contact, Motor Wire Slipped-Out, Defective Motor	The voltage should be 7V~12V between MAIN PCB CN75 #4(YELLOW) and #10(GRAY).
22 E	FRIDGE FAN ERROR	Same as the above	The voltage should be 7V~12V between MAIN PCB CN75 #3(ORANGE) and #10(GRAY).
23 E	CONDENSER FAN ERROR	Same as the above	The voltage should be 7V~12V between MAIN PCB CN75 #2(S/BLUE) and #10(GRAY).
24 E	FREEZER DEFROST ERROR	Connector Slipped-Out or Open- Contact, Wire Cut or Short- Circuited, Defective Thermistor, or When it keeps heating during Fridge Defrost even after it does defrosting for 80 minutes.	Disconnect MAIN PCB CN70, CN71 from PCB, and read the resistance between Orange and Brown wire terminals (Refer to the Wire Diagram for the resistance value). 0 Ohm → Heater Short ∞ Ohm → Wire Cut or Blown Thermistor.
25 E	FRIDGE DEFROST ERROR	Connector Slipped-Out or Open- Contact, Wire Cut or Short- Circuited, Defective Thermistor, or When it keeps heating during Fridge Defrost even after it does defrosting for 80 minutes.	Disconnect MAIN PCB CN70, CN71 from PCB, and read the resistance between Orange and White wire terminals (Refer to the Wire Diagram for the resistance value). 0 Ohm → Heater Short ∞ Ohm → Wire Cut or Blown Thermistor.
26 E	ICE MAKER FUNCTION ERROR	I/M Ice Ejection Horizontal Positioning Error ** Only for Dispenser models	After replacing Ice-Maker, plug in the unit and check its operation.
41 E	COMM ERROR	No communication between MICOM MAIN and PANEL(PC Er) error code will light up with alarming sounds.	It needs a Oscilloscope to do the error check. So, it is more realistic checking the error after replacing Main or Panel PCB.

4. TROUBLESHOOTING

4-7) Load Operation Check Function

- 1) In the normal operation, press Lighting and Energy Saver(Vacation) buttons simultaneously for 6 seconds, then the display panel will blink for 2 seconds.
- 2) Press Fridge Temp. button @ to get into this check mode with an audible tone.
- 3) Each illuminating LED segment stands for the component which has an output signal from the control board.
- 4) This mode will terminate automatically after 30 seconds



- Load Mode Check List

NO	ITEM	DESCRIPTION	DISPLAY	DIGITAL NO.
1	FRIDGE FAN HIGH	R-FAN HIGH RPM	Fridge second digit a	Fridge (second) 8
2	FRIDGE FAN LOW	R-FAN LOW RPM	Fridge second digit b	Fridge (second) 8
3	FRIDGE DEFROST HEATER	R-DEF HEATER ON	Fridge second digit c	Fridge (second) 8
4	START MODE	Operating Step Display (no particular meaning)	Fridge second digit d	Fridge (second) 8
5	OVER-LOAD MODE	Over 34°C Ambient Temp	Fridge second digit e	Fridge (second) 8
6	LOW-TEMP MODE	Less than 21°C Ambient Temp	Fridge second digit f	Fridge (second) 8
7	EXHIBIT MODE	Exhibition Mode On	Fridge second digit g	Fridge (second) 8
8	ICE FULL	Bucket Ice Full	Fridge second digit d	Fridge (first) 8
9	COMPRESSOR	COMP On	Freezer second digit a	Freezer (second) 8
10	FREEZER FAN HIGH	F-FAN HIGH RPM	Freezer second digit b	Freezer (second) 8
11	FREEZER FAN LOW	F-FAN LOW RPM	Freezer second digit c	Freezer (second) 8
12	FREEZER DEFROST HEATER	F-DEF HEATER ON	Freezer second digit d	Freezer (second) 8
13	CONDENSER FAN HIGH	C-FAN HIGH RPM	Freezer second digit e	Freezer (second) 8
14	CONDENSER FAN LOW	C-FAN LOW RPM	Freezer second digit f	Freezer (second) 8
15	DISPENSER HEATER	Dispenser Heater On	Freezer second digit g	Freezer (first) 8
16	C-ROOM BOX-FAN	C-ROOM BOX-FAN ON	Fridge first digit c	
17	NORMAL CONDITIONS	⑤ & ⑥ All Off(22~33°C)	Fridge second digit e,f LED all Off	

4. TROUBLESHOOTING

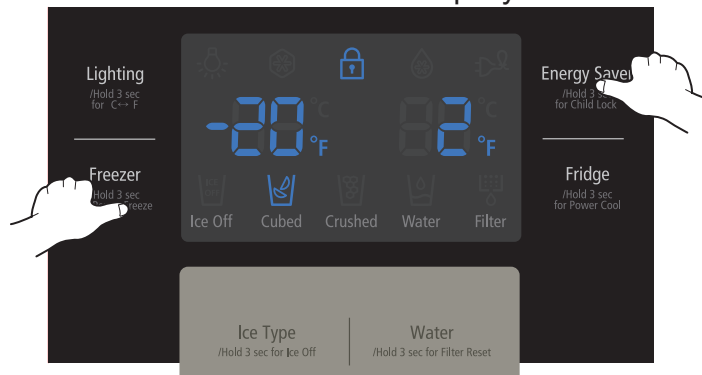
4-8) Restoration Function for Power Outage

- 1) When the freezer temperature is lower than 41°F(5°C), all on the display panel will be restored.
- 2) When the freezer temperature is higher than 41°F(5°C), all functions will be initialized. -4°F (-20°C) for the freezer, 38°F(3°C) for the refrigerator, and crushed for the ice type Energy Saver on corresponding models.

4-9) Set Point Shift Function

- Press Freezer Temp. and Energy Saver(Vacation) buttons simultaneously for 12 seconds to get into this mode.
- In this mode, only the display LEDs for temperature will be ON.

Press both buttons simultaneously for 12 seconds



- Load Mode Check List

BUTTON	Function
FRIDGE	Option Item Increase
SAVER (VACATION)	Option Item Decrease
FREEZER	Option Value Increase
LIGHTING	Option Value Decrease

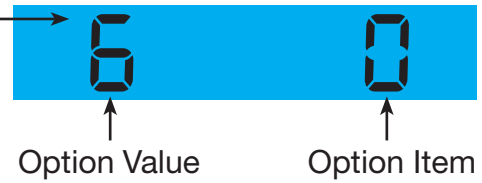
4. TROUBLESHOOTING

1) Freezer Temp Shifting Table

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

ITEM	FREEZER TEMP SHIFT
MODEL	SAME FOR ALL MODELS
OPTION	LOCATION: FRIDGE TEMP DISPLAY
	0

Ex) Lowering the Freezer default temp by -3°C

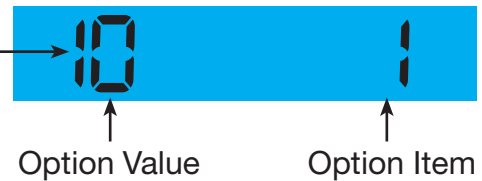


2) Fridge Temp Shifting Value

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

ITEM	FREEZER TEMP SHIFT
MODEL	SAME FOR ALL MODELS
OPTION	LOCATION: FRIDGE TEMP DISPLAY
	1

Ex) Raising the Fridge default temp by +1.5 °C



4. TROUBLESHOOTING

3) Ice-Maker Water Supply

It controls the water supply quantity with the Flow Sensor.

ITEM	OPTION ITEM
ICE-MAKER WATER SUPPLY QTY CONTROL	2

WATER SUPPLY QUANTITY	OPTION ITEM
104CC	0
114CC	1

Ex) Changing the water supply quantity to 104cc



4) Ice-Maker Ice Ejection Standby Time

Controlling

; It is an option controlling the Ice Ejection Standby time of the Ice-Maker.

ITEM	DISPLAY LOCATION (FRIDGE TEMP)
ICE MAKER Ice Ejection Standby Time	3

Standby Time	Freezer Display
50min	0
47min	1
45min	2
53min	3
55min	4
60min	5
65min	6
70min	7
50min	8
50min	9
50min	10
50min	11
50min	12
50min	13
50min	14
50min	15

5) Ice-Maker Sensor Temp Shifting

- It is an option shifting the ice ejecting base temperature.

ITEM	DISPLAY LOCATION (FRIDGE TEMP)
Ice-Maker Sensor Temp Shifting	4

Ice-Maker Sensor Temp	Freezer Display
-7.5°C (18.5°F)	0
-7.0°C (19.4°F)	1
-6.5°C (20.3°F)	2
-8.0°C (17.6°F)	3
-8.5°C (16.7°F)	4
-9.0°C (15.8°F)	5
-9.5°C (14.9°F)	6
-10.0°C (14°F)	7

4. TROUBLESHOOTING

6) Minimum Comp RPM Setting

- This option is for sing minimum Comp RPM.
As this option is applied, Comp RPM will be rise.
It will help reducing continual Comp operation.

MINIMUM COMP RPM SETTING	FREEZER DISPLAY
NO RPM CHANGE	0
MINIMUM 2450RPM	1
MINIMUM 2450RPM	2
MINIMUM 2450RPM	3

ITEM	DISPLAY LOCATION (FRIDGE TEMP)
MINIMUM COMP RPM SETTING	12

7) Temp Display Option

- This option is for temp display all on mode.
If user wants temp display always on, this option is solution.

TEMP DISPLAY OPTION	FREEZER DISPLAY
NORMAL DISPLAY (TEMP DISPLAY TEMPORALLY ON AT USE)	0
ALWAYS TEMP DISPLAY ON	1
ALWAYS TEMP DISPLAY ON	2

ITEM	DISPLAY LOCATION (FRIDGE TEMP)
TEMP DISPLAY OPTION	16

8) Dispenser/Homebar Heater Option

CODE	DISPENSER HEATER
FREEZER DISPLAY	
0	DISPENSER HEATER
1	HEATER OPERATION RATIO INCREASING

ITEM	DISPENSER HEATER OPTION
MODEL	SAME FOR ALL MODELS
DISPLAY	LOCATION:FRIDGE TEMP DISPLAY
	19

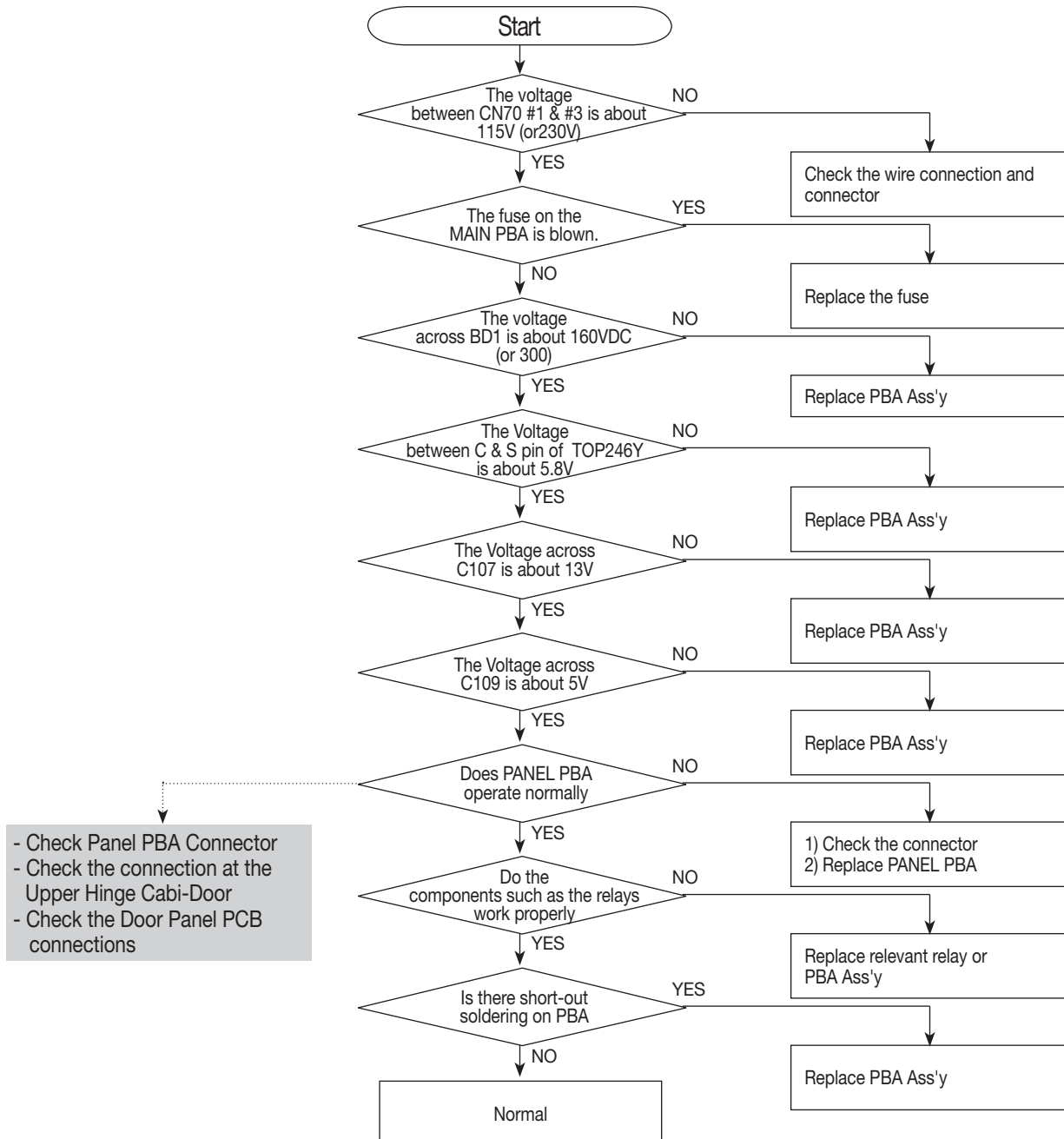
4. TROUBLESHOOTING

4-9) When power is not supplied

Caution!

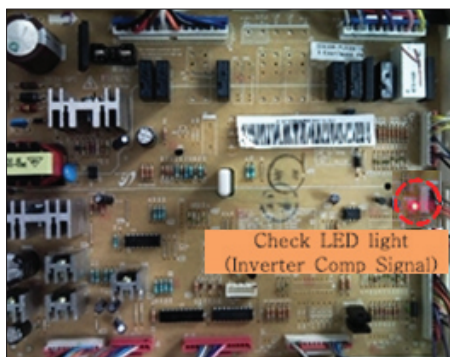
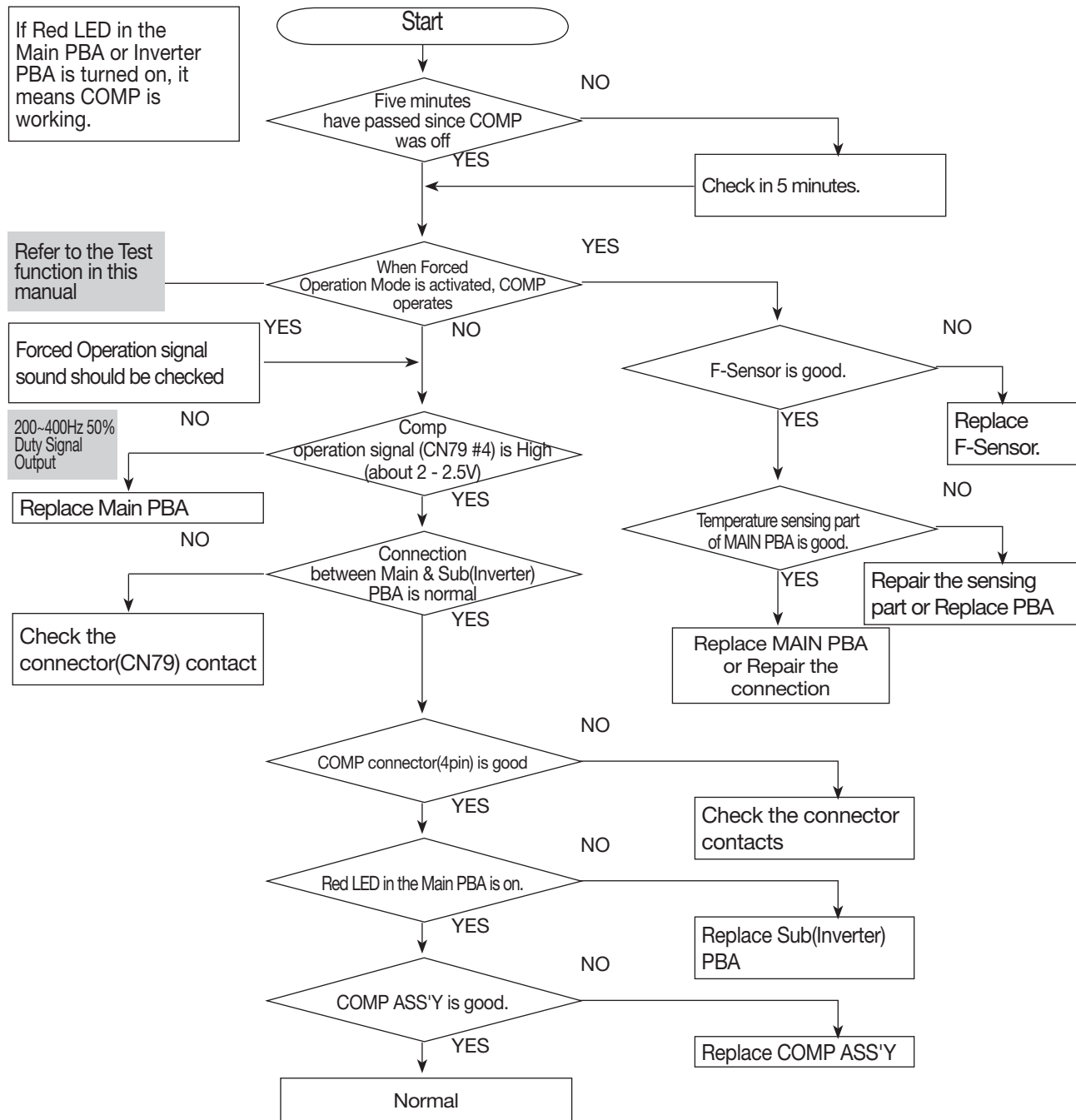
SMPS circuit in the MAIN PBA operates at 115VAC & 160VDC(or 230VAC & 300VDC). Please take care of yourself during the repair nad measurement

- When checking MAIN PBA, refer to the Operating Description and the Reference sections in this manual



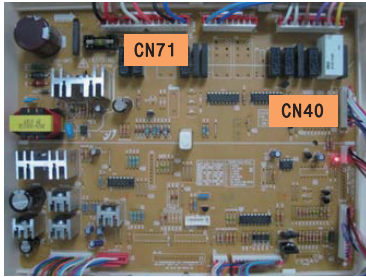
4. TROUBLESHOOTING

4-10) When the Compressor does not operate



4. TROUBLESHOOTING

4-11) Unable to Defrost



F-DEF-HEATER : Read resistance between CN71 #5 and #9
R-DEF-HEATER : Read resistance between CN71 #7 and #9

Defrost Sensor Voltage is lower than 3.1V

Press the Power Freeze and the Fridge buttons at the same time for 8 sec and then go into the 2nd Test Mode.

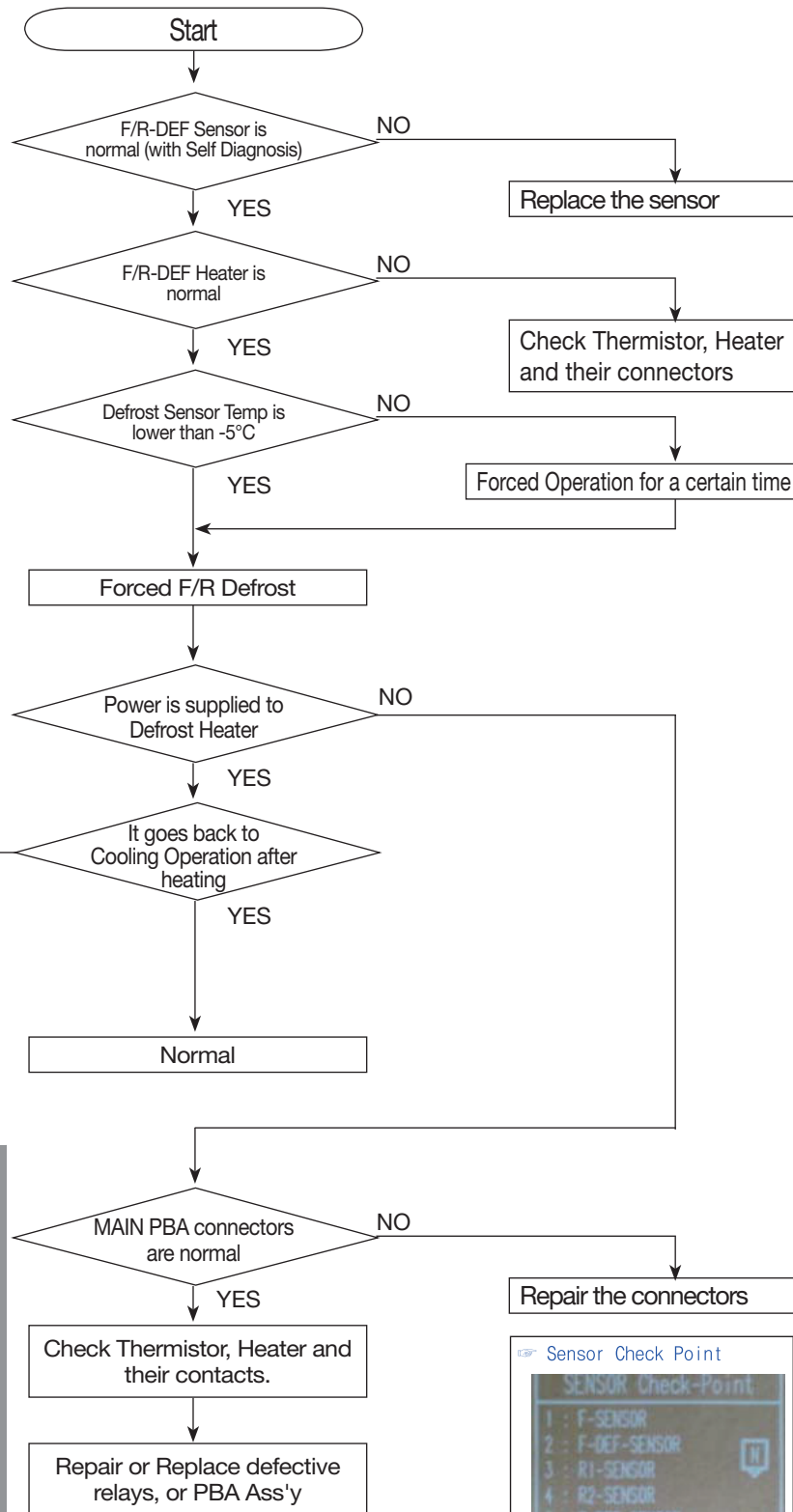
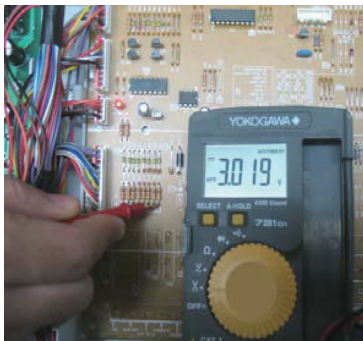
F-DEF-SENSOR : Read resistance between CN40 #6 and #8
R-DEF-SENSOR : Read resistance between CN40 #8 and #11

Check all the sensors

NOTE

When F/R-DEF Sensor is higher than +10°C and +17°C, it will stop heating and go back to Cooling Operation.

- ☞ Checking method of voltage for F-DEF-Sensor
- Check the voltage of Sensor Check Point #5 on the PBA
 - Compare it with the temperature table after measurement. (same method is applied to other sensor)



☞ Sensor Check Point

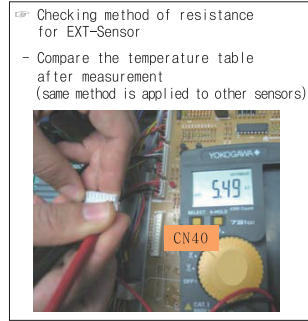
SENSOR Check-Point	
1 : F-SENSOR	
2 : F-DEF-SENSOR	
3 : R1-SENSOR	
4 : R2-SENSOR	
5 : R-DEF-SENSOR	
6 : EXT-SENSOR	
7 : COOL SELECT ZONE-SENSOR	
8 : ICE MAKER-SENSOR	

4. TROUBLESHOOTING

4-12) Self-Diagnosis Error (Defective Sensor)

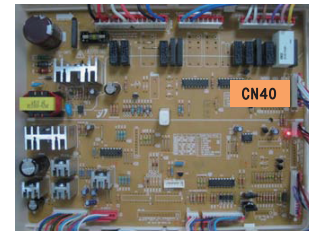
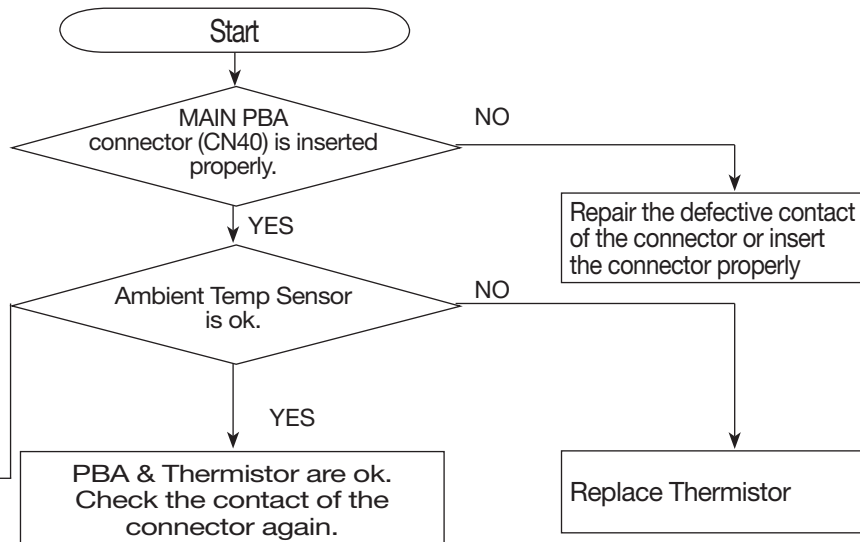
- When there is sensor error, display panel show that. When it occurs during the initial power on time, display panel keeps blinking relevant SEG and the refrigerator go into the emergency operation mode.
- Under the emergency operation mode, the refrigerator can not do its normal operation. So check out with the Self Diagnosis in this manual.

1) When the Ambient Sensor is defective,

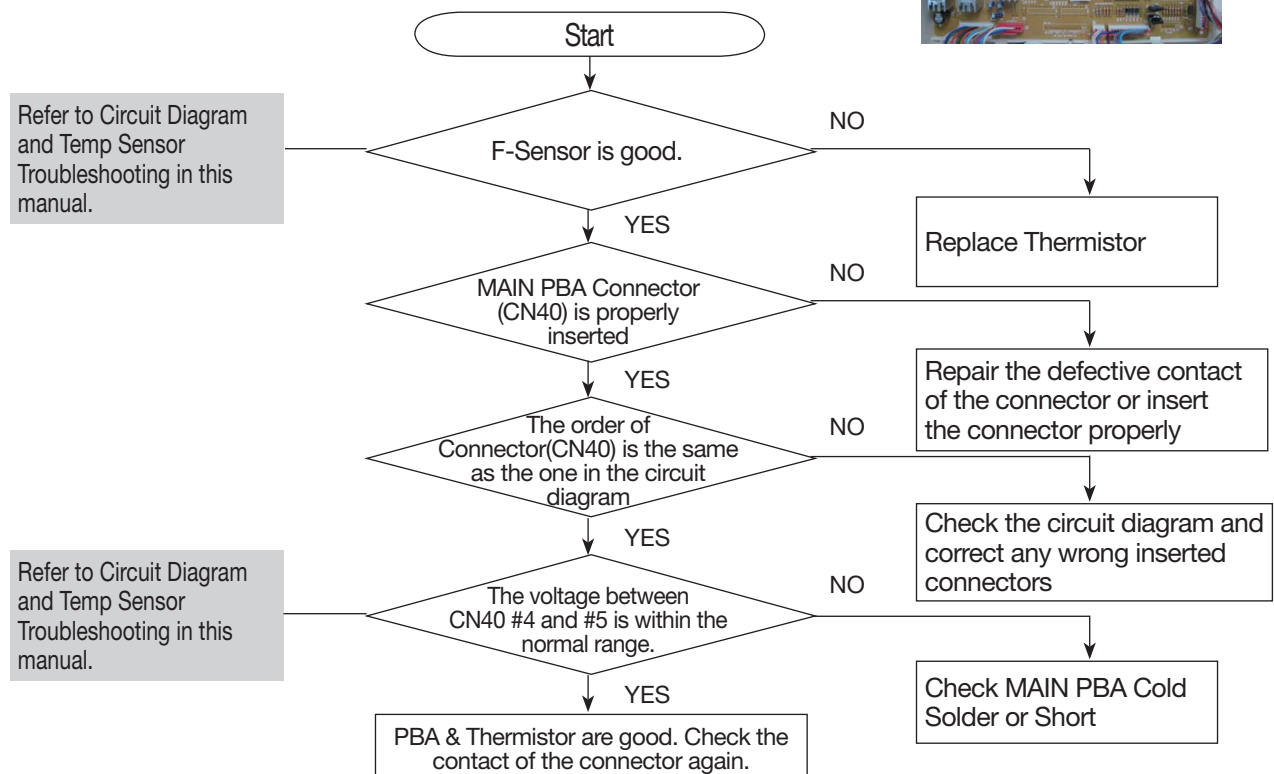


Ambient-Sensor : Read the resistance between CN40 #1 and #2

Compare the room temp. with sensed temp. using Temp-Resistance Table.



2) When the F-room Temp Sensor is defective (also applied to other sensors)



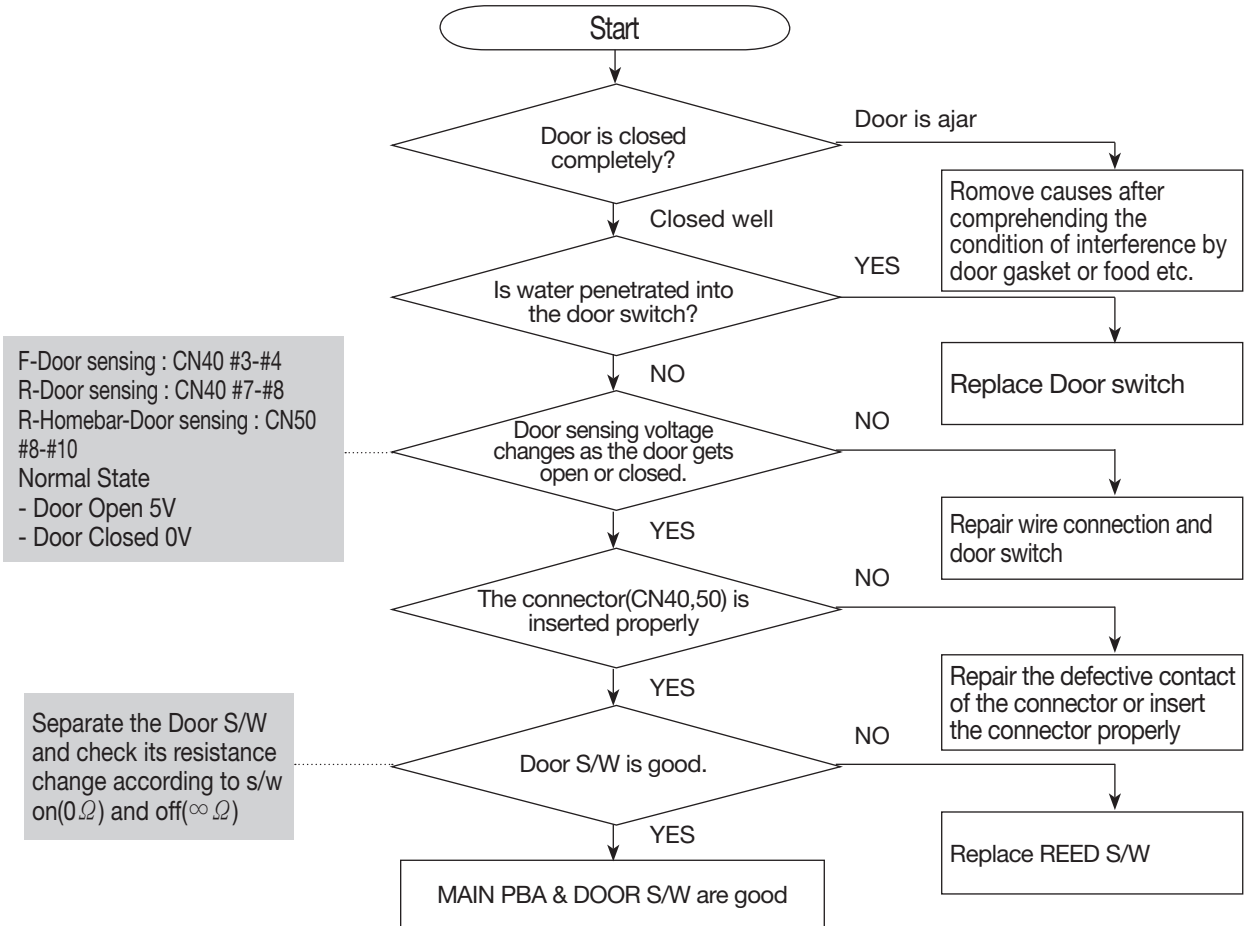
Refer to Circuit Diagram and Temp Sensor Troubleshooting in this manual.

Refer to Circuit Diagram and Temp Sensor Troubleshooting in this manual.

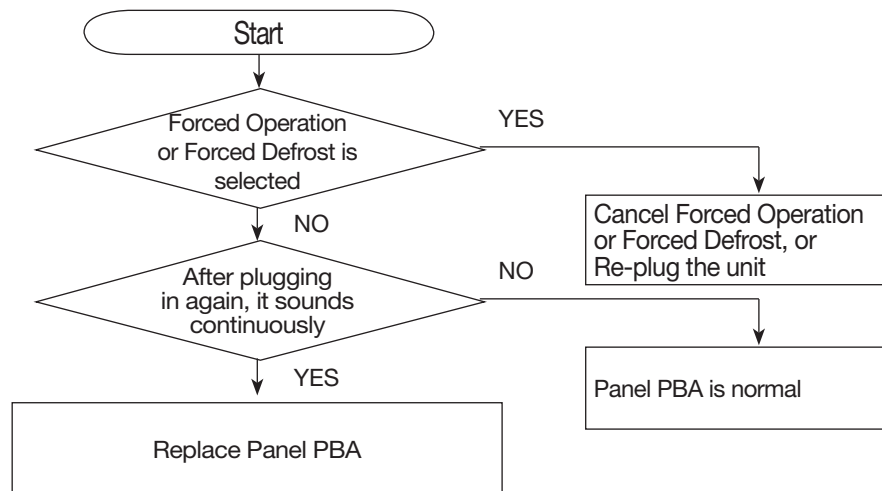
4. TROUBLESHOOTING

4-13) When Alarm Sound continues (Buzzer Sound)

1) When "DingDong" sound continues



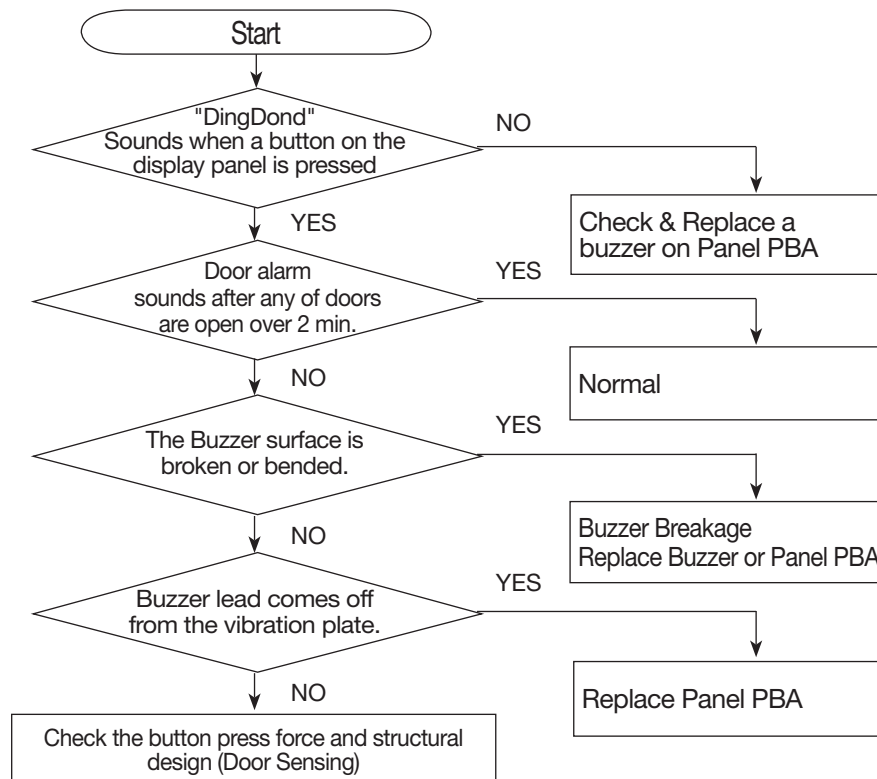
2) When "Beeping" sound continues



4. TROUBLESHOOTING

3) If a buzzer does not sound

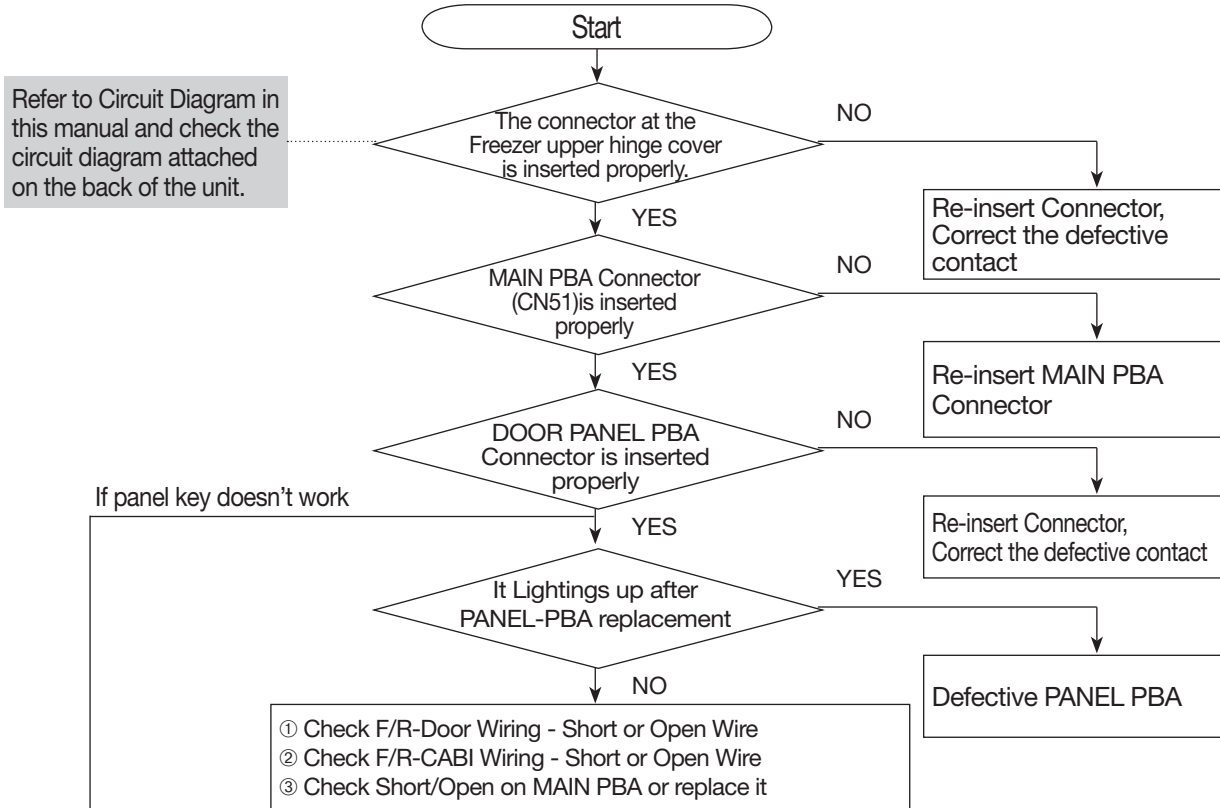
This model has a buzzer on the Panel PBA. If the buzzer does not sound when button is pressed, Forced Operation, door open and disconnection with Main PBA, check out defective soldering on PBA or buzzer damage. (It is recommended replacing Panel PBA if components are damaged)
※ It could be unable to hear in case there is heavy noise or built-in environment.



4. TROUBLESHOOTING

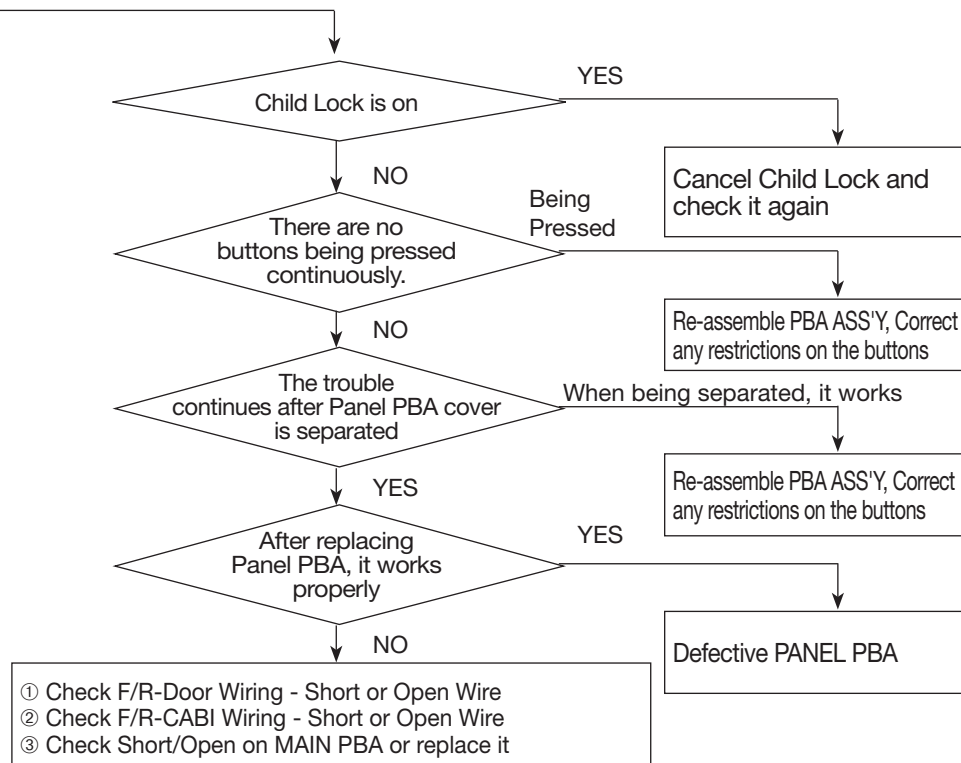
4-14) When PANEL PBA operates abnormally

1) When PANEL PBA does not Lighting up or partially does



2) When Panel PBA buttons are not working

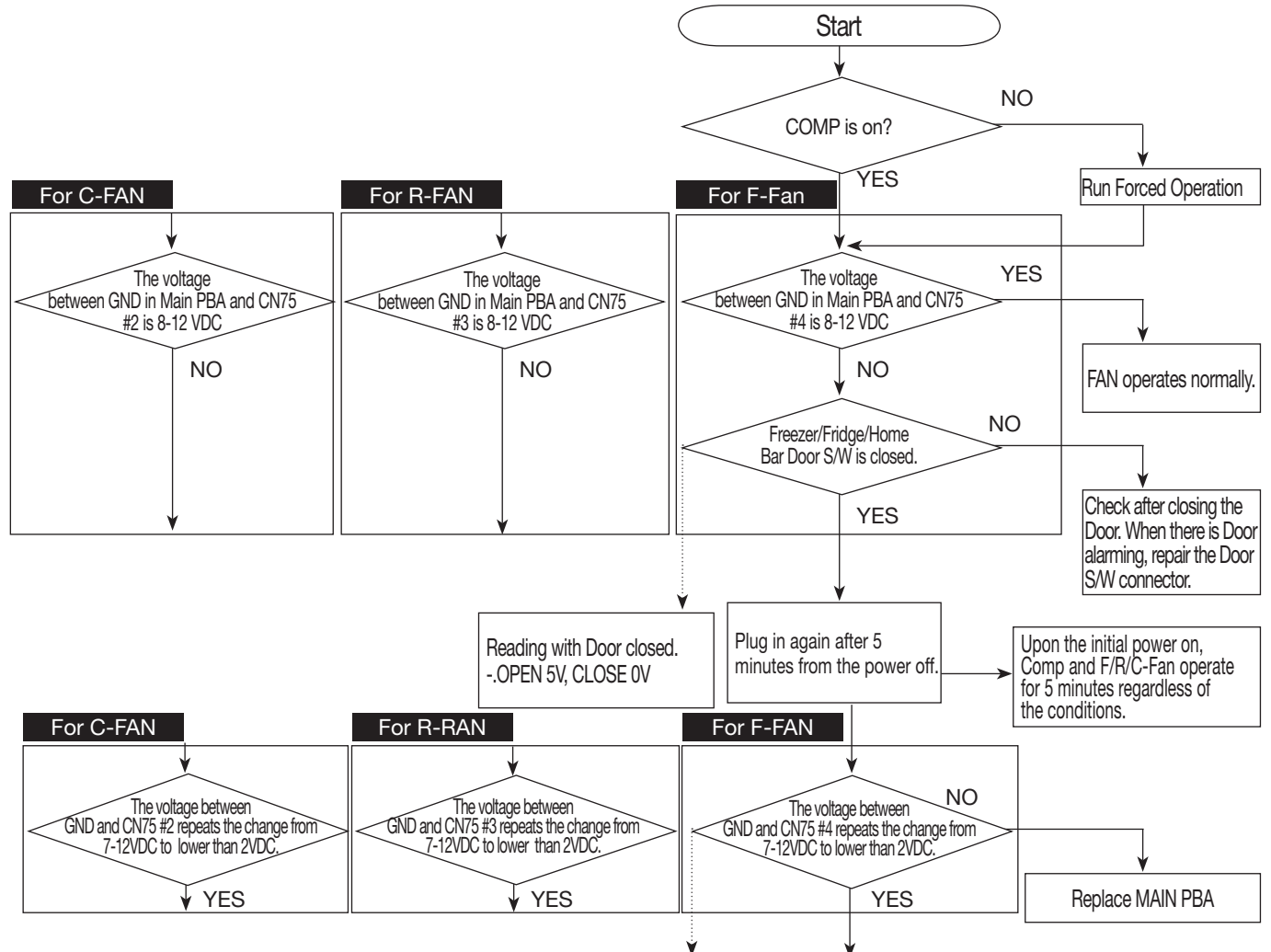
※ When the trouble is being remained after the above,



4. TROUBLESHOOTING

4-15) When Fan does not operate

- This model has BLDC FAN motor. BLDC motor is driven by DC7~12V
- F-Fan motor usually runs together with the Compressor except the Cool Select Zone function is activated. Once the door is open and closed at high ambient temperature, F-Fan motor put off its operation for one minute. Therefore, you are advised not to take it as an error.
- When fridge door is open, the F-Fan motor stops together with R-Fan motor.



Note

Pulse signal(FG) generated from the Fan motor rotation is transmitted through CN75 #5(F), #6(R), #7(C). Micom senses these signal.

If Micom senses no signal, Micom make Fan Motor stop for 10 sec and try to operate it again. Micom keeps doing the same procedure 4 times until Micom receive the signal.

If it still fails, MICOM stop trying for 10 minutes.

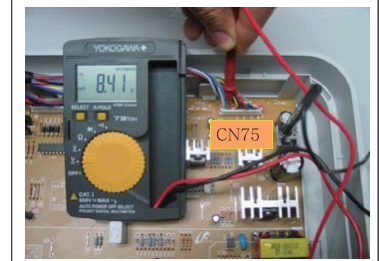
This procedure prevents the motor from overload when foreign substances such as ice built up around the motor restrict motor rotation.

◆ Possible Causes

1. Defective FAN-MOTOR
2. Contact problem at the terminal
3. FG signal error (Refer to Fan-Motor circuit in this manual)

Checking method of C-Fan motor voltage

- Read the voltage between MAIN PBA GND and CN75 #2
- If it has 8-12 voltage, It's normal.
(same method is applied to other Fan motor.)



4. TROUBLESHOOTING

4-16) When the internal lamp of the freezer/fridge does not Lighting up

Caution

Model with Lighting bulb applied

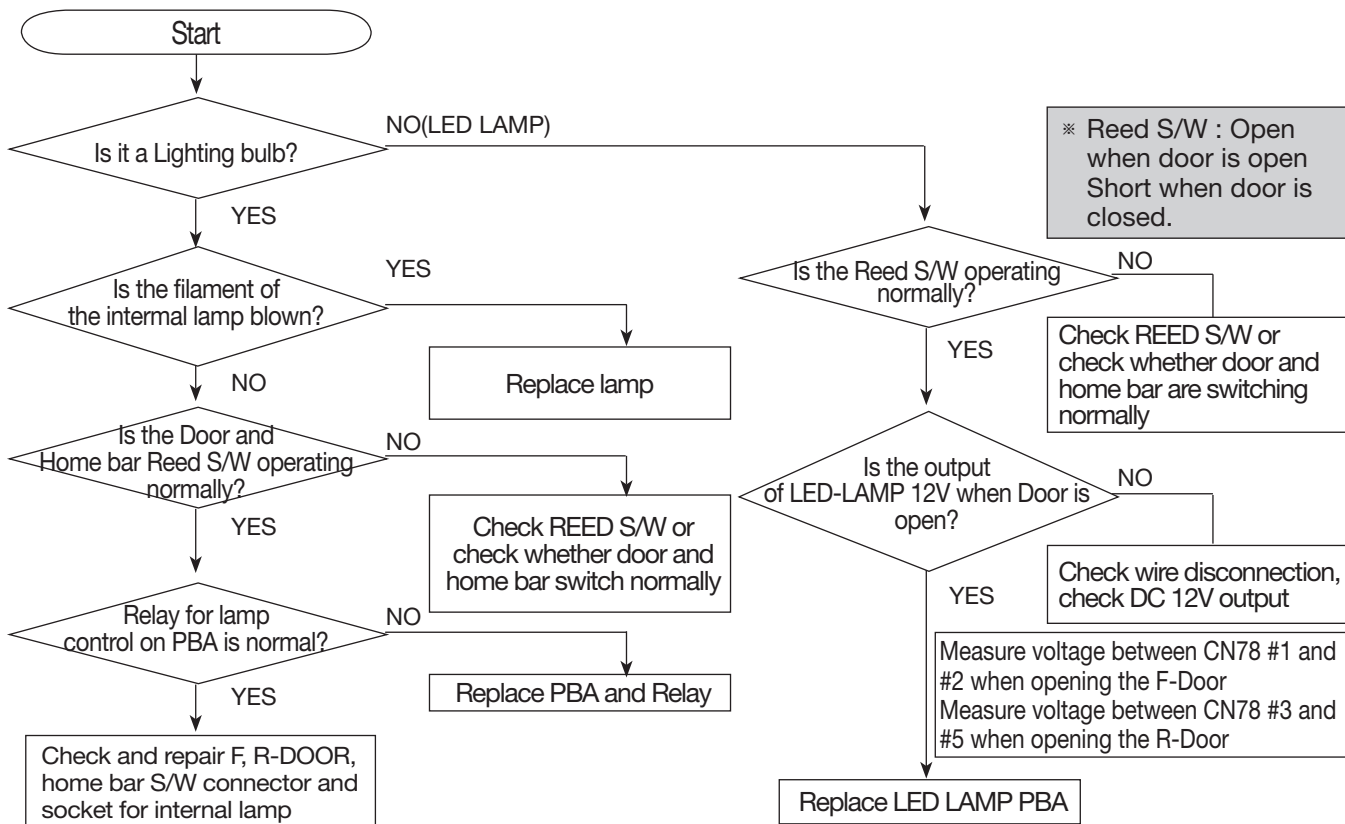
1. Turn off the power for repair because there is risk of electric shock when replacing the internal lamp.
2. Please keep in mind you could get burnt by the excessive heating of an incandescent Lighting bulb.

Reference

Internal lamp RELAY switches ON/OFF as the DOOR is OPEN/CLOSE.
When the internal lamp is not on, check the operating noise of the RELAY.
RELAY operation noise is generated every time as the DOOR is OPEN/CLOSE.

Reference

1. When the DOOR is open, the DOOR S/W becomes OPEN. Micom senses 5V from Door S/W and recognizes that the Door is open. If 5V has sensed for more than 2 minutes, buzzer will sounds "DingDong" every 1 minute. Therefore, if the DOOR S/W is defective, it can generate the "Ding Dong" sound every 1 minute.
2. ON/OFF control of the internal lamp is linked with the DOOR S/W.



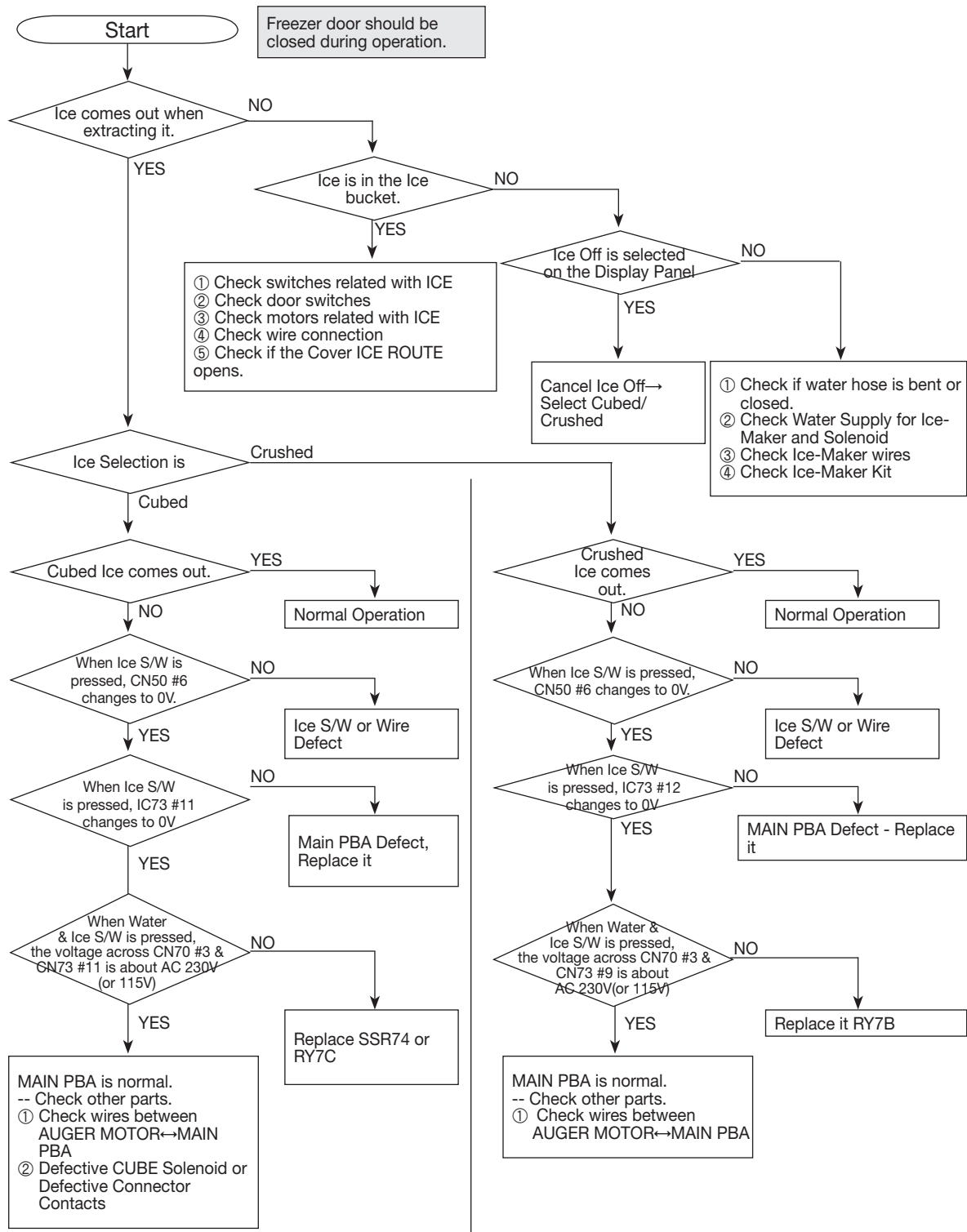
<Lighting bulb control method>

	Fridge internal lamp	Freezer internal lamp
Model with Lighting bulb applied	On : Fridge door is open or Fridge HomBar is open	On : Freezer door is open or Freezer HomBar is open
	RY76	RY75

4. TROUBLESHOOTING

4-17) When Crush (Crushed Ice) & Cube (Cubed Ice) does not operate well

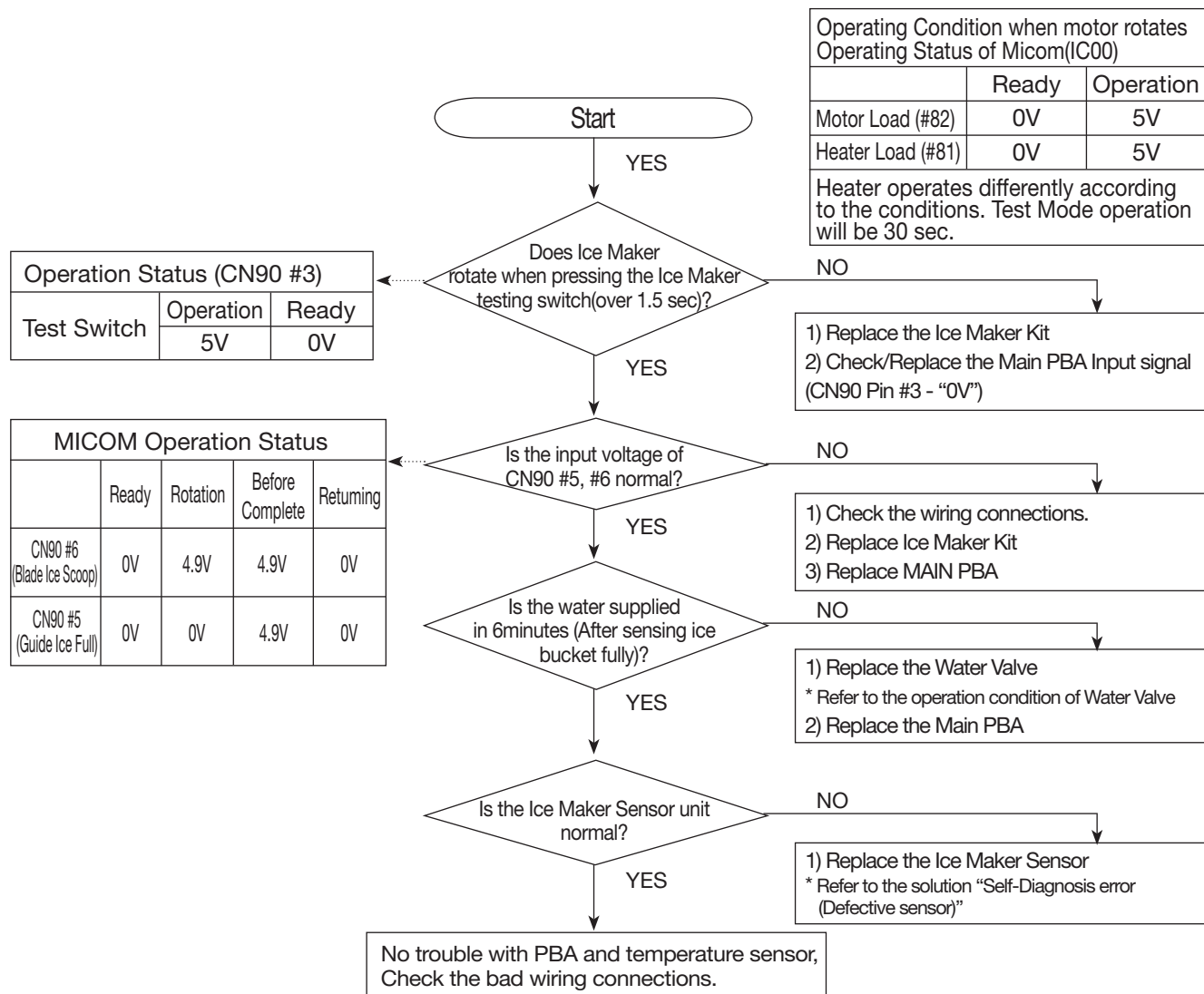
Only for Dispenser models



4. TROUBLESHOOTING

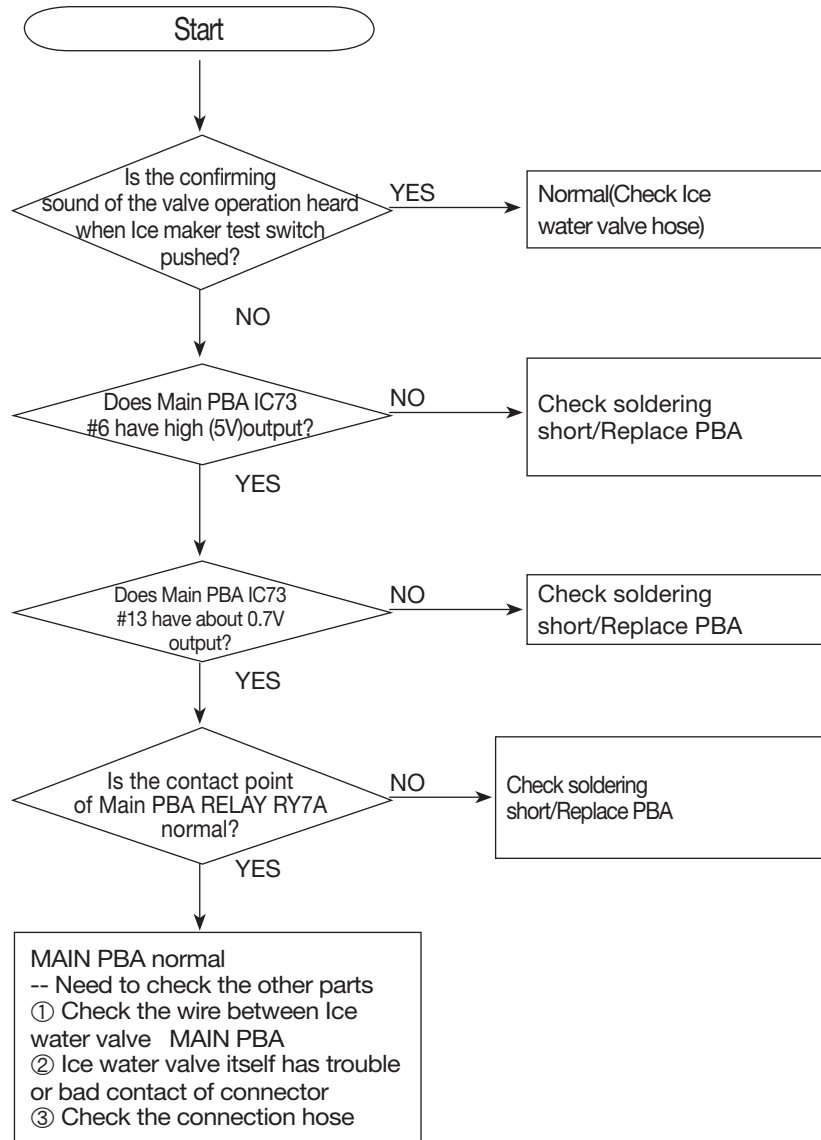
4-18) If Ice-Maker does not operate(In door type Ice Marker)

1. Water is automatically supplied to the Ice Maker by temperature & time.
Ice Maker Dispenses cubed or crushed ice.
2. Power is applied to the one end of wires. Be careful when disassembling and should refer to exploded diagram in any case.
3. Ice Maker operation should be checked after pressing the Ice Maker testing switch.
(Freezer Ice Maker) It is unable to check when the power is disengaged.
4. We recommend that TWO PEOPLE check the PBA and Ice Maker because they are located at front and rear side each.
5. Be careful! The Ice Maker Heater can cause personal injury like burn.



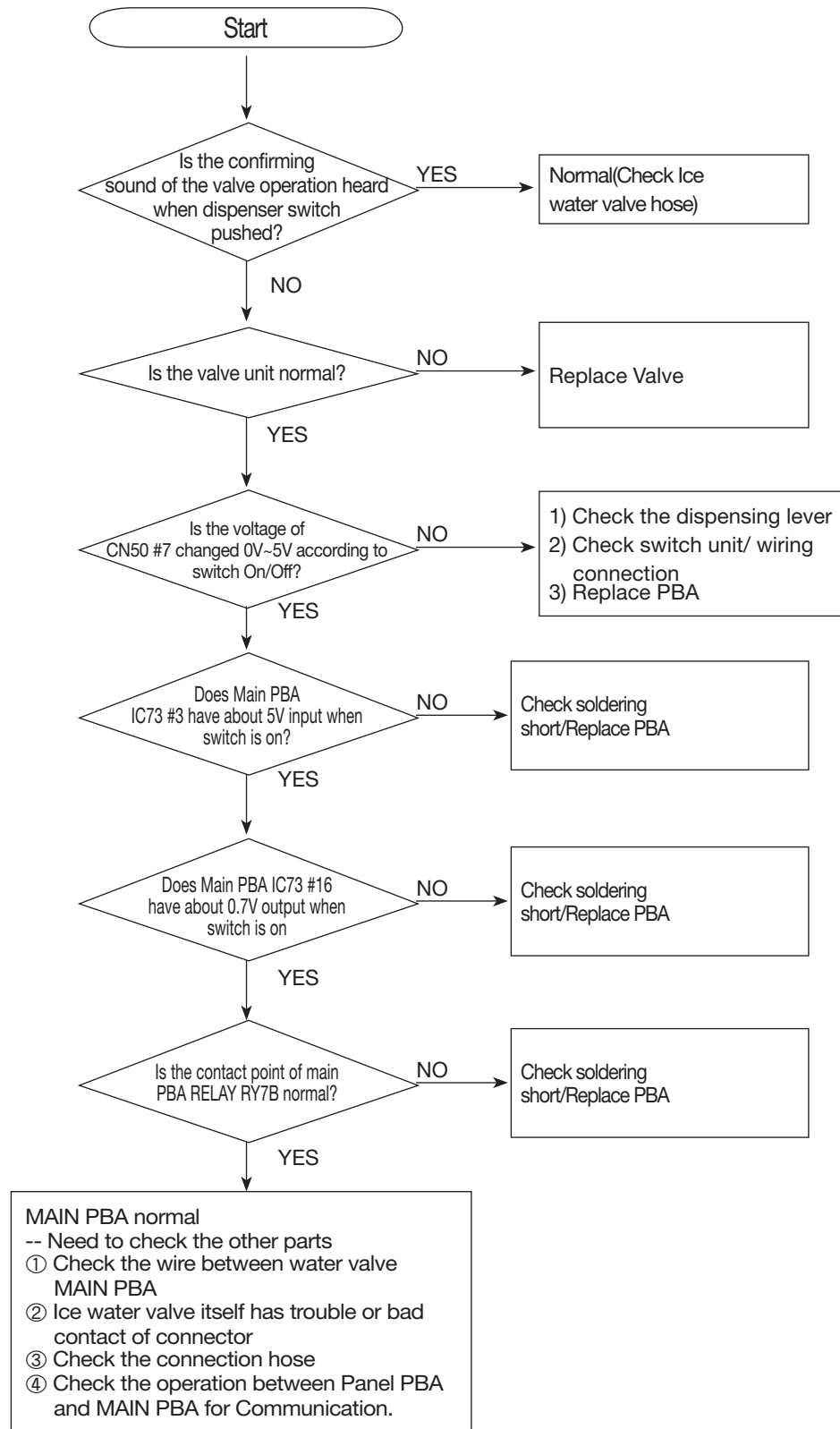
4. TROUBLESHOOTING

4-19) If ICE Water is not supplied



4. TROUBLESHOOTING

4-20) If Water is not supplied



4. TROUBLESHOOTING

4-21) 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

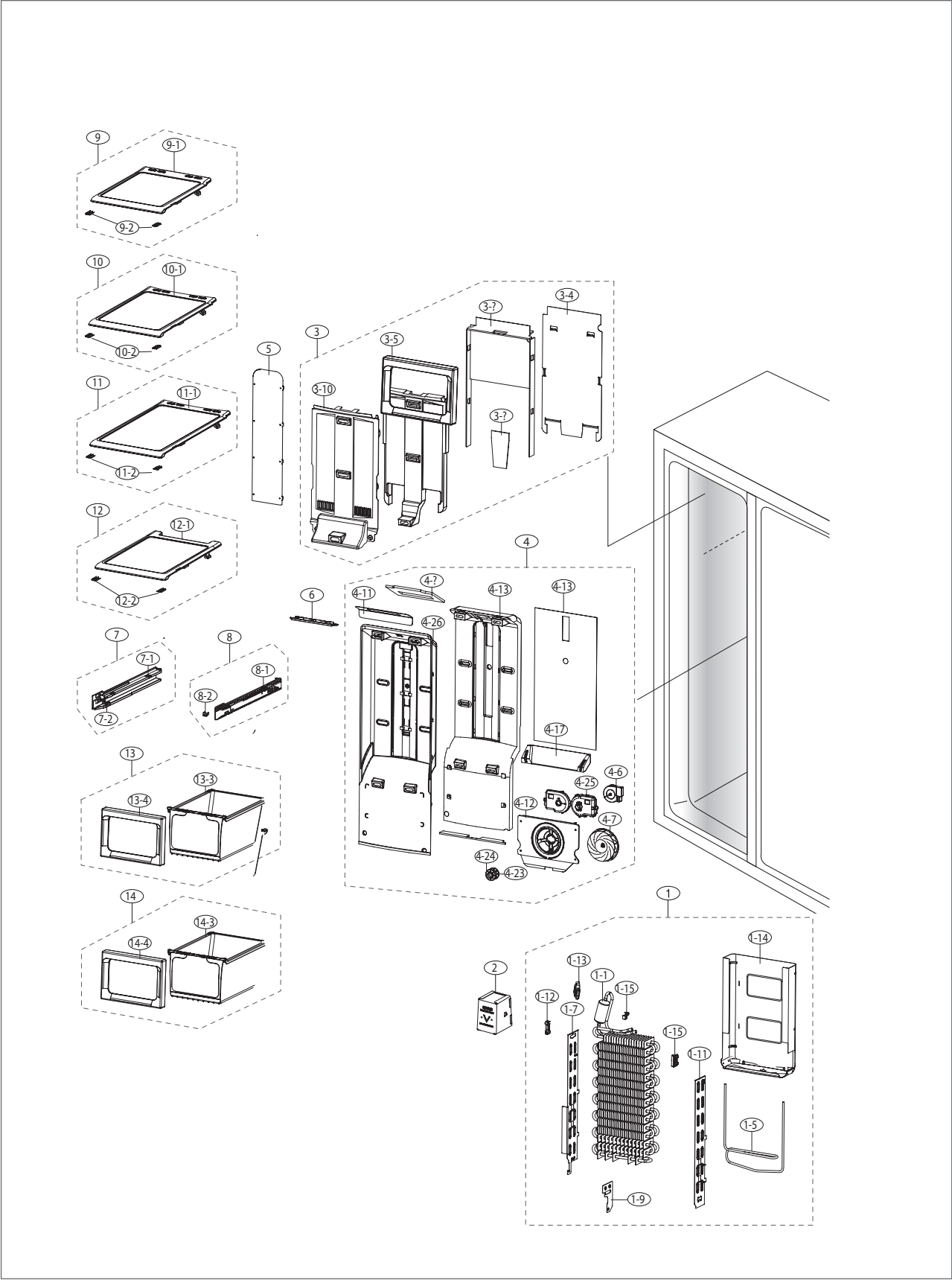
°C	°F	Voltage	Resistance	°C	°F	Voltage	Resistance	°C	°F	Voltage	Resistance
-50	-58	4.694	153319	-5	23	3.107	16419	40	104	1.153	2997
-49	-56.2	4.677	144794	-4	24.8	3.057	15731	41	105.8	1.124	2899
-48	-54.4	4.659	136798	-3	26.6	3.006	15076	42	107.6	1.095	2805
-47	-52.6	4.641	129294	-2	28.4	2.955	14452	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

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5 . EXPLODED VIEW & PARTS LIST

5-1) Freezer



5. EXPLODED VIEW & PARTS LIST

■ Parts List of Freezer

NO	CODE NO.	PART NAME	Specification	QUANTITY	Unit	SA/SNA	Remark
1	DA96-00679A	ASSY EVAP FRE	SSEDA,125V,218W,BEST/GOOD	PC		SA	
1-1	6501-000122	CABLE TIE	DACT-100,-,W2.5,L101.6,NTR,NYLON66	PC		SNA	
1-2	DA02-10013B	TAPE ETC-AL	ALL MODEL,-, -,T0.03,W30,IRL,-, -	M		SNA	
1-3	DA32-00029N	SENSOR TEMP	DTN-C502G6X,NEXT-PJT,40~110°C,5V,Defrost Sensor, No TPA, PVC Tube(350mm),White wire,400mmPC	PC		SA	
1-4	DA47-00301D	THERMO FUSE-ASSY	ARAM,120V/250V,15A/10A,109~110°C,150mm	PC		SA	
1-5	DA47-00324A	HEATER SHEATH-METAL FRE	SSEDA-PJT,INCLOY 840,220W,120V,65.5 ohm	PC		SA	
1-6	DA59-00402A	EVAP-FRE	SSEDA,AL	PC		SA	
1-7	DA61-05764A	PLATE-EVAP FRE L	SSEDA,A1050,T0.8,P-H14	PC		SNA	
1-8	DA61-05765A	PLATE-EVAP FRE R	SSEDA,A1050,T0.8,P-H14	PC		SNA	
1-9	DA61-06102A	PLATE-EVAP FRE SUB	SSEDA,A1050,T0.8	PC		SNA	
1-10	DA60-90005A	RIVET-AVEX	AL,D3.2,L10.6	PC		SNA	
1-11	DA61-05160A	FIXER-FUSE	CULLI_09,PP,BJ-730,NTR,-	PC		SA	
1-12	DA61-05475A	FIXER-EVAP FRE	CULLI_09,PP,BJ-730,NTR	PC		SA	
1-13	DA61-05587A	FIXER-SENSOR	SSEDA,PP,T2.0,NTR,HIT/VALUE,BJ-730	PC		SA	
1-14	DA61-05700B	PLATE-DRAIN FRE	SSEDA,GL-SAZCC,T0.3,BEST/BETTER	PC		SNA	
1-15	DA61-06013A	FIXER-WIRE	AW3-PJT,PP,NTR	PC		SA	
1-16	DA62-02437H	SEAL CUTT-FOAM PE	SSEDA,FOAM-PE,T2,W80,L140,ADHESIVE/VALUE	PC		SNA	
2	DA63-04108A	COVER-FIXER HOUSING	08 CULLINAN,SAZCC,-, -, -, -, -, -,T0.4	PC	2	SA	
3	DA97-08689A	ASSY COVER EVAP-FRE	SSEDA,BEST/GOOD	PC	1	SA	
3-1	0203-001366	TAPE-DOUBLE FACE	313,T0.13,W20,L20M,NTR	PC	0.6	SNA	
3-2	DA02-10009A	TAPE ETC-COTTON	-, -, -,W25,L25M,-, -, -	M	0.05	SNA	
3-3	DA02-10013B	TAPE ETC-AL	ALL MODEL,-, -, -,T0.03,W30,IRL,-, -, -	M	0.5	SNA	
3-4	DA61-05768A	PLATE-EVAP HEATER FRE	SSEDA,GL-SAZCC,T0.3	PC	1	SNA	
3-5	DA62-02422A	INSULATION-EVAP FRE	SSEDA,FOAM-PS,WHITE	PC	1	SNA	
3-6	DA62-02447A	SEAL-COVER EVAP FRE	SSEDA,FOAM-PE+AL,T2,ADHESIVE ONE SIDE	PC	1	SNA	
3-7	DA62-02449A	SEAL-INSULATION EVAP	SSEDA,OJC-3000,WHITE,T5	PC	1	SNA	
3-8	DA62-02451A	SEAL-INS EVAP SIDE	SSEDA,OJC-3000,WHITE,T3,one-side adhesive	PC	2	SNA	
3-9	DA62-02636A	SEAL-PLATE EVAP HEATER FRE	SSEDA,FOAM-PE+AL,T2,240,260,ADHESIVE ONE SIDE	PC	1	SNA	
3-10	DA63-05333A	COVER EVAP-FRE	SSEDA,PP,NTR,COOL WHITE(SC-02740R)	PC	1	SNA	
4	DA97-08690A	ASSY COVER MULTI-FRE	SSEDA,BEST	PC		SA	
4-1	0203-001152	TAPE-AL FOIL	DTS-01,T0.06,W100,L100000,SIL,-	M		SNA	
4-2	6002-001079	SCREW-TAPPING	TH,+,-,2S,M4,L10,PASS,STS304,-	PC		SNA	
4-3	6002-001204	SCREW-TAPPING	TH,+,-,1,M4,L16,PASS,STS430,-	PC		SNA	
4-4	DA02-10005A	TAPE ETC-MASKING	-, -, -,W25,-, -, -, -	M		SNA	
4-5	DA02-10009A	TAPE ETC-COTTON	-, -, -,W25,L25M,-, -, -	M		SNA	
4-6	DA31-00146E	MOTOR FAN-BLDC	DREP5020LB,BLDC Motor,0.268,-,3.21,-,2520,-,DC 12V,-,29dB,-	PC		SA	
4-7	DA31-00242A	FAN-TURBO	SSEDA,ABS,ALL MODEL,HF-0660I,COOL WHITE,34.93g	PC		SNA	
4-8	DA32-10109W	SENSOR TEMP	PX-41C,502AT-2,A-TOP,-,5V,-, -,F,R-SENSOR,BLUE,250mm	PC		SA	
4-9	DA41-00519H	PBA-LED LAMP	Cullinan/Haemil-PJT,F-ROOM,FR-4,335*20*1.6t,3chip 12EA,12V,DC,N,-, -, -	PC		SA	

: ASSY PART

5 . EXPLODED VIEW & PARTS LIST

■ Parts List of Freezer

NO	CODE NO.	PART NAME	Specification	QUANTITY	Unit	SA/SNA	Remark
4-10	DA61-03622A	BRACKET-FIXER HOUSING	HERMES,GALVANUM,T0.3,-,-,-,-	PC		SNA	
4-11	DA61-05763A	PLATE-MULTI FRE	SSEDA,PP,NTR	PC		SNA	
4-12	DA61-05777A	SUPPORT-MOTOR REF	SSEDA,ABS,NTR	PC		SNA	
4-13	DA61-06103A	PLATE-MULTI FRE REAR	SSEDA,HOMO-PP,T0.35,WHITE	PC		SNA	
4-14	DA61-20128A	SPRING ETC-FAN	STS304,PI7.8,-,OD1.0,-,-,-,-,FD	PC		SNA	
4-15	DA62-02127K	SEAL CUTT-FOAM PE	AW-SEM,FOAM-PE,-,T3,W40,L90,-	PC		SNA	
4-16	DA62-02420A	INSULATION-MULTI FRE	SSEDA,FOAM-PS,WHITE	PC		SNA	
4-17	DA62-02421A	INSULATION-MULTI FRE SUB	SSEDA,FOAM-PS,WHITE	PC		SNA	
4-18	DA62-02425G	SEAL CUTT-OJC	SSEDA,BEST,OJC-3000,WHITE,T5,W50,L60,ADHESIVE	PC		SNA	
4-19	DA62-02425M	SEAL CUTT	SSEDA,OJC-3000,T7,W15,L390	PC		SA	
4-20	DA62-02450A	SEAL-DUCT FRE	SSEDA,OJC-3000,WHITE,T7,one-side adhesive	PC		SNA	
4-21	DA62-02452A	SEAL-INS MULTI	SSEDA,OJC-3000,WHITE,T3,one-side adhesive	PC		SNA	
4-22	DA62-02638A	SEAL-INS MULTI LOW	SSEDA,OJC-3000,WHITE,T5,ADHESIVE ONE SIDE	PC		SNA	
4-23	DA63-01146A	GROMMET-MOTOR,REAR	A-TOP,NBR,-,-,-,ID6.5,OD42,BLK,BLDC	PC		SA	
4-24	DA63-01808A	GROMMET-MOTOR,FRONT	BLDC,NBR,BLACK,-,-,-,-,H20	PC		SA	
4-25	DA63-04651A	COVER MOTOR-BLDC	AW-PJT,PP,-,-,-,-,NATURAL,DA63-01809A	PC		SNA	
4-26	DA63-05334A	COVER-MULTI FRE	SSEDA,PP,COOL WHITE(SC-02740R),MASTERBATCH	PC		SNA	
4-27	DA63-40167A	GROMMET-COVER CHIL	SILICON,L16,WHITE	PC		SA	
4-28	DA96-00042Q	ASSY-HARNESS MOTOR	SSEDA-PJT,FRE BLDC FAN	PC		SA	
4-29	DA96-00424S	ASSY W/HARNESS-LED LAMP	SSEDA-PJT,DC 12V	PC		SA	
5	DA63-05335A	COVER-LAMP FRE	SSEDA,PP,NTR	PC	1	SNA	
6	DA67-02480A	CAP-ICE DUCT FRE	SSEDA,ABS,COOL WHITE(SC-02740R)	PC	1	SNA	
7	DA97-08121A	ASSY RAIL-BASKET L	SSEDA,ALL	PC		SA	
7-1	DA61-05553A	RAIL-BASKET L	SSEDA,ABS,COOL WHITE(SC-02740R),ALL, HF-06601	PC		SNA	
7-2	DA63-05237A	GROMMET-RAIL	SSEDA,NY-66,COOL WHITE(SC-02740R),ALL, ZYTEL 101F	PC		SNA	
8	DA97-08122A	ASSY RAIL-BASKET R	SSEDA,ALL	PC		SA	
8-1	DA61-05554A	RAIL-BASKET R	SSEDA,ABS,COOL WHITE(SC-02740R),ALL, HF-06601	PC		SNA	
8-2	DA63-05237A	GROMMET-RAIL	SSEDA,NY-66,COOL WHITE(SC-02740R),ALL, ZYTEL 101F	PC		SNA	
9	DA97-08368A	ASSY SHELF FRE-TOP	SSEDA-PJT,BEST/BETTER	PC	1	SA	
9-1	DA64-03180A	TRIM SHELF	SSEDA,LDPE,L30,WHITE	PC	2	SA	
9-2	DA67-02478A	SHELF-FRE TOP	SSEDA,HIPS,COOL WHITE(SC-02740R)	PC	1	SA	
9-3	DA67-02481A	SHELF GLASS-FRE TOP	SSEDA,GLASS,T3.2,277.8,349.6,NTR	PC	1	SA	
10	DA97-08369A	ASSY SHELF FRE-UP	SSEDA-PJT,BEST/BETTER	PC	1	SA	
10-1	DA64-03180A	TRIM SHELF	SSEDA,LDPE,L30,WHITE	PC	2	SA	
10-2	DA67-02475A	SHELF-FRE UP	SSEDA,HIPS,COOL WHITE(SC-02740R),GROSSY	PC	1	SA	

: ASSY PART

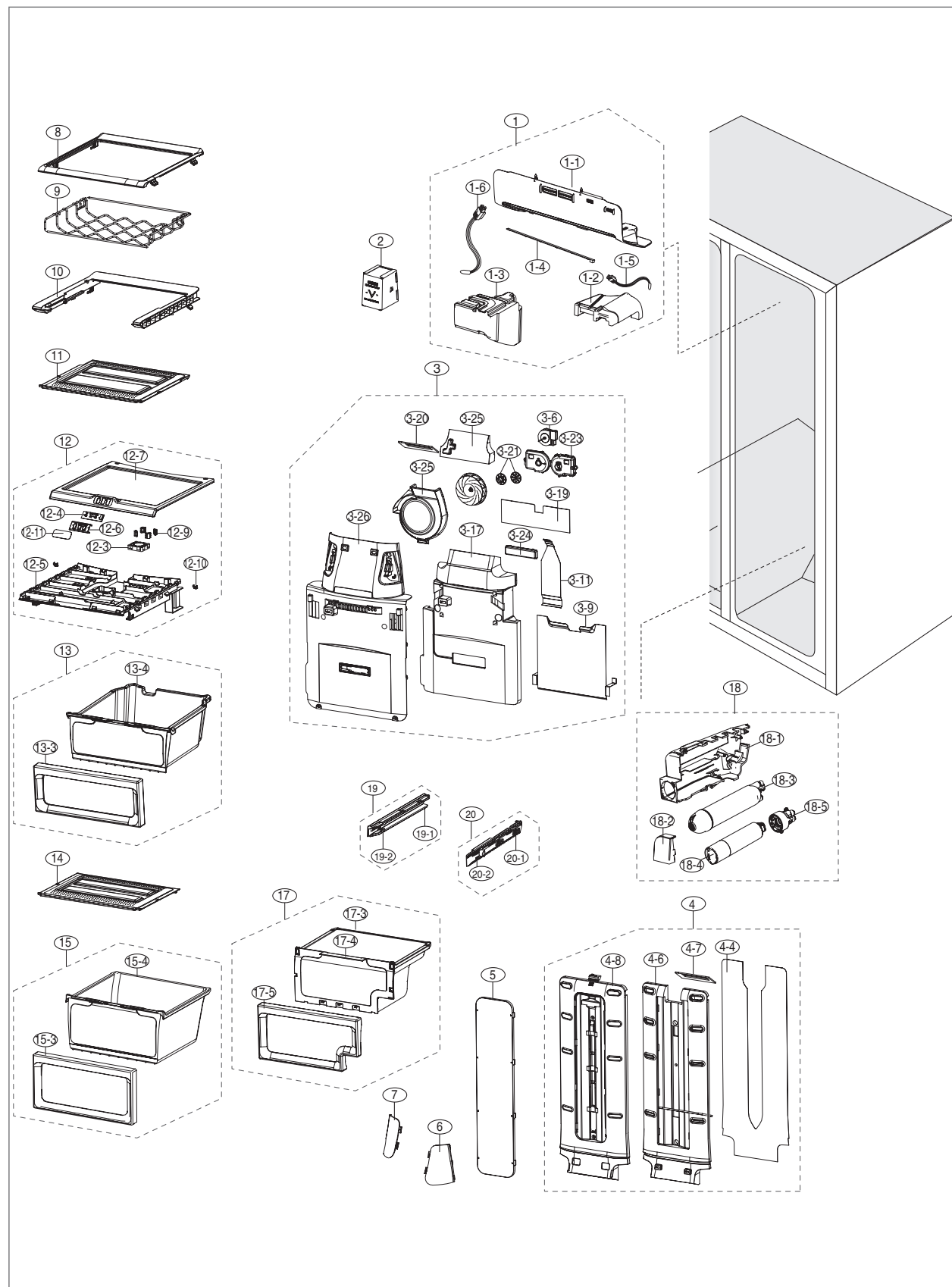
5 . EXPLODED VIEW & PARTS LIST

■ Parts List of Freezer

NO	CODE NO.	PART NAME	Specification	QUANTITY	Unit	SA/SNA	Remark
10-3	DA67-02481B	SHELF GLASS-FRE UP	SSEDA, GLASS, 3.2T, 279.8, 320.2, NTR	PC	1	SA	
11	DA97-08370A	ASSY SHELF FRE-MID	SSEDA-PJT, BEST/BETTER	PC	1	SA	
11-1	DA64-03180A	TRIM SHELF	SSEDA, LDPE, L30, WHITE	PC	2	SA	
11-2	DA67-02476A	SHELF-FRE MID	SSEDA, HIPS, COOL WHITE(SC-02740R)	PC	1	SA	
11-3	DA67-02481C	SHELF GLASS-FRE MID	SSEDA, GLASS, 3.2T, 279.8, 373.6, NTR	PC	1	SA	
12	DA97-08371A	ASSY SHELF FRE-LOW	SSEDA-PJT, BEST/BETTER	PC	1	SA	
12-1	DA64-03180A	TRIM SHELF	SSEDA, LDPE, L30, WHITE	PC	2	SA	
12-2	DA67-02477A	SHELF-FRE LOW	SSEDA, HIPS, COOL WHITE(SC-02740R), GROSSY	PC	1	SA	
12-3	DA67-02481D	SHELF GLASS-FRE LOW	SSEDA, GLASS, 3.2T, 275.8, 358.6, NTR	PC	1	SA	
13	DA97-08372A	ASSY CASE-BASKET FRE UPP	SSEDA-PJT, BEST/BETTER	PC	1	SA	
13-1	DA02-10011D	TAPE ETC-PE	G-PJT, -, T0.05, W150, -, -, -, IRI	M	0.23	SNA	
13-2	DA02-10011E	TAPE ETC-PE	ALL, -, PE-TAPE, T0.05, W30, 1RL, -, DOOR PART	M	0.76	SNA	
13-3	DA61-05766A	CASE-BASKET FRE UPP	SSEDA, SAN, NTR	PC	1	SNA	
13-4	DA63-05329A	COVER-BASKET FRONT FRE	SSEDA, HIPS, COOL WHITE(SC-02740R), GROSSY	PC	1	SNA	
14	DA97-08373A	ASSY CASE-BASKET FRE LOW	SSEDA-PJT, BEST/BETTER	PC	1	SA	
14-1	DA02-10011D	TAPE ETC-PE	G-PJT, -, T0.05, W150, -, -, -, IRI	M	0.23	SNA	
14-2	DA02-10011E	TAPE ETC-PE	ALL, -, PE-TAPE, T0.05, W30, 1RL, -, DOOR PART	M	0.63	SNA	
14-3	DA61-05767A	CASE-BASKET FRE LOW	SSEDA, SAN, NTR	PC	1	SNA	
14-4	DA63-05329A	COVER-BASKET FRONT FRE	SSEDA, HIPS, COOL WHITE(SC-02740R), GROSSY	PC	1	SNA	

5 . EXPLODED VIEW& PARTS LIST

5-2) Refrigerator



5 . EXPLODED VIEW& PARTS LIST

■ Parts List of Refrigerator

NO	CODE NO.	PART NAME	Specification	QUANTITY	Unit	SA/SNA	Remark
1	DA96-00681A	ASSY EVAP REF	SSEDA,120V,140W,BEST/GOOD	PC	1	SA	
1-1	6130-000386	RETAINER	49547-0392,POLYAMIDE,UPPER TPA, RED	PC	1	SNA	
1-2	6130-000387	RETAINER	49548-0390,POLYAMIDE,LOWER TPA, NATURAL	PC	1	SNA	
1-3	6501-000122	CABLE TIE	DACT-100,-,W2.5,L101.6,NTR,NYLON66	PC	2	SNA	
1-4	DA32-00029Q	SENSOR TEMP	DTN-C502G6X,SSEDA-PJT,40~110 ,5V,Defrost Sensor, No	PC	1	SA	
1-5	DA47-00301B	THERMO FUSE-ASSY	HERMES,120V/250V,15A/10A,109~110 ,100mm	PC	1	SA	
1-6	DA47-00322B	HEATER SHEATH-METAL REF	SSEDA-PJT,INCLOY840,140W,120V,102.8 ohm	PC	1	SA	
1-7	DA59-00405A	EVAP REF	SSEDA	PC	1	SA	
1-8	DA61-04833A	PLATE-EVAP PIN REF	AW-PJT,AL,T0.18,-,-,-,DA61-03225A	PC	186	SNA	
1-9	DA61-06072A	PLATE-EVAP REF R	SSEDA,AL,T0.8,A1050P-H14	PC	1	SNA	
1-10	DA61-06073A	PLATE-EVAP REF L	SSEDA,A1050,T0.8,P-H14	PC	1	SNA	
1-11	DA61-00603A	FIXER-SENSOR	n-PJT,PP,-,-,-	PC	1	SA	
1-12	DA61-05160A	FIXER-FUSE	CULLI_09,PP,BJ-730,NTR,-	PC	3	SA	
1-13	DA61-05925A	FIXER-WIRE	ARAM,PP,T2.0,WHITE,flame retardant	PC	1	SNA	
1-14	DA61-06031A	FIXER-HEATER SUB	HAEMIL10,PP,NTR	PC	2	SA	
1-15	DA61-06071A	PLATE-DRAIN EVAP REF	SSEDA,AL,T0.4	PC	1	SNA	
1-16	DA61-06147A	PLATE-EVAP REF SUB	HAEMIL_10,A1100,T0.7,W50.0,L63.7	PC	1	SNA	
2	DA63-04108A	COVER-FIXER HOUSING	08 CULLINAN,SAZCC,-,-,-,-,-,T0.4	PC	2	SA	
3	DA97-08724A	ASSY COVER-EVAP REF	SSEDA,ASSY	PC	1	SA	
3-1	0203-001366	TAPE-DOUBLE FACE	#313,T0.13,W20,L20M,NTR	PC	0.26	SNA	
3-2	6002-001079	SCREW-TAPPING	TH,+,-,2S,M4,L10,PASS,STS304,-	PC	3	SNA	
3-3	6002-001204	SCREW-TAPPING	TH,+,-,1,M4,L16,PASS,STS430,-	PC	4	SNA	
3-4	DA02-10005A	TAPE ETC-MASKING	-,-,-,W25,-,-,-,-	M	0.9	SNA	
3-5	DA02-10013B	TAPE ETC-AL	ALL MODEL,-,-,T0.03,W30,IRL,-,-	M	1.05	SNA	
3-6	DA31-00146J	MOTOR BLDC	1920,DC12V,230mA,2.8W	PC	1	SA	
3-7	DA31-00242A	FAN-TURBO	SSEDA,ABS,ALL MODEL,HF-0660I,COOL WHITE,34.93g	PC	1	SNA	
3-8	DA39-00060L	WIRE HARNESS-MOTOR	OMEGA,-,-,-,-,-,35151-0410,N0090-9204,-,BLDC,-,-,-,-,F-FAN	PC	1	SNA	
3-9	DA61-05776A	PLATE-EVAP HEATER REF	SSEDA,GL-SAZCC,T0.3	PC	1	SNA	
3-10	DA61-05777B	SUPPORT-MOTOR REF	SSEDA,ABS,NTR,REF	PC	1	SNA	
3-11	DA61-06185A	PLATE-DRAIN INS EVAP REF	SSEDA,AL,T0.6	PC	1	SA	
3-12	DA61-20128A	SPRING ETC-FAN	-,STS304,PI7.8,-,OD1.0,-,-,-,-,FD	PC	1	SNA	
3-13	DA62-02425H	SEAL CUTT-OJC	SSEDA,BEST,OJC-3000,WHITE,T7,W15,L1100,ADHESIVE	PC	1	SNA	
3-14	DA62-02425J	SEAL CUTT-OJC	SSEDA,BEST,OJC-3000,WHITE,T10,W20,L45,ADHESIVE	PC	1	SNA	
3-15	DA62-02425K	SEAL CUTT-OJC	SSEDA,BEST,OJC-3000,WHITE,T10,W20,L350,ADHESIVE	PC	2	SNA	
3-16	DA62-02425L	SEAL CUTT-OJC	SSEDA,BEST,OJC-3000,WHITE,T10,W20,L450,ADHESIVE	PC	1	SNA	
3-17	DA62-02581A	INSULATION-EVAP REF A(FAN)	SSEDA,FOAM-PS,WHITE	PC	1	SNA	
3-18	DA62-02582A	INSULATION-EVAP REF B	SSEDA,FOAM-PS,WHITE	PC	1	SNA	
3-19	DA62-02647A	SEAL-COVER EVAP REF AL	SSEDA,FOAM-PE+AL,T2	PC	1	SA	
3-20	DA62-02651A	SEAL-EVAP REF	SSEDA,OJC-3000,WHITE,T5	PC	1	SA	
3-21	DA63-01146A	GROMMET-MOTOR,REAR	A-TOP,NBR,-,-,-,ID6.5,OD42,BLK,BLDC	PC	1	SA	

: ASSY PART

5 . EXPLODED VIEW & PARTS LIST

■ Parts List of Refrigerator

NO	CODE NO.	PART NAME	Specification	QUANTITY	Unit	SA/SNA	Remark
3-22	DA63-01808A	GROMMET-MOTOR,FRONT	BLDC,NBR,BLACK,-,-,-,-,H20	PC	1	SA	
3-23	DA63-01809A	COVER MOTOR-BLDC	BLDC-NEW,PP,NTR,-,-,-,-,BJ-730	PC	1	SA	
3-24	DA63-05341A	COVER-LED REF LOW	SSEDA,PP,NTR	PC	1	SNA	
3-25	DA63-05345A	COVER-FAN SCROLL	SSEDA,ABS,NTR	PC	1	SNA	
3-26	DA63-05533A	COVER EVAP-REF	SSEDA,PP,COOL WHITE(SC-02740R),75MM	PC	1	SNA	
3-27	DA96-00392B	ASSY-LAMP LED	AW-PJT,ROOM LAMP_LED 60mA	PC	1	SA	
3-28	DA96-00424V	ASSY-WIRE HARNESS LED	SSEDA-PJT,LED LAMP WIRE	PC	1	SA	
4	DA97-08725A	ASSY COVER-MULTI REF	SSEDA,ASSY	PC	1	SA	
4-1	DA02-10005A	TAPE ETC-MASKING	-,-,-,W25,-,-,-,-	M	3.02	SNA	
4-2	DA32-10105U	SENSOR TEMP	502AT,A-TOP,-50~50,5V,-,-,ROOM-SENSOR(PX-	PC	1	SA	
4-3	DA41-00519E	PBA-LED LAMP	CORE-PJT,R-ROOM,FR-4,490*20*1.6t,3chip 12EA,12V,DC	PC	1	SA	
4-4	DA61-06246A	PLATE-MULTI REF REAR	SSEDA,HOMO-PP,T0.35,W743.8,L277.4,WHITE	PC	1	SNA	
4-5	DA62-02425G	SEAL CUTT-OJC	SSEDA,BEST,OJC-3000,WHITE,T5,W50,L60,ADHESIVE	PC	1	SNA	
4-6	DA62-02580A	INSULATION-MULTI REF	SSEDA,FOAM-PS,WHITE,75MM	PC	1	SNA	
4-7	DA62-02649A	SEAL-MULTI LOW	SSEDA,OJC-3000,WHITE,T5	PC	1	SA	
4-8	DA63-05532A	COVER-MULTI REF	SSEDA,PP,COOL WHITE(SC-02740R),75MM	PC	1	SNA	
4-9	DA96-00424Q	ASSY W/HARNESS-LED LAMP	SSEDA-PJT,DC 12V	PC	1	SA	
5	DA63-05342A	COVER-LAMP REF	SSEDA,PP,NTR	PC	1	SNA	
6	DA63-05343A	COVER-LAMP REF MID L	SSEDA,PP,NTR	PC	1	SNA	
6-1	DA97-08115A	ASSY RAIL-VEG L	SSEDA,ALL	PC	2	SNA	
6-2	DA61-05555A	RAIL-VEG L	SSEDA,ABS,COOL WHITE(SC-02740R),ALL, HF-06601	PC	1	SNA	
6-3	DA63-05237A	GROMMET-RAIL	SSEDA,NY-66,COOL WHITE(SC-02740R),ALL, ZYTEL 101F	PC	1	SNA	
6-4	DA97-08116A	ASSY RAIL-VEG R	SSEDA,ALL	PC	2	SNA	
6-5	DA61-05556A	RAIL-VEG R	SSEDA,ABS,COOL WHITE(SC-02740R),ALL, HF-06601	PC	1	SNA	
6-6	DA63-05237A	GROMMET-RAIL	SSEDA,NY-66,COOL WHITE(SC-02740R),ALL, ZYTEL 101F	PC	1	SNA	
7	DA63-05344A	COVER-LAMP REF MID R	SSEDA,PP,NTR	PC	1	SNA	
8	DA67-02417A	SHELF-REF UP	SSEDA,PP,440,458.6,COOL WHITE(SC-02410R),INSERT,BJ-	PC	2	SA	
8-1	DA01-00546A	GLASS-SHELF REF UP	W399, D427,T3.2,ALL	PC	1	SNA	
9	DA96-00680A	ASSY-RACK WINE	SSEDA-PJT,STS204	PC	1	SA	
9-1	DA02-10011A	TAPE ETC-PE	-,-,T0.05,W60,1RL,-,-,-	M	0.72	SNA	
9-2	DA75-00211A	RACK-WINE	SSEDA,STS204,OD5.0	PC	1	SNA	
10	DA67-02474A	SHELF REF-FOLD RAIL	SSEDA,ABS,COOL WHITE(SC-02740R)	PC	1	SNA	
11	DA97-03645C	ASSY SHELF-REF FOLD	SSEDA,INSERT	PC	1	SA	
11-1	DA02-10017A	TAPE ETC-FILAMENT	-,-,-,W18,L55M,SKY,-	M	0.07	SNA	
11-2	DA67-00903E	SHELF REF-FOLD B	SSEDA,ABS,SC-02740R	PC	1	SA	
11-3	DA67-01253Z	GLASS-SHELF FOLD B	SSEDA,GLASS,391.0*186.0,T3.2	PC	1	SNA	
11-4	DA67-01371C	SHELF REF-FOLD FRONT	SSEDA,PP,SC-02740R	PC	1	SA	

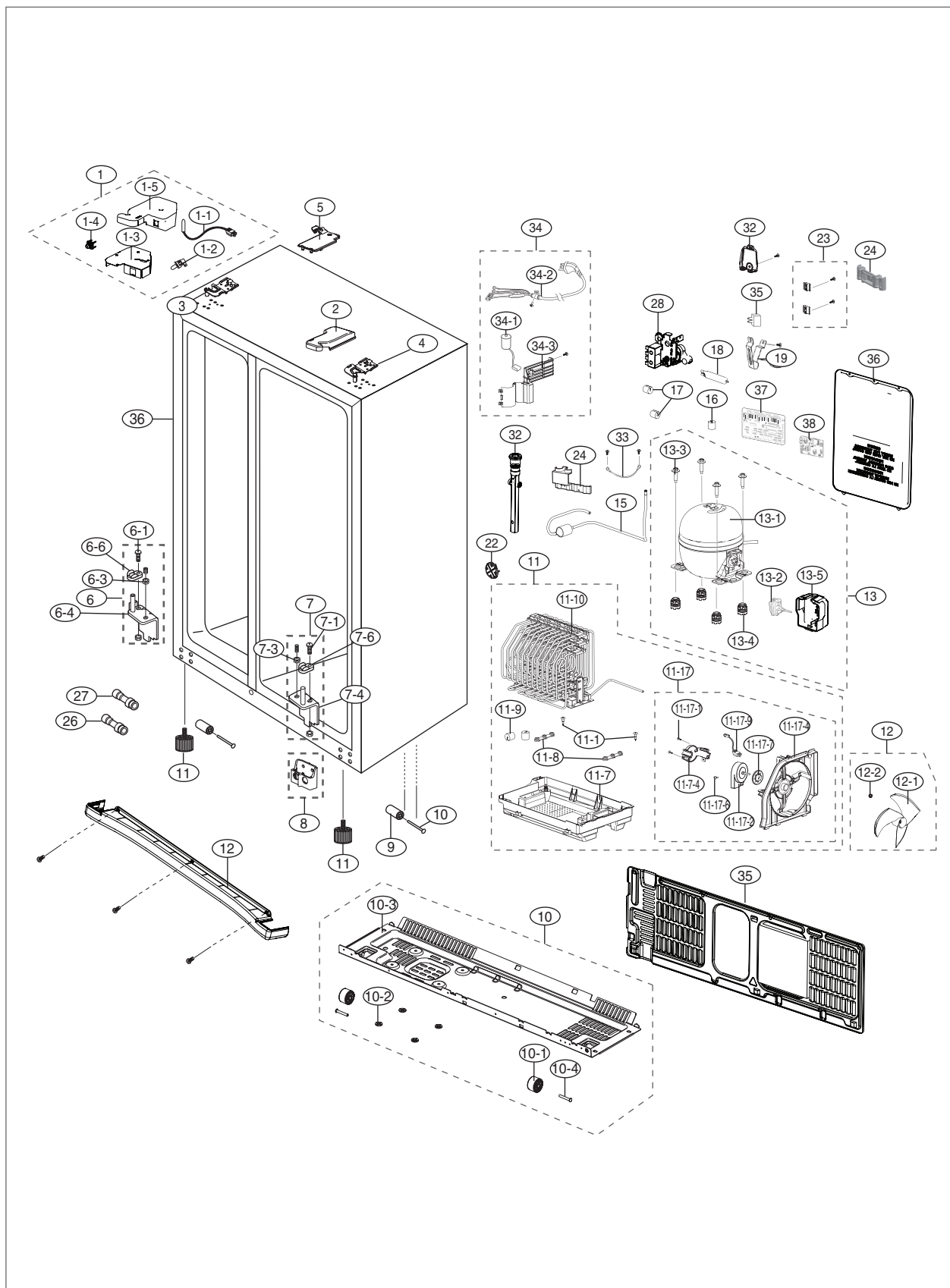
5 . EXPLODED VIEW& PARTS LIST

■ Parts List of Refrigerator

NO	CODE NO.	PART NAME	Specification	QUANTITY	Unit	SA/SNA	Remark
11-5	DA67-01285Y	GLASS-SHELF FOLD FRONT	SSEDA, GLASS, 380.0*158.0, T4.0	PC	1	SNA	
12	DA97-08355A	ASSY CASE CONVERTIBLE	SSEDA	PC	1	SNA	
12-1	6002-000466	SCREW-TAPPING	PH,+, -, 2S, M3.0, L8, ZPC(WHT), MSWR10, -	PC	3	SNA	
12-2	DA02-10017A	TAPE ETC-FILAMENT	-, -, -, W18, L55M, SKY, -	M	0.1	SNA	
12-3	DA31-00070D	MOTOR DC-BOX FAN	-, 2400, -, 12, 0.07A, -, -, 1W, -, -, -, -, -	PC	1	SA	
12-4	DA41-00681A	PBA-CONVERTIBLE	SSEDA-PJT, PBA CONVERTIBLE, FR-1, 100*30*1.6T, BLUE	PC	1	SA	
12-5	DA61-05770A	CASE-CONVERTIBLE LOW	SSEDA, ABS, COOL WHITE(SC-02740R)	PC	1	SNA	
12-6	DA61-05771A	CASE-PBA CONVERTIBLE	SSEDA, ABS, NTR, HG-0760	PC	1	SNA	
12-7	DA61-05778A	CASE-CONVERTIBLE UP	SSEDA, ABS, COOL WHITE(SC-02740R)	PC	1	SNA	
12-8	DA62-02436D	SEAL CUTT-FORM LEX	SSEDA, FOAM-LEX, T1, W20, L120, ONE SIDE ADHESIVE	PC	1	SNA	
12-9	DA63-02513A	GROMMET-FAN	USP, NBR, T1.5, W14, L14, ID15, OD18, WHITE, -	PC	4	SA	
12-10	DA63-05237A	GROMMET-RAIL	SSEDA, NY-66, COOL WHITE(SC-02740R), ALL, ZYTEL 101F	PC	2	SNA	
12-11	DA64-03193A	INLAY-CONVERTIBLE	SSEDA, PET, T0.2, GRAY	PC	1	SNA	
12-12	DA96-00677A	ASSY W/HARNESS-CONV	SSEDA-PJT, 100~240V	PC	1	SA	
13	DA97-08383A	ASSY TRAY-CHILLED ROOM	SSEDA-PJT, BEST/BETTER	PC	1	SA	
13-1	DA02-10011D	TAPE ETC-PE	G-PJT, -, T0.05, W150, -, -, -, IRI	M	0.38	SNA	
13-2	DA02-10011E	TAPE ETC-PE	ALL, -, PE-TAPE, T0.05, W30, 1RL, -, DOOR PART	M	0.63	SNA	
13-3	DA63-05330A	COVER-TRAY CHILLED	SSEDA, HIPS, COOL WHITE(SC-02740R)	PC	1	SNA	
13-4	DA63-05331A	TRAY-CHILLED ROOM	SSEDA, SAN, NTR	PC	1	SNA	
14	DA63-05355A	COVER VEG-UPP	SSEDA, GPPS, NTR	PC	1	SA	
15	DA97-08067A	ASSY CASE VEG-UPP	SSEDA	PC	1	SA	
15-1	DA02-10011D	TAPE ETC-PE	G-PJT, -, T0.05, W150, -, -, -, IRI	M	0.38	SNA	
15-2	DA02-10011E	TAPE ETC-PE	ALL, -, PE-TAPE, T0.05, W30, 1RL, -, DOOR PART	M	0.76	SNA	
15-3	DA61-05544A	CASE-VEG UPP	SSEDA, SAN, T2.5, NTR, HF-5661	PC	1	SA	
15-4	DA63-05229A	COVER VEG-FRONT UPP	SSEDA, HIPS, T2.5, COOL WHITE(SC-02740R), HG-1760SF	PC	1	SA	
16	DA63-05270A	COVER VEG-LOW	SSEDA, GPPS, NTR	PC	1	SA	
17	DA97-08069A	ASSY CASE VEG-LOW	SSEDA	PC	1	SA	
17-1	DA02-10011D	TAPE ETC-PE	G-PJT, -, T0.05, W150, -, -, -, IRI	M	0.38	SNA	
17-2	DA02-10011E	TAPE ETC-PE	ALL, -, PE-TAPE, T0.05, W30, 1RL, -, DOOR PART	M	0.63	SNA	
17-3	DA61-05545A	CASE-VEG LOW	SSEDA, SAN, T2.5, NTR, HF-5661	PC	1	SA	
17-4	DA63-05226A	COVER VEG-FRONT LOW B	SSEDA, GPPS, T2.5, NTR, HF-2660	PC	1	SA	
17-5	DA63-05230A	COVER VEG-FRONT LOW A	SSEDA, HIPS, T2.5, COOL WHITE(SC-02740R), HG-1760SF	PC	1	SA	
18	DA97-08043C	ASSY CASE-WATER FILTER	SSEDA, NTR	PC	1	SA	
18-1	DA63-05239A	COVER-FILTER	SSEDA, HIPS, COOL WHITE(SC-02740R)	1	PC	SNA	
18-2	DA63-05254A	COVER-FILTER WINDOW	SSEDA, GPPS, NTR	1	PC	SNA	
18-3	DA97-08005A	ASSY TANK WATER	SSEDA, ASSY, NTR	1	PC	SNA	
18-4	DA29-00019A	FILTER WATER	SSEDA	1	PC	SNA	
18-5	DA97-08006A	ASSY CASE-FILTER	SSEDA, WHITE	1	PC	SNA	

5 . EXPLODED VIEW & PARTS LIST

5-3) Cabinet



5 . EXPLODED VIEW& PARTS LIST

■ Parts List of Cabinet

NO	CODE NO.	PART NAME	Specification	QUANTITY	Unit	SA/SNA	Remark
1	DA97-08706C	ASSY COVER HINGE-UPP L	SSEDA,ABS,156.2,227.5,CREAMY STS(SC-07009R)	PC	1	SA	
1-1	DA34-00043B	SWITCH REED-ASS'Y	200VDC,0.5A,MDCG-4 type	PC	1	SA	
1-2	DA34-00051B	SWITCH DOOR-INTERLOCK	2 BUTTON,125V/250V,5/2.5A,2 PIN,ON-	PC	1	SA	
1-3	DA61-06092A	PLATE-COVER HINGE	SSEDA,EGI-SECC,T0.3	PC	1	SA	
1-4	DA63-05144E	GROMMET-DOOR SWITCH	AW2-CD PJT,SILICON,CREAMY STS,HIGH	PC	1	SA	
1-5	DA63-05559A	COVER HINGE-UP L	SSEDA,ABS,2.5,i-BLACK(SC-00477R)	PC	1	SA	
	DA63-05559B	COVER HINGE-UP L	SSEDA,ABS,2.5,SNOW WHITE(SC-97527R)	PC	1	SA	
	DA63-05559C	COVER HINGE-UP L	SSEDA,ABS,2.5,CREAMY STS(SC-07009R)	PC	1	SA	
1-6	DA96-00567B	ASSY W/HARNESS-MOTOR SWITCH	SSEDA-PJT,100-240V	PC	1	SA	
1-7	DA99-01532A	ASSY LABEL-SWITCH AUGER	AW-PJT,-	PC	1	SNA	
2	DA97-08707C	ASSY COVER HINGE-UPP R	SSEDA,ABS,96.7,227,CREAMY STS(SC-07009R)	PC	1	SA	
2-1	DA02-10009A	TAPE ETC-COTTON	-, -, -, W25, L25M, -, -, -	M	0.05	SNA	
2-2	DA34-00043C	SWITCH REED-ASS'Y	200VDC, 1.5A, -	PC	1	SA	
2-3	DA63-05560A	COVER HINGE-UP R	SSEDA,ABS,2.5,i-BLACK(SC-00477R)	PC	1	SA	
	DA63-05560B	COVER HINGE-UP R	SSEDA,ABS,2.5,SNOW WHITE(SC-97527R)	PC	1	SA	
	DA63-05560C	COVER HINGE-UP R	SSEDA,ABS,2.5,CREAMY STS(SC-07009R)	PC	1	SA	
3	DA61-05572A	HINGE-UPP L	SSEDA,SHP1,T3.0,BLACK	PC	1	SA	
3-1	DA61-04264A	HINGE-SHAFT	GUGGENHEIM,SCP1,1.4,-,-,BLK,-,-	PC	1	SNA	
4	DA61-05573A	HINGE-UPP R	SSEDA,SHP1,T3.0,BLACK	PC	1	SA	
4-1	DA66-00349A	SHAFT-HINGE	USP-PJT,A-TOP,SCP1, 14.4,STRAIGHT,2nd,-	PC	1	SNA	
5	DA61-00440A	FIXER-CODE	A-TOP,SGCC1-A,T 0.5,-,-	PC	1	SNA	
6	DA97-08162A	ASSY HINGE LOW-L	SSEDA,SHP1,T4.5	PC	1	SA	
6-1	6003-001435	SCREW-TAPTYPE	HWH,+,-,S,M5,L12.7,ZPC(WHT),SWRCH18A,-	PC	1	SA	
6-2	6011-001442	BOLT-SOCKET	M8,L13.4,ZPC(BLK),SCM435,-	PC	1	SA	
6-3	6021-001125	NUT-HEXAGON	3,M8, P1.25,ZPC(BLK),SWRCH10A,-	PC	1	SNA	
6-4	DA61-05574A	HINGE-LOW L	SSEDA,SHP1,T4.5,BLACK	PC	1	SNA	
6-5	DA66-00716A	SHAFT-HINGE LOW L	SSEDA,SM45C,42.5,18.3,BLK	PC	1	SA	
6-6	DA66-00696A	CAM HINGE-RISER LOW L	SSEDA,NY-66,BLACK(G4078B),2110R	PC	1	SA	
7	DA97-08163A	ASSY HINGE LOW-R	SSEDA,SHP1,T4.5	PC	1	SA	
7-1	6003-001435	SCREW-TAPTYPE	HWH,+,-,S,M5,L12.7,ZPC(WHT),SWRCH18A,-	PC	1	SA	
7-2	6011-001442	BOLT-SOCKET	M8,L13.4,ZPC(BLK),SCM435,-	PC	1	SA	
7-3	6021-001125	NUT-HEXAGON	3,M8, P1.25,ZPC(BLK),SWRCH10A,-	PC	1	SNA	
7-4	DA61-05575A	HINGE-LOW R	SSEDA,SHP1,T4.5,BLACK	PC	1	SNA	
7-5	DA66-00717A	SHAFT-HINGE LOW R	SSEDA,SM45C,42,11.5,BLK	PC	1	SA	
7-6	DA66-00401A	CAM-RISER	SAPPHIRE-PJT,NY-66(2110R),BLACK	PC	1	SA	
8	DA61-05546A	BRACKET-HINGE LOW	SSEDA,AL,ALL	PC	2	SA	
8-1	DA61-04702A	CASTER-FRONT	AW-PJT,PP,-,35,NTR,35,PP+TPE	PC	2	SA	
8-2	DA61-01920A	CASTER-RIVET	ZPC2),MSWR10,OD8.0,L54,-,-,-	PC	2	SNA	
8-3	DA61-04721B	FOOT-FRONT	AW2-PJT,PP,26,-,-,NTR,DA61-00805D	PC	2	SA	
9	DA63-05232A	COVER-LEG FRONT	SSEDA,PP,Creamy-STs(SC-07009R),ALL,BJ730	PC	1	SA	
	DA63-05232B	COVER-LEG FRONT	SSEDA,PP,i-Black(SC-00477R),ALL,BJ730	PC	1	SA	
	DA63-05232C	COVER-LEG FRONT	SSEDA,PP,SNOW-WHITE(SC-97527R),ALL,BJ730	PC	1	SA	

5 . EXPLODED VIEW& PARTS LIST

■ Parts List of Cabinet

NO	CODE NO.	PART NAME	Specification	QUANTITY	Unit	SA/SNA	Remark
10	DA97-06969A	ASSY CHASSIS-COMP	AW-PJT,-,-,-,-,DA97-02064B	PC	1	SA	
10-1	DA61-04703A	CASTER-REAR	AW-PJT,PP,-,35,NTR,35,PP+TPE	PC	2	SNA	
10-2	DA61-04780A	BRACKET-COMP	AW-PJT,SGHC,T2.0,-,-,-,DA61-01867A	PC	4	SNA	
10-3	DA64-02735A	CHASSIS COMP	AW-PJT,SGHC,T1.4,-,-,-,DA64-01170A	PC	1	SA	
10-4	DA66-00649A	SHAFT-CASTER	AW-PJT,MSWR10,L46,OD8.2,-,-,ZPC2	PC	2	SA	
11	DA97-07825A	ASSY TRAY DRAIN WATER	AW-SEM(INVERTER)	PC	1	SA	
11-1	6002-000213	SCREW-TAPPING	TH,+,-,1,M4,L12,ZPC(WHT),SWRCH18A,-	PC	2	SA	
11-2	6009-001252	SCREW-SPECIAL	PH,+,-,M4.0,L20(12),ZPC(WHT),SWRCH18A,TAPP 1,-	PC	4	SNA	
11-3	DA02-10004K	TAPE ETC-PAPER	-,-,T0.15,W15,1RL,-,-,-	M	0.06	SNA	
11-4	DA62-00302C	SEAL-FOAM PE,DRAIN	-,-,FOAM-PE,-,T20,W40,L40,-	PC	1	SNA	
11-5	DA62-02127A	SEAL CUTT-FOAM PE	AW-SEM,FOAM-PE,-,T3,W10,L300,-	PC	2	SNA	
11-6	DA62-02243C	SEAL-SUB CONDENSER	AW1-TIM,FOAM-PE,BLACK,T3	PC	1	SNA	
11-7	DA63-05078A	TRAY DRAIN-WATER	AW-SEM(INVERTER),PP,NTR,DA63-04592A	PC	1	SA	
11-8	DA63-40128A	GROMMET-SUB COND	-,-,NBR,-,-,-,-,DARK-GRAY	PC	2	SA	
11-9	DA63-40171B	GROMMET-SUCT PIPE A	-,-,NBR,OD20,ID4,L20,-,-,Brown,-	PC	2	SNA	
11-10	DA97-06988A	ASSY PIPE-SPIRAL COND	AW-PJT,DA97-05093A	PC	1	SNA	
11-11	6002-000239	SCREW-TAPPING	TH,+,-,2S,M4,L8,ZPC(WHT),SWRCH18A,-	PC	6	SNA	
11-12	DA61-04768A	BRACKET CONDENSER-SIDE	AW-PJT,SCP1,T1.0,DA61-02353A	PC	2	SNA	
11-13	DA61-04770A	BRACKET CONDENSER-UPP	AW-PJT,SCP1,T1.0,-,-,-,DA61-02718A	PC	5	SNA	
11-14	DA61-04776A	BRACKET-CONDENSER LOW	AW-PJT,SCP1,T1.0,-,-,-,DA61-02719A	PC	1	SNA	
11-15	DA62-20008A	TUBE-SHRINKAGE	SR-L5786,PVC,T0.25,ID5.0,L1000,TRP,220V/60HZ	M	0.83	SNA	
11-16	DA67-30234A	CAP-TUBE	-,-,SILICON,-,-,-,-	PC	2	SA	
11-17	DA97-07824A	ASSY SUPPORT-CIRCUIT MOTOR	AW-SEM(INVERTER)	PC	1	SNA	
11-18	6002-000239	SCREW-TAPPING	TH,+,-,2S,M4,L8,ZPC(WHT),SWRCH18A,-	PC	2	SNA	
11-19	DA31-00146B	MOTOR BLDC	DRCP5030LA,1560,-,DC12V,230mA,-,-,2.7W,ATOP,-,-	PC	1	SNA	
11-20	DA61-04764A	BRACKET-CIRCUIT MOTOR	AW-PJT,ABS,-,-,-,NATURAL,DA61-02355A	PC	1	SNA	
11-21	DA61-05343A	SUPPORT-CIRCUIT MOTOR	AW-SEM(INVERTER),PP(BJ-730),NTR,DA61-02349A	PC	1	SNA	
11-22	DA62-02238A	SEAL-CIRCUIT MOTOR	AW2,FOAM-PE,T10	PC	1	SNA	
11-23	DA62-02242A	SEAL-SUPPORT MOTOR	AW2,FOAM-PE,T15	PC	1	SA	
11-24	DA63-01146A	GROMMET-MOTOR,REAR	A-TOP,NBR,-,-,-,ID6.5,OD42,BLK,BLDC	PC	2	SA	
11-25	DA63-40167A	GROMMET-COVER CHIL	SILICON,L16,WHITE	PC	1	SA	
11-26	DA96-00042P	ASSY-HARNESS MOTOR	AW2,C-FAN	PC	1	SA	
12	DA96-00504A	ASSY FAN-CIRCUIT	AW-PJT,DA31-00010D	PC	1	SNA	
12-1	DA31-00228A	FAN-TURBO	-,-,AW-PJT,ABS+GLASSFIBER,-,DA31-00015A,GR-	PC	1	SNA	
12-2	DA61-20128A	SPRING ETC-FAN	-,-,STS304,PI7.8,-,-,OD1.0,-,-,-,-,FD	PC	1	-	
13	BK190CL2C/S	COMPRESSOR	115V~60HZ,BLDC,FAN,BK-II	PC	1	-	
13-1	BK190CL2C/E0	COMPRESSOR	115V~60HZ,BLDC,FAN,BK-II	PC	1	SNA	
13-2	DA34-00004D	RELAY PROTECTOR O/L	4TM445PHBY-82,BK190CL2X,S/T_19.0A,	PC	1	SNA	
13-3	DA60-20008A	BOLT-HEX	S25C,M6,L42.6,WHITE,ZPC	PC	4	SNA	

5 . EXPLODED VIEW& PARTS LIST

■ Parts List of Cabinet

NO	CODE NO.	PART NAME	Specification	QUANTITY	Unit	SA/SNA	Remark
13-4	DA63-02617A	GROMMET COMP	USP05,EPDM,OD18.5,BLACK	PC	4	SNA	
13-5	DA63-04553A	COVER RELAY	N300X,T2.1,V-0,5VA,SSEC,BLACK,HOOK, E-PTC	PC	1	SA	
14	DA39-00154D	WIRE HARNESS-COMP	GUGGENHEIM,PVC_TUBE,-,5,-,-,YLP-06V,-,-,-	PC	1	SA	
15	DA97-02805D	ASSY PIPE CONNECT-SUCTION	GGH09	PC	1	SNA	
15-1	DA62-01018F	SEAL CUTT-RUBBER	A-TOP,RUBBER,-,T1.5,W45,L110,-	PC	1	SA	
16	DA63-40171B	GROMMET-SUCT PIPE A	-,NBR,OD20,ID4,L20,-,-,Brown,-	PC	1	SA	
17	DA63-40171D	GROMMET-SUCT PIPE B	RAIL L19.5,NR,-,OD20,ID6,-,-,Brown,-	PC	2	SA	
18	DA62-01514A	DRYER	REF-ALL,C1220T,OD18.70,L114,-,-,-	PC	1	SA	
19	DA61-04945A	CLIP-DRYER	AW-PJT,SBHG1,T0.4,-,DA61-02657A	PC	1	SA	
20	DA62-02043A	PIPE-CONNECT DISC A	AW-PJT,C1120T-0,-,4.76,-,T0.6,-,DA73-10190V	PC	1	SA	
21	DA62-02044A	PIPE-CONNECT DISC B	AW-PJT,C1120T-0,-,6.35,-,T0.6,-,DA73-10190U	PC	1	SA	
22	DA63-04598A	COVER-URETHANE	AW-PJT,N-ABS,-,-,-,-,BLACK,DA63-03809A	PC	1	SA	
23	DA61-04712A	FIXER-HOSE	AW,PP,-,-,DA61-03467A	PC	2	SA	
24	DA61-05346A	FIXER-HOSE	AW-SEM(TM),NY-66,NTR,3WAY WATER VALVE	PC	1	SA	
25	DA62-00160E	PIPE-WATER LINE OUT	SSEDA,PP,ID9.5,OD14.5,L320	PC	1	SA	
26	DA62-01626B	TUBE-FITTING-A	POM,CAP FITTING ADD	PC	1	SA	
27	DA62-01627B	TUBE-FITTING-B	POM,CAP FITTING ADD	PC	1	SA	
28	DA62-02219B	VALVE WATER-2WAY	AW2 GE,POM,1.0~8.0,BLUE,FLOW SENSOR	PC	1	SA	
29	DA71-20207A	FIXER-VALVE WATER A	SR-S7180,NY-6,OD7.8 X L9.5/ID3.5,NTR,-	PC	1	SNA	
30	DA71-20208A	FIXER-VALVE WATER B	SR-S7180,NY-6,OD6.1 X L10/ ID3.0,-,-	PC	1	SNA	
31	DA73-00211A	RUBBER-CAP HOSE	I4-PJT,SILICON,-,GRAY,-,-,-,-	PC	1	SA	
32	DA97-06970A	ASSY CAP-DRAIN	AW-PJT,-,-,-,-,DA97-04049A	PC	2	SNA	
32-1	DA61-04773A	FIXER-DRAIN	AW-PJT,HIPS,-,NATURAL,DA61-02443A	PC	1	SA	
32-2	DA62-01266A	TUBE-PVC	EPEL,SF-PVC,T0.7,OD19.4,L180,-,GASKET-SCRAP	PC	1	SA	
32-3	DA63-00951B	GROMMET-DRAIN,HOSE	W2-PJT,NBR,-,-,-,-,GRAY,-	PC	1	SA	
32-4	DA63-02761A	GROMMET-DRAIN	RS18RK,NBR,-,-,-,-,BLK,-	PC	1	SNA	
32-5	DA67-02128A	CAP-DRAIN	AW-PJT,HIPS,-,-,-,NATURAL,DA67-01301A	PC	1	SA	
33	DA39-20389E	WIRE HARNESS-EARTH	GREEN/YEL,UL 1015 AWG18	PC	1	SA	
34	DA97-07854B	ASSY COVER-NOISE FILTER	SSEDA,1EVAP	PC	1	SNA	
34-1	3903-000400	CBF-POWER CORD	AT,US,SPT-	PC	1	SA	
34-2	6002-000217	SCREW-TAPPING	TH,+,-,1,M4,L8,ZPC(WHT),SWRCH18A,-	PC	1	SNA	
34-3	DA27-00019D	COIL FILTER-EMI	GUGGENHEIM-PJT,20mH,40mΩ,33±1,82*60,-,-,-,-,25	PC	1	SNA	
34-4	DA63-05081A	COVER-NOISE FILTER	AW-SEM,N-ABS,BLACK,DA63-03410A	PC	1	SA	
35	DA97-08384A	ASSY COVER COMP	SSEDA,ALL	PC	1	SNA	
35-1	6501-001010	CABLE TIE	DACB-150,T2.0,W10,L157,NTR,POLYETHYLENE	PC	1	SNA	
35-2	DA02-10004K	TAPE ETC-PAPER	-,T0.15,W15,1RL,-,-	M	0.05	SNA	
35-3	DA62-00719P	SEAL-ABSORBER	TD-PJT,W-601,BLK,T12,W170,L170,-	PC	1	SNA	
35-4	DA62-02127B	SEAL CUTT-FOAM PE	AW-SEM,FOAM-PE,-,T5,W10,L810,-	PC	1	SNA	
35-5	DA62-02127G	SEAL CUTT-FOAM PE	AW-SEM,FOAM-PE,-,T3,W20,L810,-	PC	1	SNA	
35-6	DA63-05307A	COVER-COMP	SSEDA,GI-SGCC,T0.3	PC	1	SA	
36	DA97-07852A	ASSY COVER-PCB PANEL	AW-SEM(INVERTER)	PC	1	SNA	
36-1	DA62-02127A	SEAL CUTT-FOAM PE	AW-SEM,FOAM-PE,-,T3,W10,L300,-	PC	1	SNA	
36-2	DA62-02127C	SEAL CUTT-FOAM PE	AW-SEM,FOAM-PE,-,T3,W10,L1190,-	PC	1	SNA	

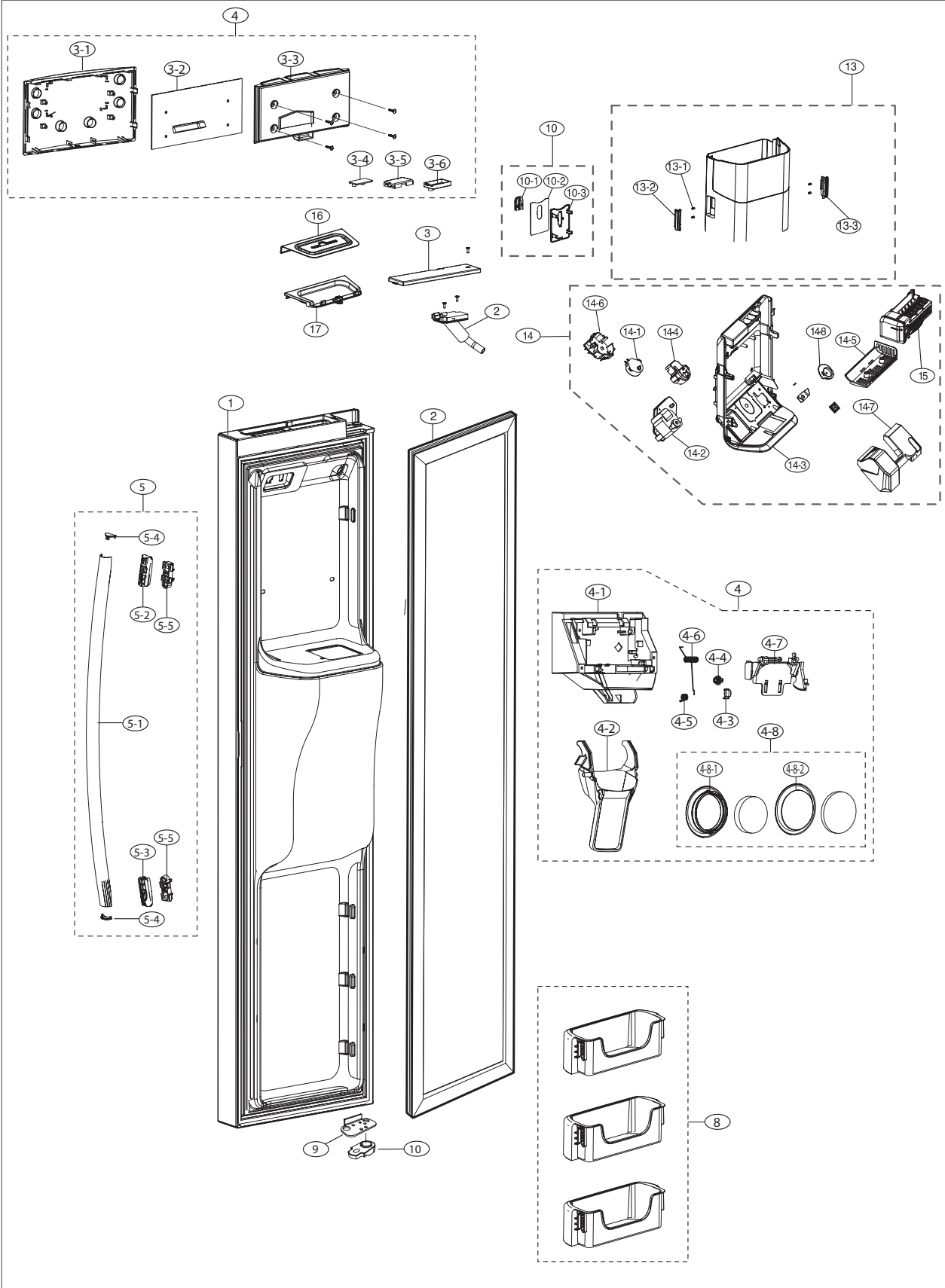
5 . EXPLODED VIEW& PARTS LIST

■ Parts List of Cabinet

NO	CODE NO.	PART NAME	Specification	QUANTITY	Unit	SA/SNA	Remark
36-3	DA63-05100A	COVER-PCB PANEL	AW-SEM(INVERTER),SBHG1,T0.6	PC	1	SA	
37	DA41-00670A	PBA MAIN	SSEDA-PJT,REAR OF REF,FR-1,247*197,	PC	1	SA	
38	DA41-00404L	PBA SUB-PBA INVERTER	SSEDA-PJT,BACK,FR-4,1.6T*148*98.5,110/ 120V,50	PC	1		

5 . EXPLODED VIEW & PARTS LIST

5-4) Freezer Door



5 . EXPLODED VIEW& PARTS LIST

Parts List of Freeze Door

NO	CODE NO.	PART NAME	Specification	QUANTITY	Unit	SA/SNA	Remark
1	DA91-03031A	ASSY DOOR FOAM FRE	RS267TDRS/XAA,REAL STAINLESS	PC	1	SA	
	DA91-03031B	ASSY DOOR FOAM FRE	RS267TDBP/XAA,EMPIRE BLACK	PC	1	SA	
	DA91-03031C	ASSY DOOR FOAM FRE	RS267TDPN/XAA,PLATINUM INOX	PC	1	SA	
	DA91-03031D	ASSY DOOR FOAM FRE	RS267TDWP/XAA,SNOW WHITE	PC	1	SA	
2	DA97-08239A	ASSY-GASKET DOOR FRE	SSEDA	PC	1	SA	
	DA97-08239B	ASSY-GASKET DOOR FRE	SSEDA,GRAY	PC	1	SA	
3	DA97-08703A	ASSY COVER-DISPENSER	SSEDA,BLACK,BEST	PC	1	SA	
3-1	6002-000466	SCREW-TAPPING	PH,+,-,2S,M3.0,L8,ZPC(WHT),MSWR10,-	PC	6	SN	
3-2	DA41-00217A	PBA-LAMP ASSY	AD,DOOR FRE,FR-1,31*17,DISPENSER LAMP,12V,60HZ	PC	1	SN	
3-3	DA41-00682A	PBA PANEL	SSEDA-PJT,PBA PANEL,FR-4,160*84.5*1.6T,TWIN COOLING,2-	PC	1	SA	
3-4	DA61-05687A	CASE LAMP-LED	SSEDA,GPPS,T1.0,NTR,HIT / VALUE(HF-2660SH)	PC	1	SN	
3-5	DA62-02436B	SEAL CUTT-FORM LEX	SSEDA,FOAM-LEX,T3,W30,L40,ADHESIVE/VALUE	PC	1	SN	
3-6	DA63-02446A	COVER-LAMP-LED	EPEL,ABS,-,W39.6,L22.6,-,-,WHT,-	PC	1	SN	
3-7	DA63-05328A	GROMMET-BUTTON CONTROL	SSEDA,SILICON,BLACK	PC	1	SA	
3-8	DA63-05332A	COVER-PBA REAR	SSEDA,HIPS,COOL WHITE(SC-02740R)	PC	1	SA	
3-9	DA63-05346A	COVER DISPENSER	SSEDA,ABS,NTR,BLACK	PC	1	SA	
	DA63-05346B	COVER DISPENSER	SSEDA,ABS,NTR,WHITE	PC	1	SA	
	DA63-05346C	COVER DISPENSER	SSEDA,ABS,NTR,VersaillesSilver	PC	1	SA	
3-10	DA64-03178C	DECO COVER-DISPENSER	SSEDA,ABS,T2.0,CREAMY STS(SC-07009R),VERSAILLES SILVER(DAC-GR912S)	PC	1	SA	
3-11	DA64-03179A	BUTTON-CONTROL	SSEDA,ALDC12,HAIR LINE	PC	1	SA	
3-12	DA68-01636B	LABEL-COOLING OFF	AW-PJT,CLEAR SHEET,10,42,BLACK	PC	1	SN	
4	DA97-08119C	ASSY CASE-LEVER DISPENSER	SSEDA,CREAMY STS(SC-07009R),HIT/VALUE	PC	1	SA	
4-1	6002-000630	SCREW-TAPPING	PH,+,-,2S,M3,L8,ZPC(WHT),SWRCH18A,-	PC	1	SN	
4-2	DA34-00011A	SWITCH-MICRO	VP533A-OF-5,MICRO,250V,15A,PBT,GP1006F,-,1,-	PC	1	SN	
4-3	DA34-00011B	SWITCH MICRO	-,-,-,250V,-,15A,-,-,-,Max 200g,-,Max15mΩ,-,-,-	PC	1	SN	
4-4	DA61-01651A	SPRING ETC-COVER ICE ROUTE	AD,STS304,1.0,6.6,-,-,-,-,-,-,-	PC	1	SN	
4-5	DA61-01868A	BRACKET-OIL DAMPER	AD,ABS,-,-,-,SC-93437R,-	PC	1	SN	
4-6	DA61-01869A	OIL DAMPER	AD,POM,-,120g/Cm,-,OD15,-,-	PC	1	SN	
4-7	DA61-05585A	SPRING ETC-LEVER DISPENSER	SSEDA,STS304,7.8.1,10.1,1.0,HIT/VALUE	PC	1	SN	
4-8	DA61-05586C	CASE-LEVER DISPENSER	SSEDA,ABS,T2.5,CREAMY STS(SC-07009R),HIT/VALUE	PC	1	SN	
4-9	DA63-05244A	COVER-ICE ROUTE	SSEDA,ABS,T2.5,I-BLACK(SC-00477R),HIT/VALUE,HG-0760H	PC	1	SN	
4-10	DA66-00697A	LEVER-DISPENSER	SSEDA,ABS,T3.5,NTR,HIT/VALUE,UT-0510I	PC	1	SN	
4-11	DA96-00611A	ASSY W/HARNESS-DISP	SSEDA-PJT,DC 5V	PC	1	SN	
4-12	DA97-08117A	ASSY COVER-ICE ROUTE	SSEDA,HIT/VALUE	PC	1	SN	
4-13	DA63-02305A	GASKET-CVOER ICE ROUTE	TBI-PJT,SILICON,-,-,-,BLK,-,-	PC	1	SN	
4-14	DA63-03238A	COVER-ICE ROUTE B	QUEEN,ABS,-,-,-,-,WHT,-	PC	1	SN	
4-15	DA72-00260H	SEAL-COVER ICE,ROUTE	QUEEN,FOAM-PE,WHITE,T7,D68,-,-	PC	1	SN	
4-16	DA72-00260J	SEAL-COVER ICE,ROUTE	QUEEN,FOAM-PE,-,T13,-,-,OD64	PC	1	SN	
5	DA97-08278A	ASSY HANDLE BAR	SSEDA,AL(6063),L880.3,HIT/VALUE	PC	2	SA	
5-1	6002-000215	SCREW-TAPPING	TH,+,-,NO,1,M4,L16,ZPC(WHT),SWRCH18A	PC	2	SA	
5-2	DA01-00558A	FILM-HANDLE	SSEDA-PJT,HDPE,T0.2,29,27,ADHESIVE, CUTTING	PC	1	SN	
5-3	DA61-05593A	SUPPORT-HANDLE LOW	SSEDA,POM,T2.5,NTR,HIT/VALUE	PC	1	SN	
5-4	DA61-05594A	SUPPORT-HANDLE UPP	SSEDA,POM,T2.5,NTR,HIT/VALUE	PC	1	SN	
5-5	DA64-03098A	HANDLE BAR	SSEDA,AL,T1.3,I-BLACK,AL(A6063)/SPRAY	PC	1	SN	

5. EXPLODED VIEW& PARTS LIST

Parts List of Freeze Door

NO	CODE NO.	PART NAME	Specification	QUANTITY	Unit	SA/SNA	Remark
5-5	DA64-03098B	HANDLE BAR	SSEDA,AL,T1.3,SNOW WHITE,AL(A6063)	PC	1	SN	
	DA64-03098C	HANDLE BAR	SSEDA,AL,T1.3,Versailles SILVER,AL(A6063)	PC	1	SN	
5-6	0102-001604	ALUMINUM-INGOT	AL6063	G	##	SN	
5-7	DA67-02431A	CAP-HANDLE	SSEDA,ABS,T1.5,I-BLACK (SC-00477R),HG-0760H	PC	2	SN	
	DA67-02431B	CAP-HANDLE	SSEDA,ABS,SNOW WHITE(SC-97527T)	PC	2	SN	
	DA67-02431C	CAP-HANDLE	SSEDA,ABS,CREAMY STS(SC-07009R),Versailles SILVER SPRAY	PC	2	SN	
6	DA97-08349A	ASSY GUARD TILT-FRE	SSEDA	PC	3	SN	
6-1	DA61-05769A	SUPPORT-GUARD TILT FRE	SSEDA,HIPS,COOL WHITE(SC-02740R)	PC	1	SN	
6-2	DA63-05336A	GUARD-TILT FRE	SSEDA,HIPS,COOL WHITE(SC-02740R)	PC	1	SN	
6-3	DA63-05337A	COVER-GUARD TILT FRE	SSEDA,GPPS,NTR	PC	1	SN	
7	DA61-05576A	STOPPER-DOOR L	SSEDA,SHP1,T3.0,BLACK	PC	1	SA	
8	DA66-00695A	CAM HINGE-RISER UPP L	SSEDA,NY-66,BLACK(G4078B),2110R	PC	1	SA	
9	DA61-05591A	FIXER-HANDLE	SSEDA,POM,T2.0,NTR,HIT/VALUE	PC	2	SA	
10	DA97-06569D	ASSY TRAY-ICE BUCKET	GGH,COOL WHITE(SC-02740R),IN DOOR ICE MAKER	PC	1	SA	
10-1	6002-000473	SCREW-TAPPING	TH,+,NO,1,M4,L14,PASS,STS304	PC	6	SN	
10-2	6021-001210	NUT-HEXAGON FLANGE	M9,PASS,STS304,-	PC	1	SN	
10-3	6031-002007	WASHER-PLAIN	STS304,ID20,OD28,T0.5,BARREL	PC	1	SA	
10-4	DA31-20121B	BLADE-STATIONARY DISP OUT	A-TOP,STS304,T2.0,-,-,-,-	PC	1	SN	
10-5	DA31-20122B	BLADE-STATIONARY DISP IN	A-TOP,STS304,T2.0,-,-,-,-	PC	1	SN	
10-6	DA60-00202A	FASTENER-NUT HEX	POM,-,-,-,-,NTR,-,-	PC	1	SN	
10-7	DA60-00231A	FASTENER-RING	AW-PJT,STS304,29,T1.5,STS304H	PC	1	SN	
10-8	DA60-90136A	PIN-SPIRAL	STS304,OD5.2,L40,SR-S7180,-,-	PC	1	SN	
10-9	DA61-02738A	MAGNET-ASS'Y	CORE-PJT,Strontium ferrite,T5,W7,L18,-	PC	1	SA	
10-10	DA61-04364A	GUIDE-CRUSHER BUCKET	GUGGENHEIM,POM,117,293,146.5,COOL WHITE(SC02740R)	PC	1	SN	
10-11	DA61-04366B	FIXER-LEVER CUBE	GGH,STAINLESS-STS304,T0.8	PC	1	SN	
10-12	DA61-04375A	SPRING ETC-LEVER CUBE	GUGGENHEIM,STS304,D1.2,5.5,7.9,36,5	PC	1	SN	
10-13	DA61-04378A	SPRING ETC-BUCKET LEVER	GUGGENHEIM,STS304,D0.7,4,5.4,10,6	PC	4	SN	
10-14	DA61-04460A	FIXER-GROMMET HELIX B	GUGGENHEIM,STS304,T1.0,W15.7,L12.6	PC	1	SN	
10-15	DA61-04663A	FIXER-WASHER	GGH,STS304,T2.5,-,-	PC	1	SA	
10-16	DA61-05679A	PLATE-ICE BUCKET	GUGGENHEIM,STAINLESS-STS304,T0.6	PC	1	SN	
10-17	DA63-04350A	GROMMET-HELIX B	GUGGENHEIM,POM,T22, 24.7,WHITE	PC	1	SN	
10-18	DA63-04351A	GROMMET-HELIX A	GUGGENHEIM,POM,T12.4, 30.2,WHITE	PC	1	SN	
10-19	DA63-04354A	COVER-CRUSHER BUCKET	GUGGENHEIM,ABS,137.9,290.2,L153,-,-,COOL WHITE(SC02740R),-	PC	1	SA	
10-20	DA63-04359A	TRAY ICE-BUCKET FRONT	GUGGENHEIM,ABS,-,300,128,-,COOL WHITE(SC02740R),-	PC	1	SN	
10-21	DA63-04360A	TRAY ICE-BUCKET REAR	GUGGENHEIM,ABS,-,291.3,168.7,-,COOL WHITE(SC02740R)	PC	1	SN	
10-22	DA64-02587A	WINDOW-BUCKET	GUGGENHEIM,PC,-,288.8,117,-,-,-	PC	1	SA	
10-23	DA65-00051A	CLAMPER CORE-HELIX	GUGGENHEIM,STS304,-,-,-,-	PC	1	SN	
10-24	DA65-00052A	CLAMPER CORE-BLADE	GUGGENHEIM,STS304,-,-,-,-	PC	1	SN	
10-25	DA66-00369C	BLADE-MOVING A	GUGGENHEIM,STS304,T2.0	PC	1	SN	
10-26	DA66-00370C	BLADE-MOVING B	GUGGENHEIM,STS304,T2.0	PC	1	SN	
10-27	DA66-00373C	BLADE-MOVING C	GUGGENHEIM,STS304,T2.0	PC	1	SN	
10-28	DA66-00587A	LEVER-BUCKET L	GUGGENHEIM,ABS,29.8,76.7,19.4,-,COOL WHITE(SC02740R)	PC	1	SA	

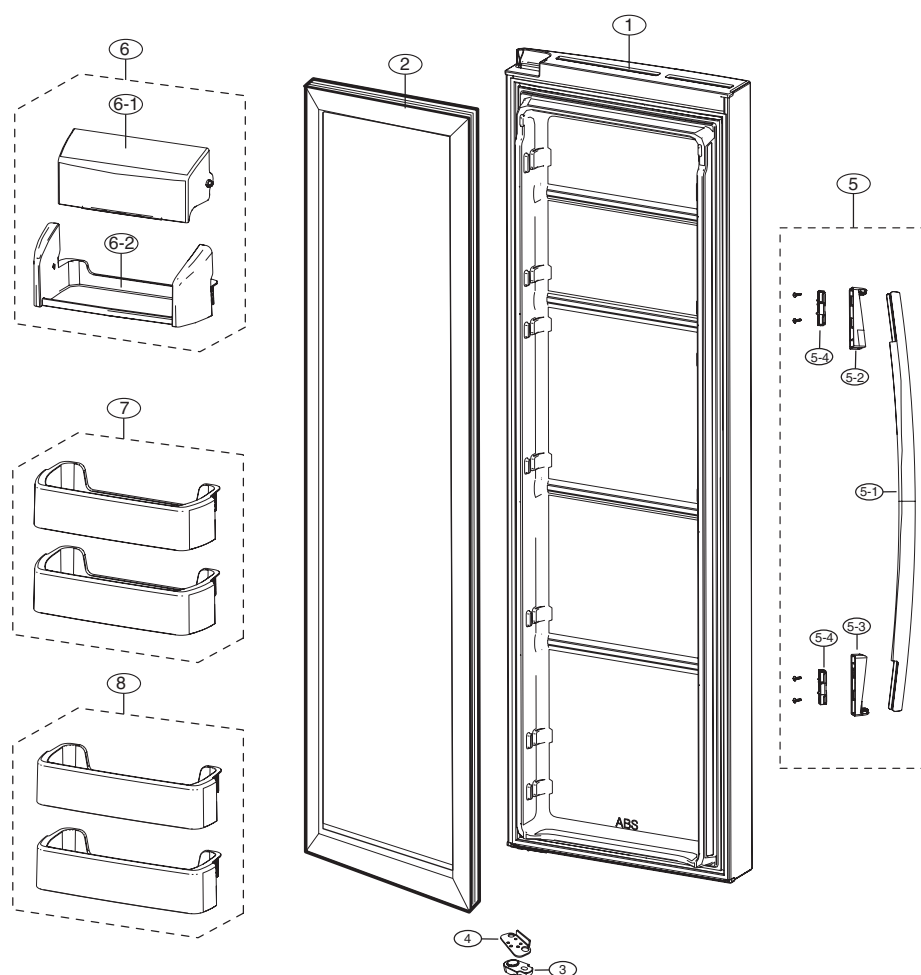
5 . EXPLODED VIEW& PARTS LIST

■ Parts List of Freeze Door

NO	CODE NO.	PART NAME	Specification	QUANTITY	Unit	SA/SNA	Remark
10-29	DA66-00588A	LEVER-BUCKET R	GUGGENHEIM,ABS,29.8,76.7,19.4,-,COOL WHITE(SC02740R),-	PC	1	SA	
10-30	DA66-00597A	LEVER-CUBE	GUGGENHEIM,MSWR10,OD 4.5,70.8,L31.5	PC	1	SN	
10-31	DA71-20231A	FIXER-GUARD	SR-S7180,POM,-,DELIN500LC	PC	1	SN	
10-32	DA72-60313A	SEAL-POM	SR-S7183,POM,W9236E DELRIN500LC	PC	2	SN	
10-33	DA72-60314A	SEAL-POM	SR-S7184,POM,W9236E DELRIN500LC	PC	3	SN	
10-34	DK69-00048B	WRAP VINYL-PROTECT	SKRC1580,PE,T0.05,W470,-,COVER FR	M	0	SN	
11	DA97-06570F	ASSY CASE AUGER MOTOR	GUGGENHEIM,ASSY,120V	PC	1	SA	
11-1	0203-001511	TAPE-FILAMENT	3M #893,T0.13,W25,L110M,WHT	M	1	SN	
11-2	6001-000039	SCREW-MACHINE	TH,+,-,M4,L8,PASS,STS304,-,-	PC	2	SN	
11-3	6002-000217	SCREW-TAPPING	TH,+,-,1,M4,L8,ZPC(WHT),SWRCH18A,-	PC	2	SA	
11-4	6002-000471	SCREW-TAPPING	TH,+,-,1,M4,L12,PASS,STS304,-	PC	12	SN	
11-5	DA02-10014B	TAPE ETC-AL	ALL MODEL,-,-,T0.03,W50,ROLL,-,-	M	0	SN	
11-6	DA31-00079B	MOTOR GEARED-DISP	18,60,-,120V,40,-,-,-,GEARED MOTOR	PC	1	SN	
11-7	DA31-00210D	MOTOR GEARED-AUGER	ISG-3245SSA,1/201.5,120,17.5,2.2,45T,80kgf.cm	PC	1	SA	
11-8	DA34-00043C	SWITCH REED-ASS'Y	200VDC,1.5A,-	PC	1	SA	
11-9	DA61-04363A	CASE-AUGER MOTOR	GUGGENHEIM,ABS,171.8,415.9,291.0,COOL WHITE(SC02740R),SR-0340M	PC	1	SA	
11-10	DA61-04371A	PLATE-DRIVE AUGER	GUGGENHEIM,STS304,T2.5,59,22,-,-	PC	1	SN	
11-11	DA61-04535A	PLATE-INS COVER SAFETY HOUSING	GUGGENHEIM,HOMO PP,T0.35,-,-,WHITE,CUTTING	PC	1	SN	
11-12	DA62-01132H	SEAL CUTT	FOAM LEX,-,T3,W20,L1000,-	M	0	SN	
11-13	DA62-01133A	SEAL CUTT	FOAM LEX,-,T5,W25,L1000,-	M	0	SN	
11-14	DA62-01939A	SEAL-CASE AUGER MOTOR	GUGGENHEIM(EXP),SPONGE,-,T10,W127,L121,-	PC	1	SN	
11-15	DA62-01940A	SEAL-CASE AUGER MOTOR SUB	GUGGENHEIM(EXP),FOAM-PE,-,T20,W33,L22,-	PC	1	SN	
11-16	DA62-02351C	SEAL CUTT-OJC	GGH,OJC-3000,T5,W5	M	0	SN	
11-17	DA63-01412A	COVER-MOTOR GEARED	QUEEN,ABS,-,-,-,-,NTR,-	PC	1	SA	
11-18	DA63-04355A	COVER-HEATER ICE MAKER	GUGGENHEIM,ABS,47.7,182.5,82.3,-,-,COOL WHT,SR-0340M	PC	1	SA	
11-19	DA63-04356A	COVER-MOTOR GEARED FRONT	GUGGENHEIM,PP,H16,91.5,84,-,-,-,-	PC	1	SA	
11-20	DA63-04362A	COVER-MOTOR AUGER SUB	GUGGENHEIM,N-ABS,-,244.3,115.5,-,-,COOL WHITE(SC02740R),-	PC	1	SA	
11-21	DA63-04363A	COVER-SAFETY HOUSING	GUGGENHEIM,GAVA,T0.2,69,55,-,-,-,-	PC	1	SN	
11-22	DA63-05515A	COVER-MOTOR AUGER COIL	GGH,ABS,NTR	PC	1	SA	
11-23	DA66-00589A	CAM-LEVER CUBE	GUGGENHEIM,POM,T17.9, 55,WHITE	PC	1	SA	
11-24	DA33-10011A	MAGNET	SSM-390,T2,W5,L7,-	PC	1	SN	
11-25	DA68-00679F	LABEL-COLOR	ARTG+OPP,-,-, 20,-,-,-,-,110-127V	PC	1	SN	
11-26	DA71-00163B	FIXER-NUT	GUGGENHEIM,STS420,-,-,SK5	PC	1	SN	
11-27	DA96-00036P	ASSY-WIRE HARNESS SUB	GUGGENHIEM-PJT,100~240V	PC	1	SN	
11-28	DA97-00151B	ASSY-REED SWITCH	QUEEN,REED S/W,10W/200VDC/0.5A,-	PC	1	SA	
11-29	DA97-07549B	ASSY ICE MAKER	GUGGENHEIM,115V,60Hz	PC	1	SA	
12	DA97-06568A	ASSY COVER-ICE MAKER	GUGGENHEIM(EXP),COOL WHITE(SC-02740R),IN DOOR ICE	PC	1	SA	
12-1	DA63-04352A	COVER-ICE MAKER	GUGGENHEIM,ABS,144.0,300,136.0,-,-,COOL WHITE(SC02740R),	PC	1	SN	
12-2	DA63-04353A	COVER-ICE MAKER SUB	GUGGENHEIM,PC,78.7,293.8,L124.6	PC	1	SN	

5 . EXPLODED VIEW& PARTS LIST

5-5) Refrigerator Door



5 . EXPLODED VIEW& PARTS LIST

■ Parts List of Refrigerator Door

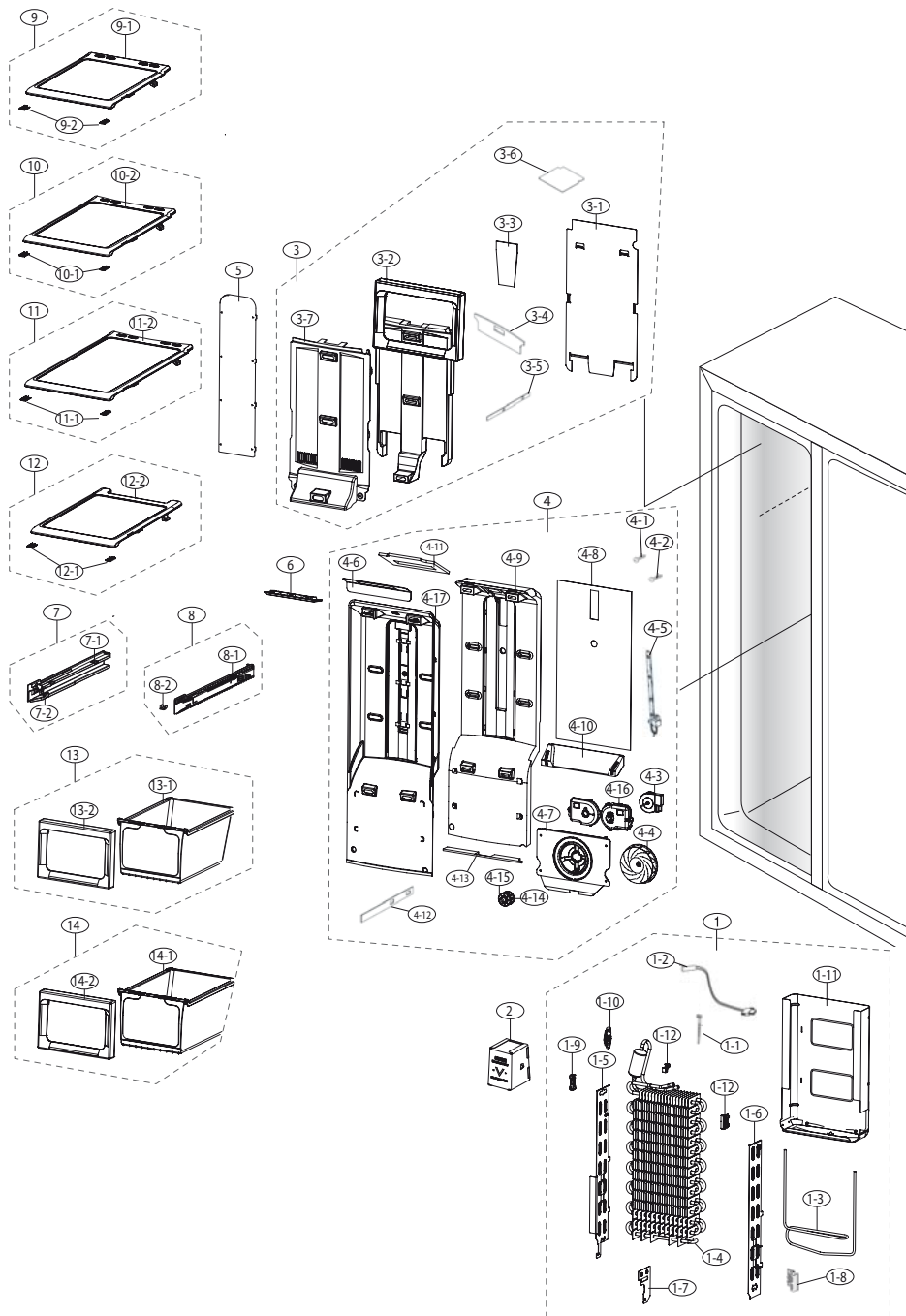
NO	CODE NO.	PART NAME	Specification	QUANTITY	Unit	SA/SNA	Remark
1	DA91-02963A	ASSY DOOR FOAM REF	SSEDA,BP	PC	1	SA	
	DA91-02963B	ASSY DOOR FOAM REF	SSEDA,WP	PC	1	SA	
	DA91-02963C	ASSY DOOR FOAM REF	SSEDA,PN	PC	1	SA	
	DA91-02963D	ASSY DOOR FOAM REF	SSEDA,RS	PC	1	SA	
2	DA97-08240A	ASSY-GASKET DOOR	SSEDA	PC	1	SA	
	DA97-08240B	ASSY-GASKET DOOR	SSEDA,GRAY	PC	1	SA	
3	DA97-08278A	ASSY HANDLE BAR	SSEDA,AL(6063),L880.3,HIT/VALUE	PC	2	SA	
3-1	6002-000215	SCREW-TAPPING	TH,+,NO,1,M4,L16,ZPC(WHT),SWRCH18A	PC	2	SA	
3-2	DA01-00558A	FILM-HANDLE	SSEDA-PJT,HDPE,T0.2,29,27,ADHESIVE, CUTTING	PC	1	SNA	
3-3	DA61-05593A	SUPPORT-HANDLE LOW	SSEDA,POM,T2.5,NTR,HIT/VALUE	PC	1	SNA	
3-4	DA61-05594A	SUPPORT-HANDLE UPP	SSEDA,POM,T2.5,NTR,HIT/VALUE	PC	1	SNA	
3-5	DA64-03098A	HANDLE BAR	SSEDA,AL,T1.3,I-BLACK,AL(A6063)/SPRAY	PC	1	SNA	
	DA64-03098B	HANDLE BAR	SSEDA,AL,T1.3,SNOW WHITE,AL(A6063)	PC	1	SNA	
	DA64-03098C	HANDLE BAR	SSEDA,AL,T1.3,Versailles SILVER,AL(A6063)	PC	1	SNA	
3-6	0102-001604	ALUMINUM-INGOT	AL6063	G	393	SNA	
3-7	DA67-02431A	CAP-HANDLE	SSEDA,ABS,T1.5,I-BLACK (SC-00477R),HG-0760H	PC	2	SNA	
	DA67-02431B	CAP-HANDLE	SSEDA,ABS,SNOW WHITE(SC-97527T)	PC	2	SNA	
	DA67-02431C	CAP-HANDLE	SSEDA,ABS,CREAMY STS(SC-07009R),Versailles	PC	2	SNA	
4	DA61-05577A	STOPPER-DOOR R	SSEDA,SHP1,T3.0,BLACK	PC	1	SA	
5	DA66-00344A	CAM-HINGE RISER LOW	USP05(ATOP,ET),NY-66(2110R),BLACK,-,-,-,-,-	PC	1	SNA	
6	DA61-05591A	FIXER-HANDLE	SSEDA,POM,T2.0,NTR,HIT/VALUE	PC	2	SA	
7	DA97-08060A	ASSY GUARD-DAIRY	SSEDA	PC	1	SA	
7-1	0203-001879	TAPE-POLY	4298,T0.116,W38,L50M,BLUE,-	M	0.2	SNA	
7-2	DA02-10011C	TAPE ETC-PE	-,-,T0.05,W100,1RL,-,-,-	M	0.7	SNA	
7-3	DA63-05214A	GUARD-DAIRY	SSEDA,HIPS,T2.2,COOL WHITE(SC-02740R)	PC	1	SNA	
7-4	DA63-05225A	COVER-GUARD DAIRY	SSEDA,GPPS,T2.5,NTR,HIT/VALUE,HF-2660S	PC	1	SNA	
8	DA97-08348A	ASSY GUARD REF-UP	SSEDA	PC	2	SNA	
8-1	DA63-05215A	GUARD REF-UP	SSEDA,HIPS,T2.2,COOL WHITE(SC-02740R),HG-1760SF	PC	1	SA	
8-2	DA63-05338A	COVER-GUARD REF UP	SSEDA,GPPS,NTR	PC	1	SNA	
9	DA97-08347A	ASSY GUARD REF-LOW	SSEDA	PC	2	SNA	
9-1	DA63-05217A	GUARD REF-LOW	SSEDA,HIPS,T2.2,COOL WHITE(SC-02740R)	PC	1	SA	
9-2	DA63-05340A	COVER-GUARD REF	SSEDA,GPPS,NTR	PC	1	SNA	

5 . EXPLODED VIEW & PARTS LIST

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5. EXPLODED VIEW & PARTS LIST

5-1) Freezer



5. EXPLODED VIEW & PARTS LIST

■ Parts List of Freezer

NO	CO DE NO.	PART NAME	Specification	QUANTITY	Unit	SA/SNA	Remark
1	DA96-00679 A	ASS Y EVAP FR E	SS EDA,125V,218W, BE ST/ GOO D	PC		SA	
1-1	6501-000122	CABLE TIE	DACT-100,-,W2.5, L101.6, NTR, NYLON 66	PC		SNA	
1-2	DA47-00301D	THERMO FUSE-ASSY	ARAM,120V/250V,15 A/10A,109~110° C,150mm	PC		SA	
1-3	DA47-00324A	HEATERS HEATH-METAL FRE	SS EDA-PJT, INCLOY 840,220W,120V,65.5 ohm	PC		SA	
1-4	DA59-00402A	EVAP-FRE	SS EDA,AL	PC		SA	
1-5	DA61-05764A	PLATE-EVAP FRE L	SS EDA,A1050,T0.8,P- H14	PC		SNA	
1-6	DA61-05765A	PLATE-EVAP FRE R	SS EDA,A1050,T0.8,P- H14	PC		SNA	
1-7	DA61-06102A	PLATE-EVAP FRE SUB	SS EDA,A1050,T0.8	PC		SNA	
1-8	DA61-05160A	FIXER-FUSE	CULLI _09,PP, BJ-730, NTR,-	PC		SA	
1-9	DA61-05475A	FIXER- EVAP FRE	CULLI _09,PP, BJ-730, NTR	PC		SA	
1-10	DA61-05587A	FIXER-S ENS OR	SS EDA,PP,T2.0, NTR, HIT/VALUE ,BJ-730	PC		SA	
1-11	DA61-05700B	PLATE-DR AIN FRE	SS EDA,GL -S AZCC ,T0.3, BE ST/ BE TTER	PC		SNA	
1-12	DA61-06013 A	FIXER-WIRE	AW3-PJT,PP, NTR	PC		SA	
2	DA63-04108A	COVER-FIXER HOUSING	08 CULLINAN ,S AZCC ,T0.4	PC	2	SA	
3	DA97-08689A	ASSY COVER EVAP-FRE	SSEDA, BE ST/ GOO D	PC	1	SA	
3-1	DA61-05768A	PLATE-EVAP HEATER FRE	SSEDA,GL -S AZCC ,T0.3	PC	1	SNA	
3-2	DA62-02422A	INSULATION-EVAP FR E	SSEDA,F OAM-PS,WHITE	PC	1	SNA	
3-3	DA62-02447A	SEAL-COVER EVAP FRE	SSEDA,FOAM-PE+AL,T2,ADHESIVE ONE SIDE	3-5	3-5	3-5	
3-4	DA62-02449A	SEAL-INSULATION EVAP	SSEDA,OJC-3000,WHITE,T5	3-5	3-5	3-5	
3-5	DA62-02451A	SEAL-INS EVAP SIDE	SSEDA,OJC-3000,WHITE,T3,one-side adhesive	3-5	3-5	3-5	
3-6	DA62-02636A	SEAL-PLATE EVAP HEATER FRE	SSEDA,FOAM PE+AL,T2,240,260,ADHESIVE ONE SIDE	3-5	3-5	3-5	
3-7	DA63-05333 A	COVER EVAP-FRE	SS EDA,PP, NTR, COOL WHITE (SC-02740R)	PC	1	SNA	
4	DA97-08690 A	ASS Y COVER MULTI-FRE	SS EDA,BEST	PC		SA	
4-1	6002-001079	SCREW-TAPPING	TH,+,-,2S, M4,L10,P ASS,STS304,-	PC		SNA	
4-2	6002-001204	SCREW-TAPPING	TH,+,-,1, M4,L16,P ASS,STS430,-	PC		SNA	
4-3	DA31-00146E	MOTOR FAN-BL DC	DRE P5020 LB ,BL DC Motor,0.268,-,3.21,-,2520,-,D C 12V,-,29d B,-	PC		SA	
4-4	DA31-00242A	FAN-TURBO	SS EDA,ABS, ALL MODEL ,HF-0660 I,COOL WHITE,34.93g	PC		SNA	
4-5	DA41-00519H	PBA-LED LAMP	Cullinan/Haemil-PJT,F-R OOM ,FR-4,335*20*1.6t,3chip 12 EA,12V,D C,N,-,-,-	PC		SA	
4-6	DA61-05763A	PLATE-MULTI FRE	SSEDA,PP,NTR	PC		SNA	
4-7	DA61-05777A	SUPPORT-MOTOR REF	SSEDA,ABS,NTR	PC		SNA	
4-8	DA61-06103A	PLATE-MULTI FRE REAR	SSEDA,HOMO-PP,T0.35,WHITE	PC		SNA	
4-9	DA62-02420A	INSULATION-MULTI FRE	SSEDA,FOAM-PS,WHITE	PC		SNA	
4-10	DA62-02421A	INSULATION-MULTI FRE SUB	SSEDA,FOAM-PS,WHITE	PC		SNA	
4-11	DA62-02450A	SEAL-DUCT FRE	SSEDA,OJC-3000,WHITE,T7,one-side adhesive	PC		SNA	
4-12	DA62-02452A	SEAL-INS MULTI	SSEDA,OJC-3000,WHITE,T3,one-side adhesive	PC		SNA	
4-13	DA62-02638A	SEAL-INS MULTI LOW	SSEDA,OJC-3000,WHITE,T5,ADHESIVE ONE SIDE	PC		SNA	

: ASS Y PART

5. EXPLODED VIEW & PARTS LIST

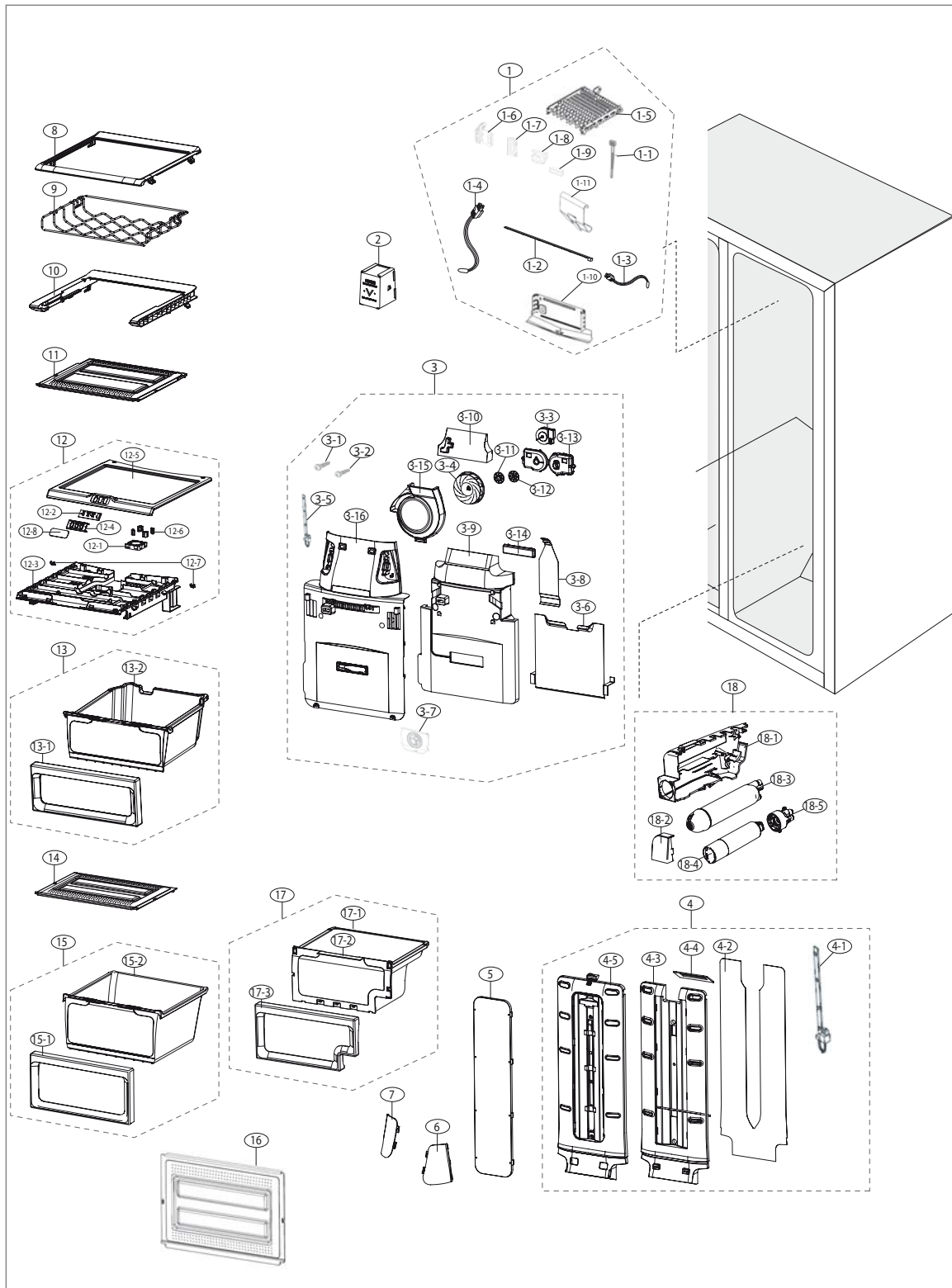
Parts List of Freezer

NO	CO DE NO.	PART NAME	Specification	QUANTITY	Unit	SA/SNA	Remark
4-14	DA63-01146A	GROMETMOTOR, REAR	A-TOP,NBR,-,-,-,ID6.5,OD42,BLK,C BLDC	PC		SA	
4-15	DA63-01808A	GROMETMOTOR, FRONT	BLDC,NBR,BLACK,-,-,-,-,H20	PC		SA	
4-16	DA63-04651A	COVER MOTOR-BLDC	AW-PJT,PP,-,-,-,-,NATURAL,DA63-01809A	PC		SNA	
4-17	DA63-05334A	COVER-MULTI FRE	SSEDA,PP,COL WHITE(SC-02740R),MASTERBATCH	PC		SNA	
5	DA63-05335A	COVER- LAMP FRE	SS EDA,PP, NTR	PC	1	SNA	
6	DA67-02480A	CAP-ICE DUCT FRE	SS EDA,ABS, COOL WHITE(SC-02740R)	PC	1	SNA	
7	DA97-08121A	ASSY RAIL - BASKET L	SS EDA,ALL	PC		SA	
7-1	DA61-05553A	RAIL -BASKET L	SS EDA,ABS, COOL WHITE(SC-02740R), ALL, HF-06601	PC		SNA	
7-2	DA63-05237A	GROMME T-RAIL	SS EDA,NY-66, COOL WHITE(SC-02740R), ALL, ZYTEL 101F	PC		SNA	
8	DA97-08122A	ASSY RAIL-BASKET R	SS EDA,ALL	PC		SA	
8-1	DA61-05554A	RAIL -BASKET R	SS EDA,ABS, COOL WHITE(SC-02740R), ALL, HF-06601	PC		SNA	
8-2	DA63-05237A	GROMME T-RAIL	SS EDA,NY-66, COOL WHITE(SC-02740R), ALL, ZYTEL 101F	PC		SNA	
9	DA97-08368A	ASSY SHELF FR E-TOP	SS EDA-PJT, BE ST/BE TTER	PC	1	SA	
9-1	DA64-03180A	TRIM SHELF	SS EDA,LDPE,L30,W HITE	PC	2	SA	
9-2	DA67-02478A	SHELF-FR E TOP	SS EDA,HIPS, COOL WHITE(SC-02740R)	PC	1	SA	
9-3	DA67-02481A	SHELF GLASS-FR E TOP	SS EDA,GLASS,T3.2,277.8,349.6, NTR	PC	1	SA	
10	DA97-08369A	ASSY SHELF FR E-UP	SS EDA-PJT, BE ST/BE TTER	PC	1	SA	
10-1	DA64-03180A	TRIM SHELF	SS EDA,LDPE,L30,W HITE	PC	2	SA	
10-2	DA67-02475A	SHELF-FR E UP	SS EDA,HIPS, COOL WHITE(SC-02740R), GROSSY	PC	1	SA	
11	DA97-08370 A	ASSY SHELF FR E-MID	SS EDA-PJT, BE ST/BE TTER	PC	1	SA	
11-1	DA64-03180 A	TRIM SHELF	SS EDA,LDPE,L30,W HITE	PC	2	SA	
11-2	DA67-02476 A	SHELF-FR E MID	SS EDA,HIPS, COOL WHITE(SC-02740R)	PC	1	SA	
12	DA97-08371 A	ASSY SHELF FR E-LOW	SS EDA-PJT, BE ST/BE TTER	PC	1	SA	
12-1	DA64-03180 A	TRIM SHELF	SS EDA,LDPE,L30,W HITE	PC	2	SA	
12-2	DA67-02477 A	SHELF-FR E LOW	SS EDA,HIPS, COOL WHITE(SC-02740R), GROSSY	PC	1	SA	
13	DA97-08372 A	ASSY CASE-BASKET FR E UPP	SS EDA-PJT, BE ST/BE TTER	PC	1	SA	
13-1	DA61-05766 A	CASE-BASKET FR E UPP	SS EDA,SAN,NTR	PC	1	SNA	
13-2	DA63-05329 A	COVER- BASKET FRONT FR E	SS EDA,HIPS, COOL WHITE(SC-02740R), GROSSY	PC	1	SNA	
14	DA97-08373 A	ASSY CASE-BASKET FR E LOW	SS EDA-PJT, BE ST/BE TTER	PC	1	SA	
14-1	DA61-05767 A	CASE-BASKET FR E LOW	SS EDA,SAN,NTR	PC	1	SNA	
14-2	DA63-05329 A	COVER- BASKET FRONT FR E	SS EDA,HIPS, COOL WHITE(SC-02740R), GROSSY	PC	1	SNA	

: ASSY PART

5. EXPLODED VIEW & PARTS LIST

5-2) Refrigerator



5. EXPLODED VIEW & PARTS LIST

Parts List of Refrigerator

NO	CO DE NO.	PART NAME	Specification	QUANTITY	Unit	SA/SNA	Remark
1	DA96-00681A	ASSY EVAP REF	SS EDA,120V,140W, BE ST/GOOD	PC	1	SA	
1-1	6501-000122	CABLE TIE	DACT-100,-,W2.5, L101.6, NTR, NYLON 66	PC	2	SNA	
1-2	DA32-00029Q	SENSOR TEMP	DTN-C502G6X,SS EDA-PJT,40~110 ,5V,Defrost Sensor, No	PC	1	SA	
1-3	DA47-00301B	THERMO FUSE-ASSY	HERMES,120V/250V,15 A/10A,109~110 ,100mm	PC	1	SA	
1-4	DA47-00322B	HEATERS HEATH-METAL REF	SS EDA-PJT, INCLOY 840,140W,120V,102.8 ohm	PC	1	SA	
1-5	DA59-00405A	EVAP REF	SS EDA	PC	1	SA	
1-6	DA61-00603A	FIXER-SENSOR	n-PJT,PP,-,-,-	PC	1	SA	
1-7	DA61-05160A	FIXER-FUSE	CULLI _09,PP, BJ-730, NTR,-	PC	3	SA	
1-8	DA61-05925A	FIXER-WIRE	ARAM,PP,T2.0,W HITE,flame retardant	PC	1	SNA	
1-9	DA61-06031A	FIXER- HEATER SUB	HAEMIL 10,PP, NTR	PC	2	SA	
1-10	DA61-06071A	PLATE-DRAIN EVAP REF	SS EDA,AL,T0.4	PC	1	SNA	
1-11	DA61-06147A	PLATE-EVAP REF SUB	HAEMIL _10,A1100,T0.7,W50.0, L63.7	PC	1	SNA	
2	DA63-04108A	COVER-FIXER HOUSING	08 CULLINAN ,S AZCC ,T0.4	PC	2	SA	
3	DA97-08724D	ASSY COVER- EVAP REF	SSEDA, ASSY	PC	1	SA	
3-1	6002-001079	SCREW-TAPPING	TH,+,-,2S, M4,L10,P ASS,STS304,-	PC	3	SNA	
3-2	6002-001204	SCREW-TAPPING	TH,+,-,1, M4,L16,P ASS,STS430,-	PC	4	SNA	
3-3	DA31-00146J	MOTOR BLDC	1920,D C12V,230m A,2.8W	PC	1	SA	
3-4	DA31-00242A	FAN-TURBO	SS EDA,ABS, ALL MODEL ,HF-0660 I,COOL WHITE,34.93g	PC	1	SNA	
3-5	DA41-00519R	PBA-LED LAMP	AW3,FR-4,65*10,3CHIP 3EA,DC 12V,N	PC	1	SNA	
3-6	DA61-05776A	PLATE-EVAP HEATER REF	SS EDA,GL-S AZCC ,T0.3	PC	1	SNA	
3-7	DA61-05777B	SUPPORT- MOTOR REF	SS EDA,ABS, NTR,REF	PC	1	SNA	
3-8	DA61-06185A	PLATE-DRAIN INS EVAP REF	SS EDA,AL,T0.6	PC	1	SA	
3-9	DA62-02581A	INSULATION-EVAP REF A(FAN)	SS EDA,FOAM-PS,WHITE	PC	1	SNA	
3-10	DA62-02582A	INSULATION-EVAP REF B	SS EDA,FOAM-PS,WHITE	PC	1	SNA	
3-11	DA63-01146A	GROMMET-MOTOR,REAR	A-TOP,NB R,-,-,-, ID6.5, OD42, BLK ,BL DC	PC	1	SA	
3-12	DA63-01808A	GROMMET-MOTOR,FRONT	BL DC,NB R, BLACK ,H20	PC	1	SA	
3-13	DA63-01809A	COVER MOTOR- BLDC	BL DC-NEW,PP, NTR,-,-,-, BJ-730	PC	1	SA	
3-14	DA63-05341A	COVER- LED REF LOW	SS EDA,PP, NTR	PC	1	SNA	
3-15	DA63-05345A	COVER-FAN SCROLL	SS EDA,ABS, NTR	PC	1	SNA	
3-16	DA63-05533A	COVER EVAP-REF	SS EDA,PP, COOL WHITE(SC-02740R),75 MM	PC	1	SNA	
4	DA97-08725A	ASSY COVER- MULTI REF	SS EDA,ASSY	PC	1	SA	
4-1	DA41-00519E	PBA-LED LAMP	CORE-PJTR-R OOM,FR-4,490*20*1.6t,3chip 12 EA,12V,DC	PC	1	SA	
4-2	DA61-06246A	PLATE-MULTI REF REAR	SS EDA,HOMO - PP,T0.35,W743.8, L277.4,WHITE	PC	1	SNA	
4-3	DA62-02580A	INSULATION-MULTI REF	SS EDA,FOAM-PS,WHITE,75MM	PC	1	SNA	
4-4	DA62-02649A	SEAL-MULTI LOW	SS EDA,OJC-3000,WHITE,T5	PC	1	SA	
4-5	DA63-05532A	COVER- MULTI REF	SS EDA,PP, COOL WHITE(SC-02740R),75 MM	PC	1	SNA	

: ASSY PART

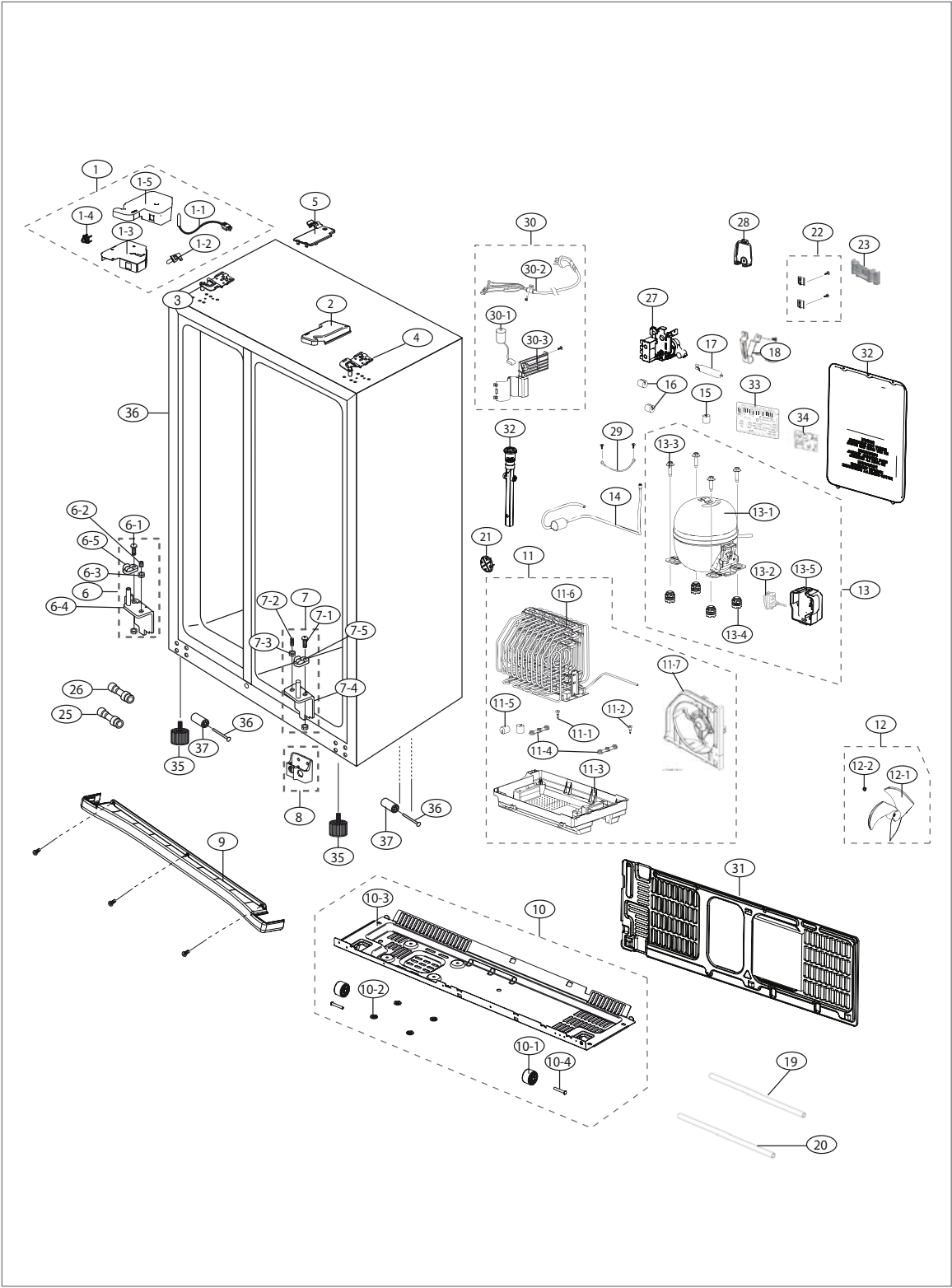
5. EXPLODED VIEW & PARTS LIST

■ Parts List of Refrigerator

NO	CO DE NO.	PART NAME	Specification	QUANTITY	Unit	SA/SNA	Remark
5	DA63-05342A	COVER- LAMP R EF	SS EDA,PP, NTR	PC	1	SNA	
6	DA63-05343A	COVER- LAMP R EF MID L	SS EDA,PP, NTR	PC	1	SNA	
7	DA63-05344A	COVER- LAMP R EF MID R	SS EDA,PP, NTR	PC	1	SNA	
8	DA67-02417A	SHEL F-R EF UP	SS EDA,PP,440,458.6, COOL WHITE(SC-02410R), INSERT, BJ-	PC	2	SA	
9	DA96-00680A	ASS Y-R ACK WINE	SS EDA-PJT,STS204	PC	1	SA	
10	DA67-02474A	SHEL F R EF-F OLD R AIL	SS EDA,AB S, COOL WHITE(SC-02740R)	PC	1	SNA	
11	DA97-03645C	ASS Y SHEL F-R EFF OLD	SS EDA,INSERT	PC	1	SA	
12	DA97-08355A	ASS Y CASE CON VERTIBLE	SSEDA	PC	1	SNA	
12-1	DA31-00070D	MOTOR DC-BOX FAN	-,2400,-,12,0.07 A,-,-,1W,-,-,-,-,-,-	PC	1	SA	
12-2	DA41-00681A	PBA -CON VERTIBLE	SS EDA-PJT,P BA CON VERT IBLE ,FR-1,100*30*1.6T, BLUE	PC	1	SA	
12-3	DA61-05770A	CASE-CON VERTIBLE LOW	SS EDA,AB S, COOL WHITE(SC-02740R)	PC	1	SNA	
12-4	DA61-05771A	CASE-PBA CON VERTIBLE	SSEDA,AB S, NTR, HG -0760	PC	1	SNA	
12-5	DA61-05778A	CASE-CON VERTIBLE UP	SSEDA,AB S, COOL WHITE(SC-02740R)	PC	1	SNA	
12-6	DA63-02513A	GROMME T-FAN	USP, NBR,T1.5,W14, L14,ID15,OD18,WHITE,-	PC	4	SA	
12-7	DA63-05237A	GROMME T-RAIL	SSEDA,NY-66, COOL WHITE(SC-02740R), ALL , ZYTEL 101F	PC	2	SNA	
12-8	DA64-03193A	INLAY -CON VERTIBLE	SSEDA,P ET,T0.2, GRAY	PC	1	SNA	
13	DA97-08383A	ASS Y TR AY-CHILLE D ROOM	SSEDA-PJT, BE ST/ BE TTER	PC	1	SA	
13-1	DA63-05330A	COVER-TR AY CHILLE D	SSEDA,HIPS, COOL WHITE(SC-02740R)	PC	1	SNA	
13-2	DA63-05331A	TR AY-CHILLE D ROOM	SSEDA,S AN,NTR	PC	1	SNA	
14	DA63-05355A	COVER VEG -UPP	SSEDA,GPPS, NTR	PC	1	SA	
15	DA97-08067A	ASS Y CASE VEG -UPP	SSEDA	PC	1	SA	
15-1	DA61-05544A	CASE-VEG UPP	SSEDA,S AN,T2.5, NTR, HF-5661	PC	1	SA	
15-2	DA63-05229A	COVER VEG -FRONT UPP	SSEDA,HIPS,T2.5, COOL WHITE(SC-02740R), HG -1760SF	PC	1	SA	
16	DA63-05270A	COVER VEG -LOW	SSEDA,GPPS, NTR	PC	1	SA	
17	DA97-08069A	ASS Y CASE VEG -LOW	SSEDA	PC	1	SA	
17-1	DA61-05545A	CASE-VEG LOW	SSEDA,S AN,T2.5, NTR, HF-5661	PC	1	SA	
17-2	DA63-05226A	COVER VEG -FRONT LOW B	SSEDA,GPPS,T2.5, NTR, HF-2660	PC	1	SA	
17-3	DA63-05230A	COVER VEG -FRONT LOW A	SS EDA,HIPS,T2.5, COOL WHITE(SC-02740R), HG -1760SF	PC	1	SA	
18	DA97-08043C	ASS Y CASE-WATER FILTER	SSEDA,NTR	PC	1	SA	
18-1	DA63-05239A	COVER-FILTER	SSEDA,HIPS, COOL WHITE(SC-02740R)	1	PC	SNA	
18-2	DA63-05254A	COVER-FILTER WINDOW	SSEDA,GPPS, NTR	1	PC	SNA	
18-3	DA97-08005A	ASSY TANK WATER	SSEDA,ASS Y,NTR	1	PC	SNA	
18-4	DA29-00019A	FILTER WATER	SSEDA	1	PC	SNA	
18-5	DA97-08006A	ASSY CASE-FILTER	SSEDA,WHITE	1	PC	SNA	

5. EXPLODED VIEW & PARTS LIST

5-3) Cabinet



5. EXPLODED VIEW & PARTS LIST

Parts List of Cabinet

NO	CODE NO.	PART NAME	Specification	QUANTITY	Unit	SA/SNA	Remark
1	DA97-08706 C	ASSY COVER HINGE -UPP L	SS EDA,ABS,156,2,227,5, CREAMY STS(S C-07009R)	PC	1	SA	
1-1	DA34-00043 B	SWITCH REE D-ASSY	200VDC,0.5A,MDCG-4 type	PC	1	SA	
1-2	DA34-00051 B	SWITCH DOOR-INTERLOCK	2 BU TTON,125V/250V,5/2.5 A,2 P IN,ON-	PC	1	SA	
1-3	DA61-06092 A	PLATE-COVER HINGE	SS EDA,EGI-S ECC ,T0.3	PC	1	SA	
1-4	DA63-05144 E	GROMMET DOOR SWITCH	AW2-CD PJT, SILICON ,CREAMY STS, HIGH	PC	1	SA	
1-5	DA63-05559 A	COVER HINGE -UP L	SS EDA,ABS,2,5,i- BLACK (SC-00477R)	PC	1	SA	
	DA63-05559 B	COVER HINGE -UP L	SS EDA,ABS,2,5,S NOW WHITE(SC-97527R)	PC	1	SA	
	DA63-05559 C	COVER HINGE -UP L	SS EDA,ABS,2,5, CREAMY STS(S C-07009R)	PC	1	SA	
2	DA63-05560 A	COVER HINGE -UP R	SS EDA,ABS,2,5,i- BLACK (SC-00477R)	PC	1	SA	
	DA63-05560 B	COVER HINGE -UP R	SS EDA,ABS,2,5,S NOW WHITE(SC-97527R)	PC	1	SA	
	DA63-05560 C	COVER HINGE -UP R	SS EDA,ABS,2,5, CREAMY STS(S C-07009R)	PC	1	SA	
3	DA61-05572 A	HINGE -UPP L	SS EDA,SHP1,T3.0, BLACK	PC	1	SA	
4	DA61-05573 A	HINGE -UPP R	SS EDA,SHP1,T3.0, BLACK	PC	1	SA	
5	DA61-00440 A	FIXER- CODE	A-TOPS GCC 1-A,T0.5,-,-	PC	1	SNA	
6	DA97-08162 A	ASSY HINGE LOW-L	SS EDA,SHP1,T4.5	PC	1	SA	
6-1	6003-001435	SCREW-TAP TYPE	HWH,+,-,S, M5,L12.7, ZPC(WHT),SWR CH 18A,-	PC	1	SA	
6-2	6011-001442	BOLT-SOCKET	M8,L13.4, ZPC(BLK),SCM 435,-	PC	1	SA	
6-3	6021-001125	NUT-HEXAGON	3,M8,P1.25, ZPC(BLK),SWR CH 10A,-	PC	1	SNA	
6-4	DA61-05574 A	HINGE -LOW L	SS EDA,SHP1,T4.5, BLACK	PC	1	SNA	
6-5	DA66-00696 A	CAM HINGE -RISER LOW L	SS EDA,NY-66, BLACK (G4078B),2110R	PC	1	SA	
7	DA97-08163 A	ASSY HINGE LOW-R	SS EDA,SHP1,T4.5	PC	1	SA	
7-1	6003-001435	SCREW-TAP TYPE	HWH,+,-,S, M5,L12.7, ZPC(WHT),SWR CH 18A,-	PC	1	SA	
7-2	6011-001442	BOLT-SOCKET	M8,L13.4, ZPC(BLK),SCM 435,-	PC	1	SA	
7-3	6021-001125	NUT-HEXAGON	3,M8,P1.25, ZPC(BLK),SWR CH 10A,-	PC	1	SNA	
7-4	DA61-05575 A	HINGE -LOW R	SS EDA,SHP1,T4.5, BLACK	PC	1	SNA	
7-5	DA66-00401 A	CAM -RISER	SAPPHIRE-PJT, NY-66(2110R), BLACK	PC	1	SA	
8	DA61-05546 A	BRACKET-HINGE LOW	SS EDA,AL,ALL	PC	2	SA	
9	DA63-05232 C	COVER-LEG FRONT	SS EDA,PPS NOW-WHITE(SC-97527R), ALL,BJ730	PC	1	SA	
10	DA97-06969 A	ASSY CHASSIS- COMP	AW-PJT,-,-,-,-,D A97-02064 B	PC	1	SA	
10-1	DA61-04703 A	CASTER-R EAR	AW-PJT,PP,35, NTR,35,PP+TP E	PC	2	SNA	
10-2	DA61-04780 A	BRACKET-COMP	AW-PJT,SHGC ,T2.0,-,-,-,D A61-01867 A	PC	4	SNA	
10-3	DA64-02735 A	CHASSIS COMP	AW-PJT,SHGC ,T1.4,-,-,-,D A64-01170 A	PC	1	SA	
10-4	DA66-00649 A	SHAFT-CASTER	AW-PJT, MSWR10, L46,OD8.2,-,-, ZPC2	PC	2	SA	
11	DA97-07825 A	ASSY TRAY DRAIN WATER	AW-SEM (INVERTER)	PC	1	SA	
11-1	6002-000213	SCREW-TAPPING	TH,+,-,1, M4,L12,ZPC(WHT),SWR CH 18A,-	PC	2	SA	
11-2	6009-001252	SCREW-SPECIAL	PH,+,-,M4.0,L20(12), ZPC(WHT),SWR CH 18A,TAPP 1,-	PC	4	SNA	
11-3	DA63-05078 A	TRAY DRAIN-WATER	AW-SEM (INVERTER),PP, NTR,D A63-04592 A	PC	1	SA	
11-4	DA63-40128 A	GROMMET-SUB COND	-,-,NB R,-,-,-,-,D ARK-GRAY	PC	2	SA	
11-5	DA63-40171 B	GROMMET-SUB PIPE A	-,-,NB R, OD20, ID4,L20,-,-, Brown,-	PC	2	SNA	
11-6	DA97-06988 A	ASSY PIPE-SPIRAL COND	AW-PJT,D A97-05093 A	PC	1	SNA	
11-7	DA97-07824 A	ASSY SUPP ORT-CIRCUIT MOTOR	AW-SEM (INVERTER)	PC	1	SNA	

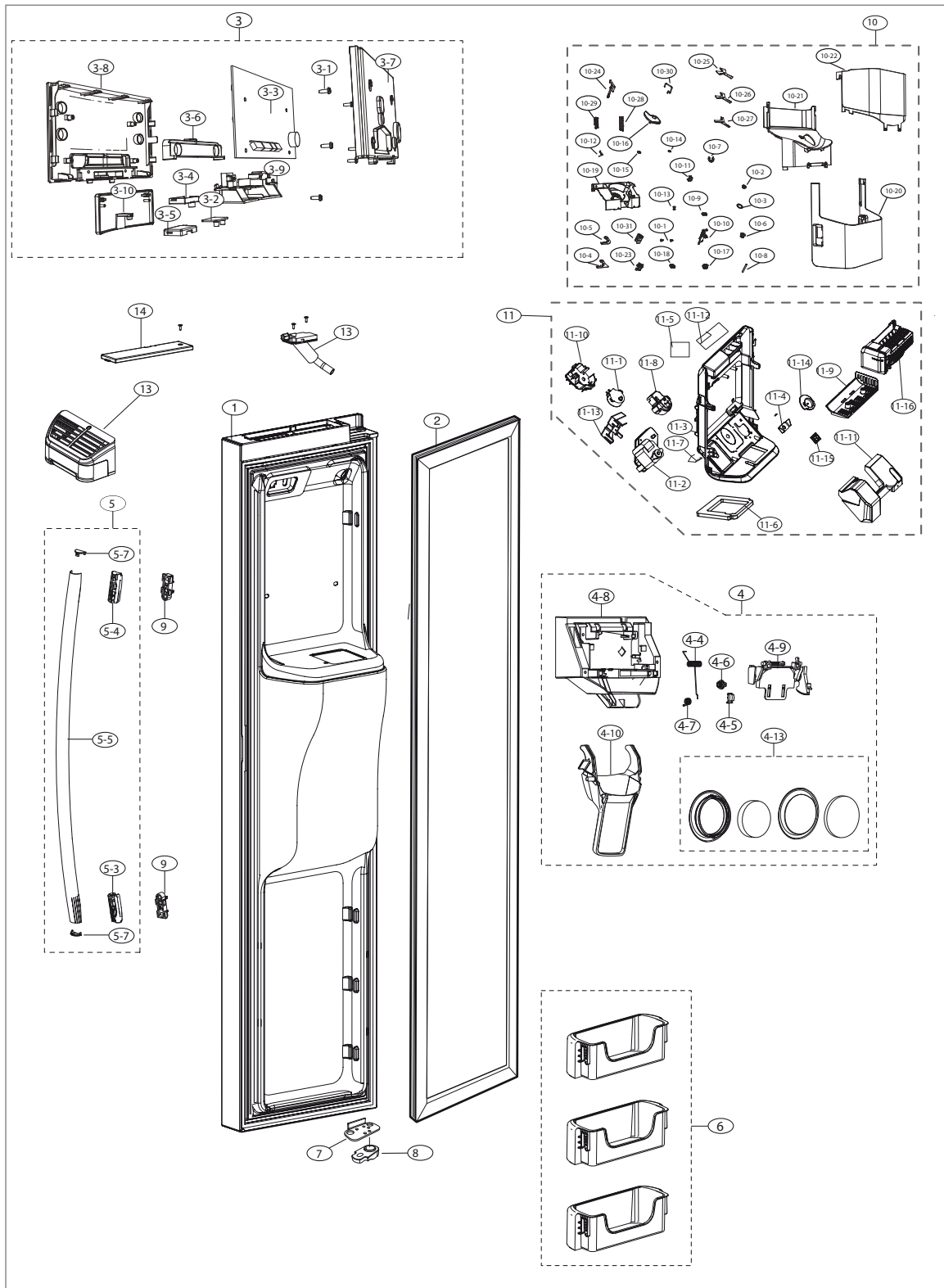
5. EXPLODED VIEW & PARTS LIST

Parts List of Cabinet

NO	CO DE NO.	PART NAME	Specification	QUANTITY	Unit	SA/SNA	Remark
10	DA97-06969 A	ASS Y CHA SS IS- COM P	AW-PJT, D A97-02064 B	PC	1	SA	
12	DA96-00504 A	ASS Y FAN-CIRCUIT	AW-PJT, D A31-00010D	PC	1	SNA	
12-1	DA31-00228 A	FAN-TURBO	AW-PJT, ABS+GLA SSF IBER, D A31-00015 A, GR-	PC	1	SNA	
12-2	DA61-20128 A	SPRING ETC-FAN	STS304, P 17.8, OD1.0, FD	PC	1	-	
13	BK 190CL 2C/S	COMPRESSOR	115V~60 HZ, BLDC, FAN, BK -II	PC	1	-	
13-1	BK 190CL 2C/E0	COMPRESSOR	115V~60 HZ, BLDC, FAN, BK -II	PC	1	SNA	
13-2	DA34-00004D	RELAY PROTECTOR O/L	4TM445P HBY -82, BK 190CL 2X, S/T_19.0 A,	PC	1	SNA	
13-3	DA60-20008 A	BOLT-HEX	S25 C, M6, L42.6, WHITE, ZPC	PC	4	SNA	
13-4	DA63-02617 A	GROMMET COMP	USP05, EPDM, OD18.5, BLACK	PC	4	SNA	
13-5	DA63-04553 A	COVER RELAY	N300X, T2.1, V-0.5V, A, SS EC, BLACK, HOOK, E-PTC	PC	1	SA	
14	DA97-02805D	ASS Y PIPE CONNEC T-SUCTION	GGH 09	PC	1	SNA	
15	DA63-40171 B	GROMMET-SUCT PIPE A	NBR, OD20, ID4, L20, Brown-	PC	1	SA	
16	DA63-40171D	GROMMET-SUCT PIPE B	RAIL L19.5, NBR, OD20, ID6, Brown-	PC	2	SA	
17	DA62-01514 A	DRYER	REF-ALL, C1220T, OD18.70, L114, -	PC	1	SA	
18	DA61-04945 A	CLIP-DRYER	AW-PJT, S BHG 1, T0.4, D A61-02657 A	PC	1	SA	
19	DA62-02043 A	PIPE-CONNECTION DISC A	AW-PJT, C1120T-0, 4.76, T0.6, D A73-10190V	PC	1	SA	
20	DA62-02044 A	PIPE-CONNECTION DISC B	AW-PJT, C1120T-0, 6.35, T0.6, D A73-10190 U	PC	1	SA	
21	DA63-04598 A	COVER-URETHANE	AW-PJT, N-ABS, BLACK, DA63-03809 A	PC	1	SA	
22	DA61-04712 A	FIXER-HOSE	AW, PP, D A61-03467 A	PC	2	SA	
23	DA61-05346 A	FIXER-HOSE	AW-SEM(TM), NY-66, NTR, 3WAY WATER VALVE	PC	1	SA	
24	DA62-00160 E	PIPE-WATER LINE OUT	SS EDA, PP, ID9.5, OD14.5, L320	PC	1	SA	
25	DA62-01626 B	TUBE-FITTING-A	POM, CAPFITTING ADD	PC	1	SA	
26	DA62-01627 B	TUBE-FITTING-B	POM, CAPFITTING ADD	PC	1	SA	
27	DA62-02219 B	VALVE WATER-2WAY	AW2GE, POM, 1.0~8.0, BLUE, FLOW SENSOR	PC	1	SA	
28	DA97-06970 A	ASS Y CAP-DRAIN	AW-PJT, D A97-04049 A	PC	2	SNA	
29	DA39-20389 E	WIRE HARNESS-EARTH	GREEN/YEL, UL 1015 AWG18	PC	1	SA	
30	DA97-07854 B	ASS Y COVER-NOISE FILTER	SS EDA, 1EVAP	PC	1	SNA	
30-1	3903-000400	CB F-POWER CORD	AT, US, SPT	PC	1	SA	
30-2	6002-000217	SCREW-TAPPING	TH, 1, M4, L8, ZPC(WHT), SWRCH18A,	PC	1	SNA	
30-3	DA27-00019D	COIL FILTER-EMI	GUGGENHEIM -PJT, 20m H, 40m, 33±1.82*60, 25	PC	1	SNA	
31	DA97-08384 A	ASS Y COVER COMP	SS EDA, ALL	PC	1	SNA	
32	DA97-07852 A	ASS Y COVER-P CB PANEL	AW-SEM (INVERTER)	PC	1	SNA	
33	DA41-00670 A	PBA MAIN	SS EDA-PJT, REAR OF REF, FR-1, 247*197,	PC	1	SA	
34	DA41-00404 L	PBA SUB-PBA INVERTER	SS EDA-PJT, BACK, FR-4, 1.6T*148*98.5, 110/120V, 50	PC	1		
35	DA61-04721 B	FOOT-FRONT	AW2-PJT, PP, 26, NTR, D A61-00805D	PC	2	SA	
36	DA61-01920 A	CASTER-RIVET	ZPC2), MSWR10, OD8.0, L54, -	PC	2	SNA	
37	DA61-04702 A	CASTER-FRONT	AW-PJT, PP, 35, NTR, 35, PP+TP E	PC	2	SA	

5. EXPLODED VIEW & PARTS LIST

5-4) Freezer Door



5. EXPLODED VIEW & PARTS LIST

NO	CODE NO.	PART NAME	Specification	QUANTITY	Unit	SA/SNA	Remark
1	DA91-03031 A	ASS Y D R F OAM FR E	RS267TDRS/ XAA,REAL STAINLESS	PC	1	SA	
	DA91-03031 B	ASS Y DOOR F OAM FR E	RS267TD BP/XAA,EMPIRE BLACK	PC	1	SA	
	DA91-03031 C	ASS Y DOOR F OAM FR E	RS267TDP N/XAA,P LAINUM INOX	PC	1	SA	
	DA91-03031D	ASS Y DOOR F OAM FR E	RS267TDWP/ XAA,S NOW W HITE	PC	1	SA	
2	DA97-08239 A	ASS Y-GASKE T DOOR FR E	SS EDA	PC	1	SA	
	DA97-08239 B	ASS Y-GASKE T DOOR FR E	SS EDA,GRAY	PC	1	SA	
3	DA97-08703 A	ASS Y COVER-DISPENSER	SS EDA,BLACK ,BEST	PC	1	SA	
3-1	6002-000466	SCREW-TAPPING	PH,+,-,2S, M3.0,L8,ZPC(WHT),MSWR10,-	PC	6	SN	
3-2	DA41-00217 A	ASSY PCB KIT	AD,DOORFR E,FR-1,31*17,D ISPENSER LAMP,12V,60 HZ	PC	1	SN	
3-3	DA41-00682 A	PBA PANEL	SS EDA-PJT, PBA PANEL,FR-4,60*84.5*1.6,TW IN COOLING ,2-	PC	1	SA	
3-4	DA61-05687 A	CASE LAMP-LED	SS EDA,GPPS,T1.0, N HIT / VALUE (HF-2660S H)	PC	1	SN	
3-6	DA63-02446 A	COVER- LAMP- LED	EPEL,ABS,-,W39.6, L22.6,-,-,W HT,-	PC	1	SN	
3-7	DA63-05328 A	GROMMET-BUTTON CONTROL	SS EDA,S ILICON ,BLACK	PC	1	SA	
3-8	DA63-05332 A	COVER-PBA REAR	SS EDA,HIPS, COOL WHITE(SC-02740R)	PC	1	SA	
3-9	DA63-05346 A	COVERDISPENSER	SS EDA,ABS, NTR, BLACK	PC	1	SA	
	DA63-05346 B	COVERDISPENSER	SS EDA,ABS, NTR,W HITE	PC	1	SA	
	DA63-05346 C	COVERDISPENSER	SS EDA,ABS, NTR,VersaillesSilver	PC	1	SA	
3-10	DA64-03178 C	DECO COVER-DISPENSER	SS EDA,ABS,T2.0, CREAMY STS(S C-07009R),V ERSAILLES SILVER(DAC-GR912S)	PC	1	SA	
3-11	DA64-03179 A	BUTTON-CONTROL	SS EDA,ALDC12,HAIR LINE	PC	1	SA	
4	DA97-08119 C	ASSY CASE-LEVERDISPENSER	SS EDA,CREAMY STS(S C-07009R), HI ALUE	PC	1	SA	
4-1	6002-000630	SCREW-TAPPING S	PH,+,-,2S, M3,L8,ZPC(WHT),SWRCH 18A,- T/V	PC	1	SN	
4-2	DA34-00011 A	SWITCH-MICRO	VP533 A-OF-5, MICRO,250V,15 A,PBT,GP1006F,-,1,-	PC	1	SN	
4-3	DA34-00011 B	SWITCH MICRO	-,-,-,250V,-,15 A,-,-,-, Max 200g,-, Max15m ,-,-	PC	1	SN	
4-4	DA61-01651 A	SPRING ETC-COVERICE ROUTE	AD,STS304,1.0,6.6,-,-,-,-,-,-,-,-	PC	1	SN	
4-5	DA61-01868 A	BRACKET-OILDAMPER	AD,ABS,-,-,-,S C-93437R,-	PC	1	SN	
4-6	DA61-01869 A	OILDAMPER	AD,POM,-,120g/ Cm,-,OD15,-,-	PC	1	SN	
4-7	DA61-05585 A	SPRING ETC-LEVERDISPENSER	SS EDA,STS304,7.8,1,10.1,1.0, HIT/VALUE	PC	1	SN	
4-8	DA61-05586 C	CASE-LEVERDISPENSER	SS EDA,ABS,T2.5, CREAMY STS(S C-07009R), HIT/VALUE	P	1	SN	
4-9	DA63-05244 A	COVER-ICE ROUTE	SS EDA,ABS,T2.5, I-BLACK (SC-00477R), HIT/VALUE ,HG-0760 H	PC	1	SN	
4-10	DA66-00697 A	LEVER-DISPENSER	SS EDA,ABS,T3.5, NTR, HIT/VALUE ,UT0510 I	PC	1	SN	
4-11	DA96-00611 A	ASSY W/HARNESS-DISP	SS EDA-PJT,D C 5V	PC	1	SN	
4-12	DA97-08117 A	ASSY COVER-ICE ROUTE	SS EDA,HIT/VALUE	PC	1	SN	
4-13	DA63-02305 A	GASKET-COVERICE ROUTE	TBI-PJT,S ILICON ,-,-,-, BLK ,-,-	PC	1	SN	
4-14	DA63-03238 A	COVER-ICE ROUTE B	QUEEN ,ABS,-,-,-,-,W HT,-	PC	1	SN	
4-15	DA72-00260 H	SEAL-COVERICE ,ROUTE	QUEEN ,FOAM -PE,WHITE,T7,D68,-,-	PC	1	SN	
4-16	DA72-00260J	SEAL-COVERICE ,ROUTE	QUEEN ,FOAM -PE,-,T13,-,-, OD64	PC	1	SN	
5	DA97-08278 A	ASSY HANDLE BAR	SS EDA,AL(6063), L880.3, HIT/VALUE	PC	2	SA	
5-1	6002-000215	SCREW-TAPPING	TH,+,-,NO,1, M4,L16,ZPC(WHT),SWRCH 18A	PC	2	SA	
5-2	DA01-00558 A	FILM-HANDLE	SS EDA-PJT, HDPE,T0.2,29,27, ADHESIVE, CUTTING	PC	1	SN	
5-3	DA61-05593 A	SUPPORT-HANDLE LOW	SS EDA,POM,T2.5, NTR, HIT/VALUE	PC	1	SN	
5-4	DA61-05594 A	SUPPORT-HANDLE UPP	SS EDA,POM,T2.5, NTR, HIT/VALUE	PC	1	SN	
5-5	DA64-03098 A	HANDLE BAR	SS EDA,AL,T1.3, I-BLACK ,AL(A6063)/SPRAY	PC	1	SN	

5. EXPLODED VIEW & PARTS LIST

Parts List of Freeze Door

NO	CODE NO.	PART NAME	Specification	QUANTITY	Unit	SA/SNA	Remark
5-5	DA64-03098 B	HANDLE BAR	SS EDA,AL,T1.3,S NOW WHITE,AL(A6063)	PC	1	SN	
	DA64-03098 C	HANDLE BAR	SS EDA,AL,T1.3,Versailles SILVER,AL(A6063)	PC	1	SN	
5-6	0102-001604	ALUMINUM -INGOT	AL6063	G	##	SN	
5-7	DA67-02431 A	CAP- HANDLE	SS EDA,ABS,T1.5, I-BLACK (SC-00477R), HG-0760 H	PC	2	SN	
	DA67-02431 B	CAP- HANDLE	SS EDA,ABS,S NOW WHITE(SC-97527T)	PC	2	SN	
	DA67-02431 C	CAP- HANDLE	SS EDA,ABS, CREAMY STS(SC-07009R),Versailles SILVER SPRAY	PC	2	SN	
6	DA97-08349 A	ASSY GUARD TILTFRE	SS EDA	PC	3	SN	
6-1	DA61-05769 A	SUPPORT- GUARD TILTFRE	SS EDA,HIPS, COOL WHITE(SC-02740R)	PC	1	SN	
6-2	DA63-05336 A	GUARD-TILTFRE	SS EDA,HIPS, COOL WHITE(SC-02740R)	PC	1	SN	
6-3	DA63-05337 A	COVER- GUARD TILTFRE	SS EDA,GPPS, NTR	PC	1	SN	
7	DA61-05576 A	STOPPER-DOOR L	SS EDA,SHPT3.0, BLACK	PC	1	SA	
8	DA66-00695 A	CAM HINGE -RISER UPP L	SS EDA,NY-66, BLACK (G4078B),2110R	PC	1	SA	
9	DA61-05591 A	FIXER- HANDLE	SS EDA,POM,T2.0, NTR, HIT/VALUE	PC	2	SA	
10	DA97-06569D	ASSY TRAY-ICE BUCKET	GGH,COOL WHITE(SC-02740R), IN DOOR ICE MAKER	PC	1	SA	
10-1	6002-000473	SCREW-TAPPING	TH,+,NO,1,M4,L14,PASS,STS304	PC	6	SN	
10-2	6021-001210	NUT-HEXAGON FLANGE	M9,PASS,STS304,-	PC	1	SN	
10-3	6031-002007	WASHER-P LAIN	STS304, ID20,OD28,T0.5, BARREL	PC	1	SA	
10-4	DA31-20121 B	BLADE-STATIONARY DISC OUT	A-TOP,STS304,T2.0,-,-,-,-	PC	1	SN	
10-5	DA31-20122 B	BLADE-STATIONARY DISC IN	A-TOP,STS304,T2.0,-,-,-,-	PC	1	SN	
10-6	DA60-00202 A	FASTENER-NUT HEX	POM,-,-,-,-, NTR,-,-	PC	1	SN	
10-7	DA60-00231 A	FASTENER-RING	AW-PJT,STS304,29,T1.5,STS304 H	PC	1	SN	
10-8	DA60-90136 A	PIN-SPIRAL	STS304, OD5.2, L40,SR-S7180,-,-	PC	1	SN	
10-9	DA61-02738 A	MAGNET-ASSY	CORE-PJT,Strontium ferrite,T5,W7, L18,-	PC	1	SA	
10-10	DA61-04364 A	GUIDE-CRUSHER BUCKET	GUGGENHEIM ,POM,117,293,146.5, COOL WHITE(SC02740R)	PC	1	SN	
10-11	DA61-04366 B	FIXER- LEVER CUBE	GGH ,STAINLE SS-STS304,T0.8	PC	1	SN	
10-12	DA61-04375 A	SPRING ETC-LEVER CUBE	GUGGENHEIM ,STS304,D1.2,5.5,7.9,36,5	PC	1	SN	
10-13	DA61-04378 A	SPRING ETC-BUCKET LEVER	GUGGENHEIM ,STS304,D0.7,4,5.4,10,6	PC	4	SN	
10-14	DA61-04460 A	FIXER- GROMMET HELIX B	GUGGENHEIM ,STS304,T1.0,W15.7, L12.6	PC	1	SN	
10-15	DA61-04663 A	FIXER-WASHER	GGH ,STS304,T2.5,-,-	PC	1	SA	
10-16	DA61-05679 A	PLATE-ICE BUCKET	GUGGENHEIM ,STAINLE SS-STS304,T0.6	PC	1	SN	
10-17	DA63-04350 A	GROMMET-HELIX B	GUGGENHEIM ,POM,T22, 24.7,WHITE	PC	1	SN	
10-18	DA63-04351 A	GROMMET-HELIX A	GUGGENHEIM ,POM,T12.4, 30.2,WHITE	PC	1	SN	
10-19	DA63-04354 A	COVER-CRUSHER BUCKET	GUGGENHEIM ,ABS,137.9,290.2, L153,-,-,COOL WHITE(SC02740R),-	PC	1	SA	
10-20	DA63-04359 A	TRAY ICE -BUCKET FRONT	GUGGENHEIM ,ABS,-,300,128,-, COOL WHITE(SC02740R),-	PC	1	SN	
10-21	DA63-04360 A	TRAY ICE -BUCKET REAR	GUGGENHEIM ,ABS,-,291.3,168.7,-, COOL WHITE(SC02740R)	PC	1	SN	
10-22	DA64-02587 A	WINDOW-BUCKET	GUGGENHEIM ,PC,-,288.8,117,-,-,-	PC	1	SA	
10-23	DA65-00051 A	CLAMP-CORE-HELIX	GUGGENHEIM ,STS304,-,-,-,-	PC	1	SN	
10-24	DA65-00052 A	CLAMP-CORE-BLADE	GUGGENHEIM ,STS304,-,-,-,-	PC	1	SN	
10-25	DA66-00369 C	BLADE-MOVING A	GUGGENHEIM ,STS304,T2.0	PC	1	SN	
10-26	DA66-00370 C	BLADE-MOVING B	GUGGENHEIM ,STS304,T2.0	PC	1	SN	
10-27	DA66-00373 C	BLADE-MOVING C	GUGGENHEIM ,STS304,T2.0	PC	1	SN	
10-28	DA66-00587 A	LEVER- BUCKET L	GUGGENHEIM ,ABS,29.8,76.7,19.4,-, COOL WHITE(SC02740R)	PC	1	SA	

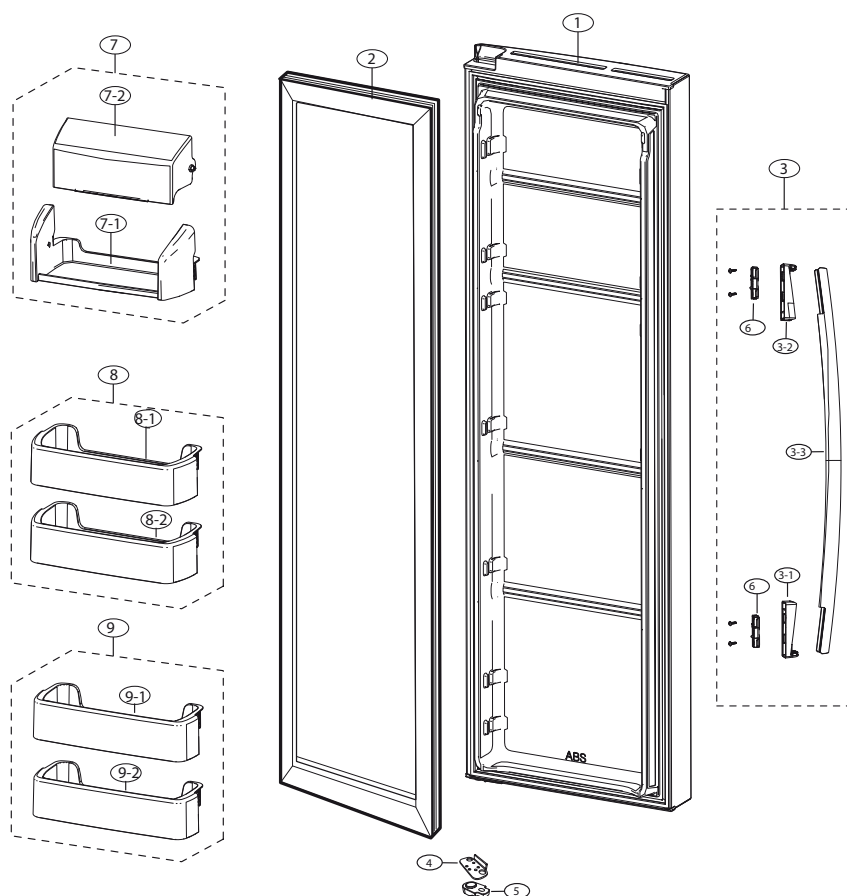
5 . EXPLODED VIEW & PARTS LIST

■ Parts List of Freeze Door

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5. EXPLODED VIEW & PARTS LIST

5-5) Refrigerator Door

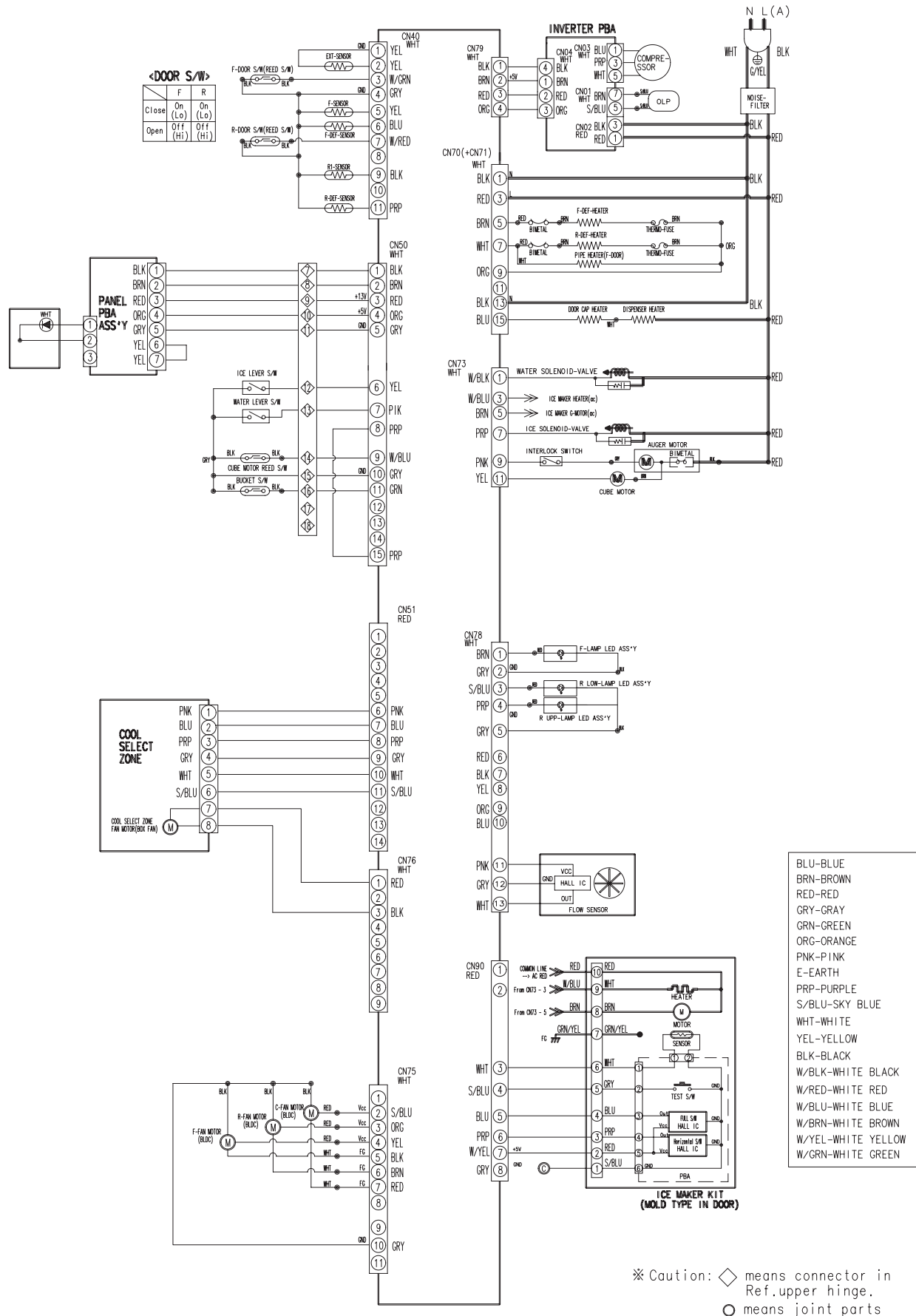


5. EXPLODED VIEW & PARTS LIST

■ Parts List of Refrigerator Door

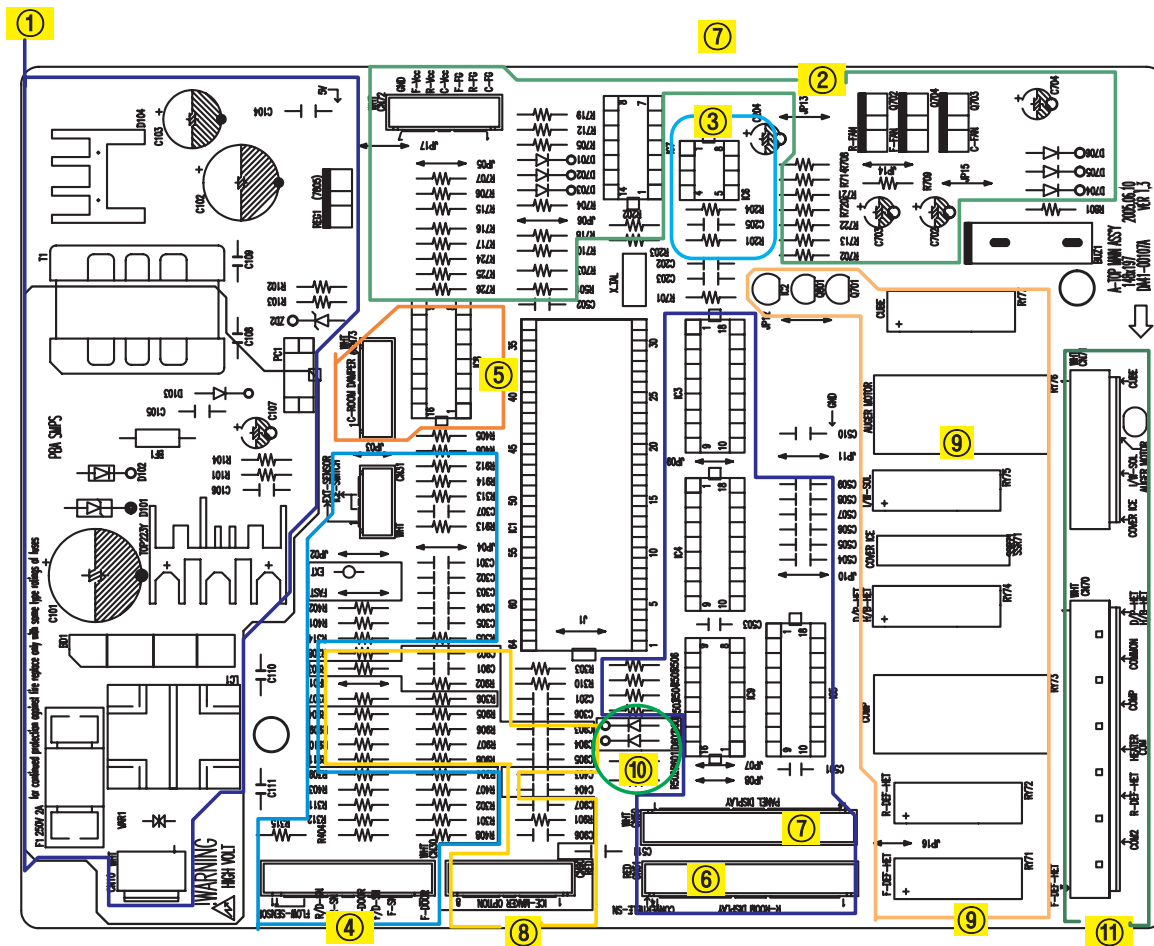
NO	CODE NO.	PART NAME	Specification	QUANTITY	Unit	SA/SNA	Remark
1	DA91-02963 A	ASS Y DOOR F OAM REF	SS EDA,BP	PC	1	SA	
	DA91-02963 B	ASS Y DOOR F OAM REF	SS EDA,WP	PC	1	SA	
	DA91-02963 C	ASS Y DOOR F OAM REF	SS EDA,P,N	PC	1	SA	
	DA91-02963D	ASS Y DOOR F OAM REF	SS EDA,RS	PC	1	SA	
2	DA97-08240 A	ASS Y-GAS KE T D OOR	SS EDA	PC	1	SA	
	DA97-08240 B	ASS Y-GAS KE T D OOR	SS EDA,GRAY	PC	1	SA	
3	DA97-08278 A	ASS Y HANDLE BAR	SS EDA,AL(6063), L880.3, HIT/VALUE	PC	2	SA	
3-1	6002-000215	S CREW-T APP ING	TH,+,NO,1,M4,L16,ZPC(WHT),SWR CH18A	PC	2	SA	
3-2	DA01-00558 A	FILM -HANDLE	SS EDA-PJT, HDPE,T0.2,29,27, ADHESIVE, CU TTING	PC	1	SNA	
3-3	DA61-05593 A	SUPP ORT- HANDLE LOW	SS EDA,P OM,T2.5, NTR, HIT/VALUE	PC	1	SNA	
3-4	DA61-05594 A	SUPP ORT- HANDLE UPP	SS EDA,P OM,T2.5, NTR, HIT/VALUE	PC	1	SNA	
3-5	DA64-03098 A	HANDLE BAR	SS EDA,AL,T1.3, I-BLACK ,AL(A6063)/SPR AY	PC	1	SNA	
	DA64-03098 B	HANDLE BAR	SS EDA,AL,T1.3,S NOW W HITE,AL(A6063)	PC	1	SNA	
	DA64-03098 C	HANDLE BAR	SS EDA,AL,T1.3,Versailles S ILVER, AL(A6063)	PC	1	SNA	
3-6	0102-001604	ALUMINUM -INGO T	AL 6063	G	393	SNA	
3-7	DA67-02431 A	CAP- HANDLE	SS EDA,AB S,T1.5, I-BLACK (SC-00477R), HG-0760H	PC	2	SNA	
	DA67-02431 B	CAP- HANDLE	SS EDA,AB S,S NOW W HITE(SC-97527T)	PC	2	SNA	
	DA67-02431 C	CAP- HANDLE	SS EDA,AB S, CREAMY STS(S C-07009R),Versailles	PC	2	SNA	
4	DA61-05577 A	ST OPP ER-D OOR R	SS EDA,S HP1,T3.0, BLACK	PC	1	SA	
5	DA66-00344 A	CAM -HINGE RISER LOW	USP05(ATOP,ET),NY-66(2110R), BLACK	PC	1	SNA	
6	DA61-05591 A	FIXER- HANDLE	SS EDA,P OM,T2.0, NTR, HIT/VALUE	PC	2	SA	
7	DA97-08060 A	ASS Y GUA RD-D AIRY	SS EDA	PC	1	SA	
7-1	0203-001879	TAPE-POLY	4298,T0.116,W38, L50M,BLUE ,-	M	0.2	SNA	
7-2	DA02-10011 C	TAPE ETC-PE	,-,T0.05,W100,1R L,-,-	M	0.7	SNA	
7-3	DA63-05214 A	GUA RD-D AIRY	SS EDA,HIPS,T2.2, COOL WHITE(SC-02740R)	PC	1	SNA	
7-4	DA63-05225 A	COVER- GUA RD D AIRY	SS EDA,GPPS,T2.5, NTR, HIT/VALUE ,HF-2660S	PC	1	SNA	
8	DA97-08348 A	ASS Y GUA RD R EF- UP	SS EDA	PC	2	SNA	
8-1	DA63-05215 A	GUA RD R EF-UP	SS EDA,HIPS,T2.2, COOL WHITE(SC-02740R), HG-1760SF	PC	1	SA	
8-2	DA63-05338 A	COVER- GUA RD R EF UP	SS EDA,GPPS, NTR	PC	1	SNA	
9	DA97-08347 A	ASS Y GUA RD R EF-LOW	SS EDA	PC	2	SNA	
9-1	DA63-05217 A	GUA RD R EF-LOW	SS EDA,HIPS,T2.2, COOL WHITE(SC-02740R)	PC	1	SA	
9-2	DA63-05340 A	COVER- GUA RD R EF	SS EDA,GPPS, NTR	PC	1	SNA	

6. WIRING DIAGRAM



7. PCB DIAGRAM

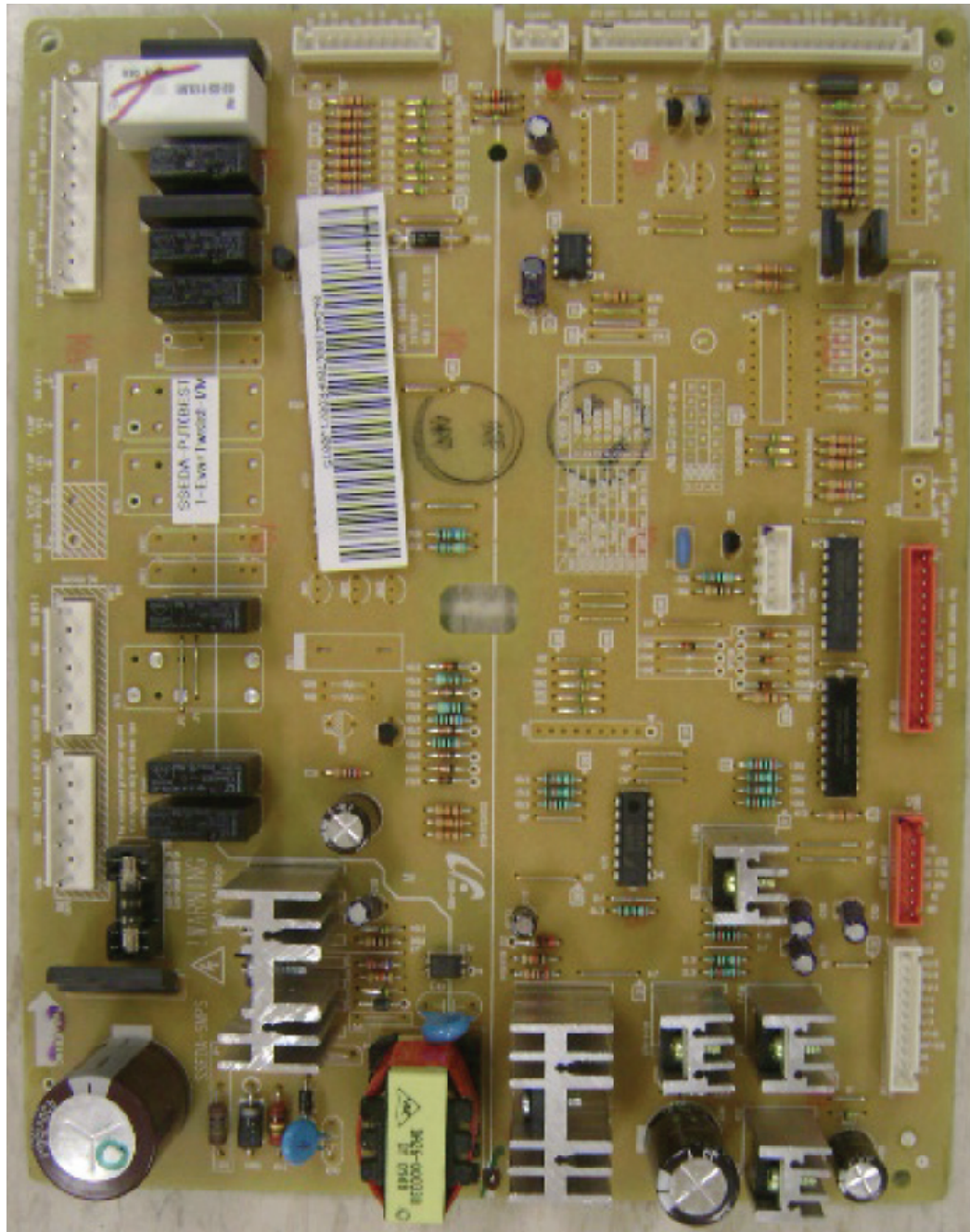
7-1) PART ARRANGEMENT (Main Board)



1. AC power on the PCB power part (SMPS) is supplied and converted to DC12V, 5V and GND through SMPS circuits.
2. Power is supplied to the fan motor driving part up to 8.3V ~10V depending on the type of motor.
3. EEPROM: Saves or records various data.
4. Receives various sensor signals and removes noise with MICOM and transfers them again.
5. Plays role of operating the genuine room taste damper and the damper heater.
6. Displays LED to the genuine room taste display driving part, and processes key signals.
7. Displays LED to the panel display driving part, and processes key signals.
(Controlled in the link with genuine room taste circuits)
8. Performs ice-maker operation and supplies power of the motor and senses change of switches.
9. Relay part to control AC load.
10. Option setting part for model separation.
11. Connector part to connect AC load.

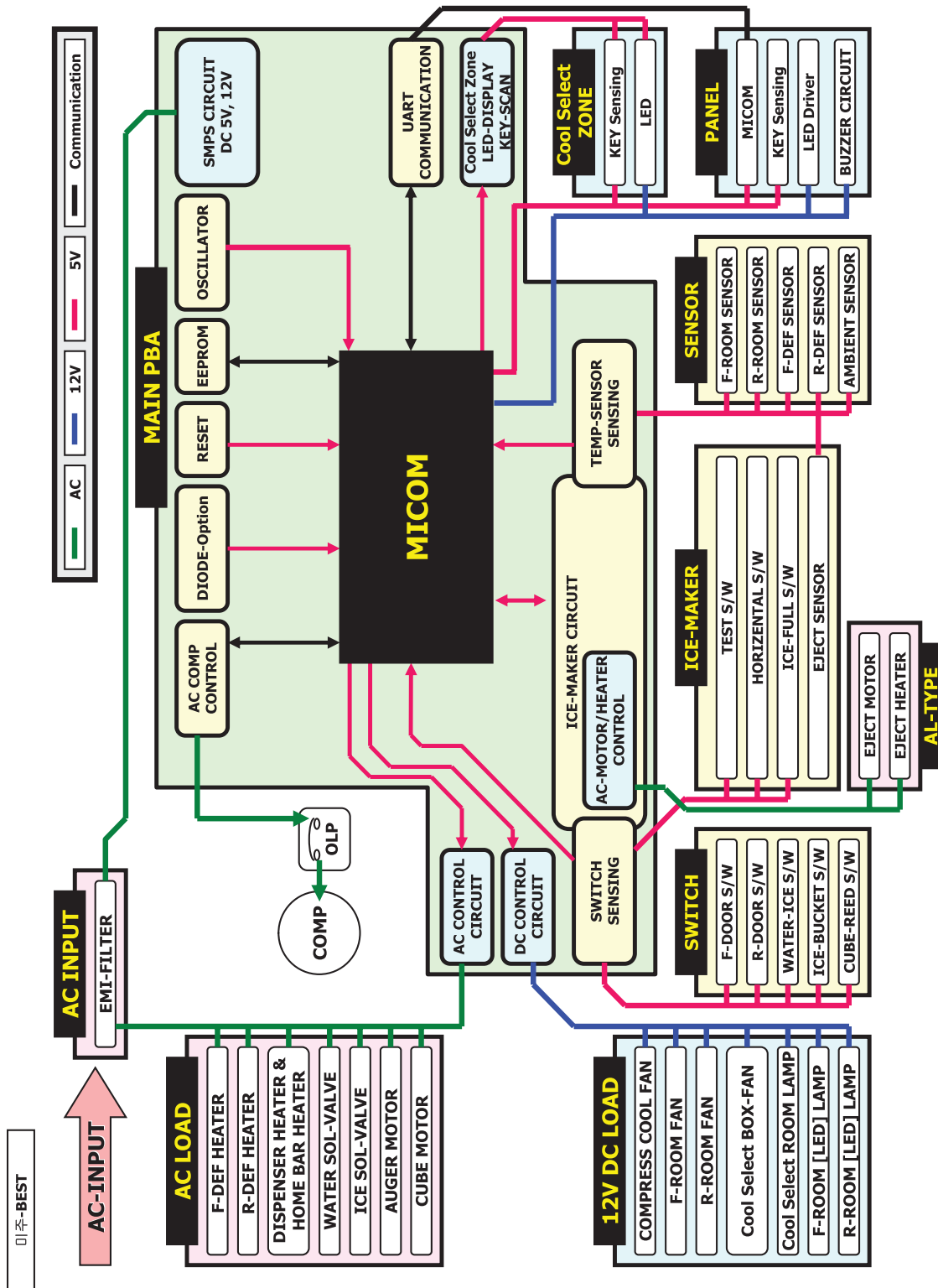
7. PCB DIAGRAM

7-2) CONNECTOR ARRANGEMENT (Main Board)



8. SCHEMATIC DIAGRAM

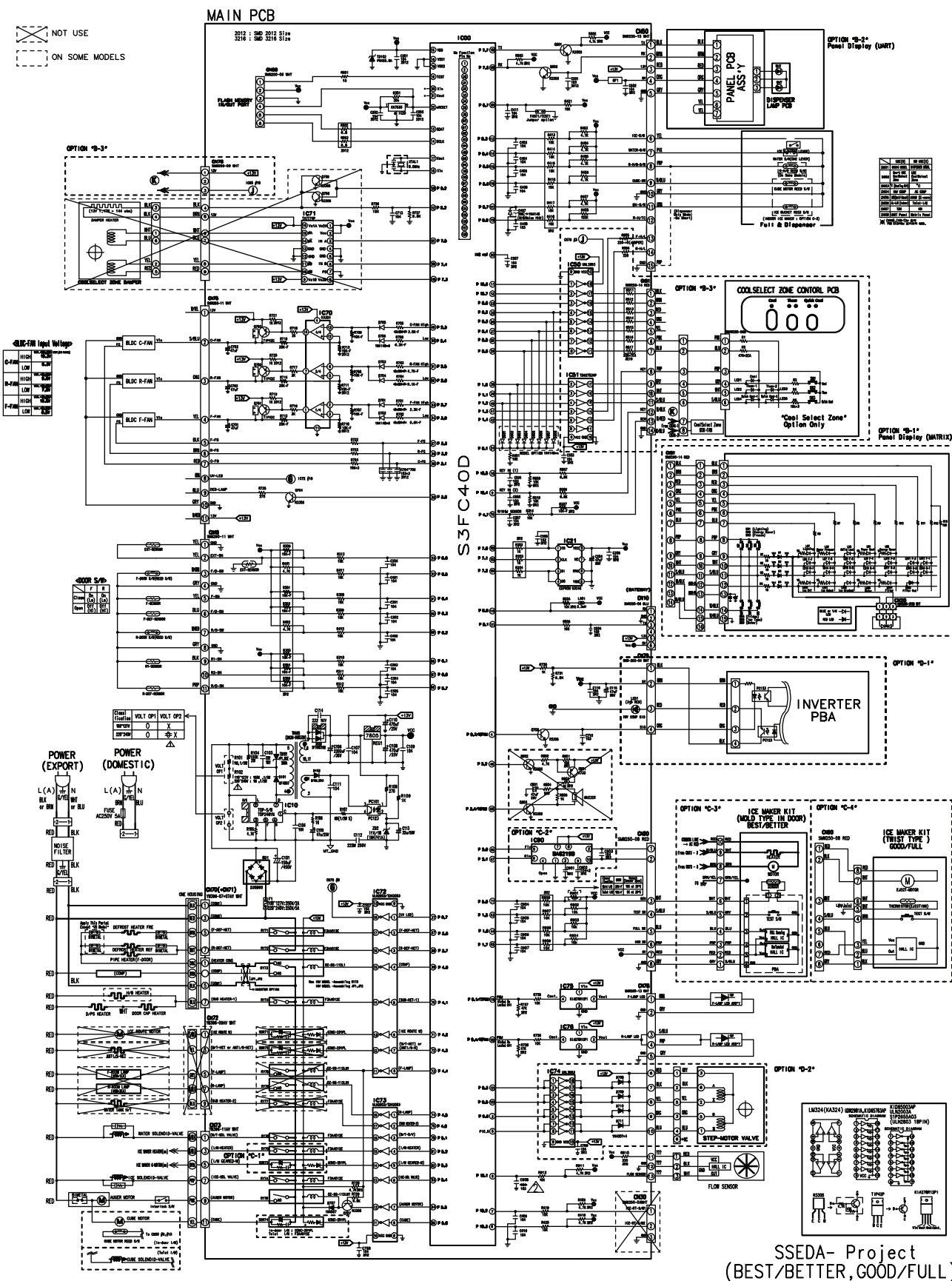
8-1) Block Diagram



8. SCHEMATIC DIAGRAM

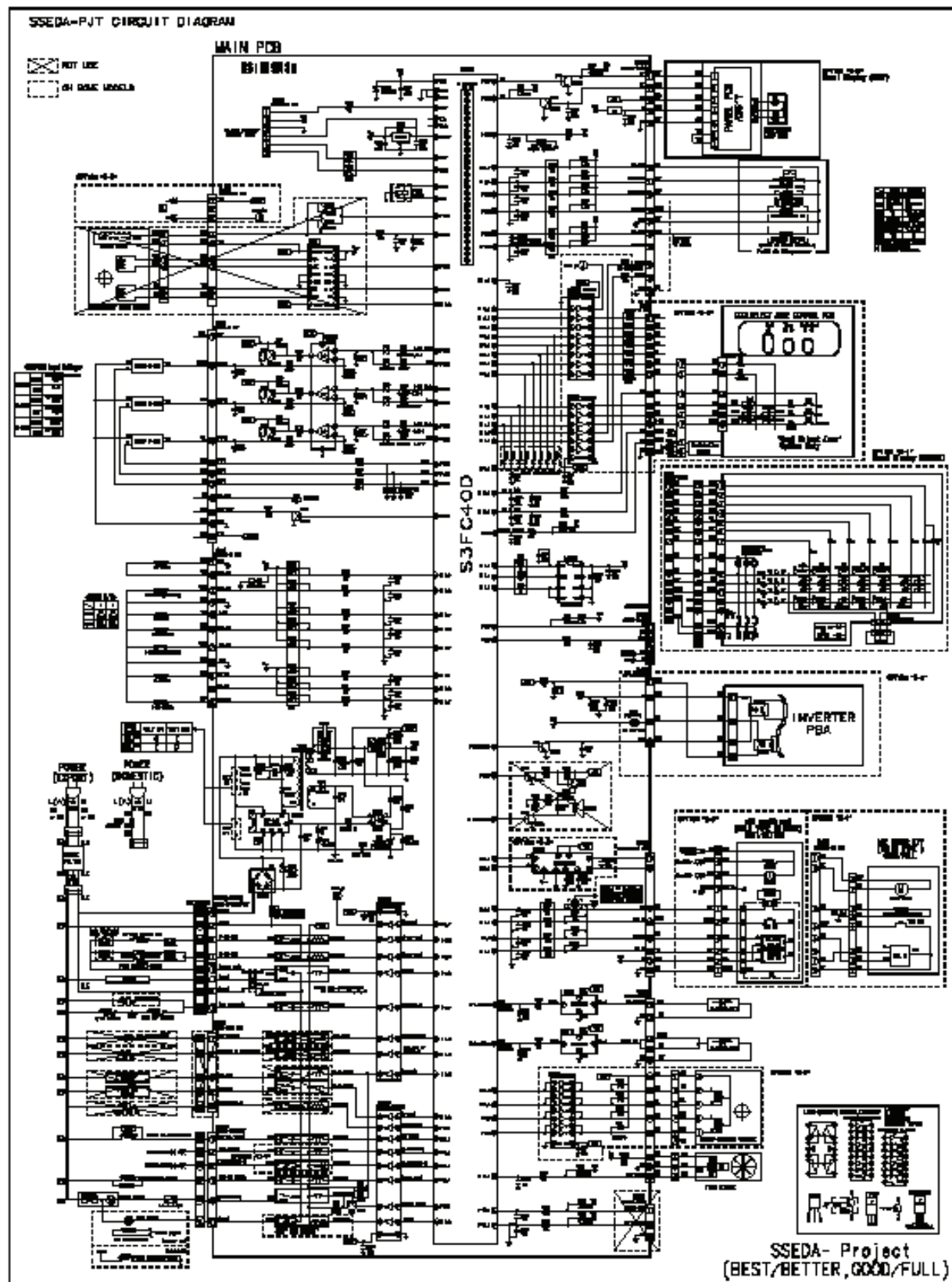
8-2) Schematic Diagram

SSEDA-PJT CIRCUIT DIAGRAM



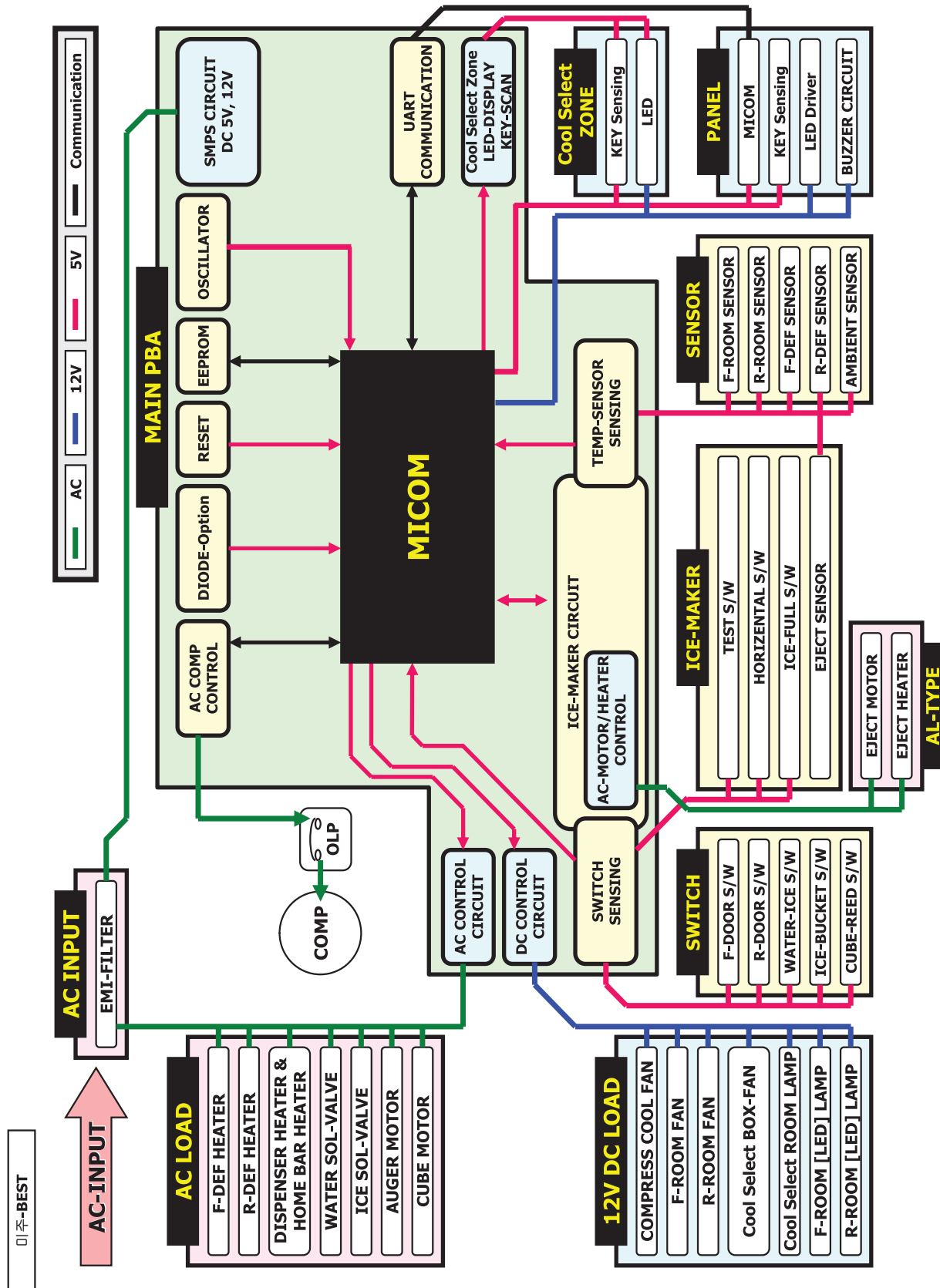
8. SCHEMATIC DIAGRAM

8-2) Schematic Diagram



8. SCHEMATIC DIAGRAM

8-1) Block Diagram



9. REFERENCE INFORMATION

9-1) MODEL NAME(NOMENCLATURE) & Q&A77

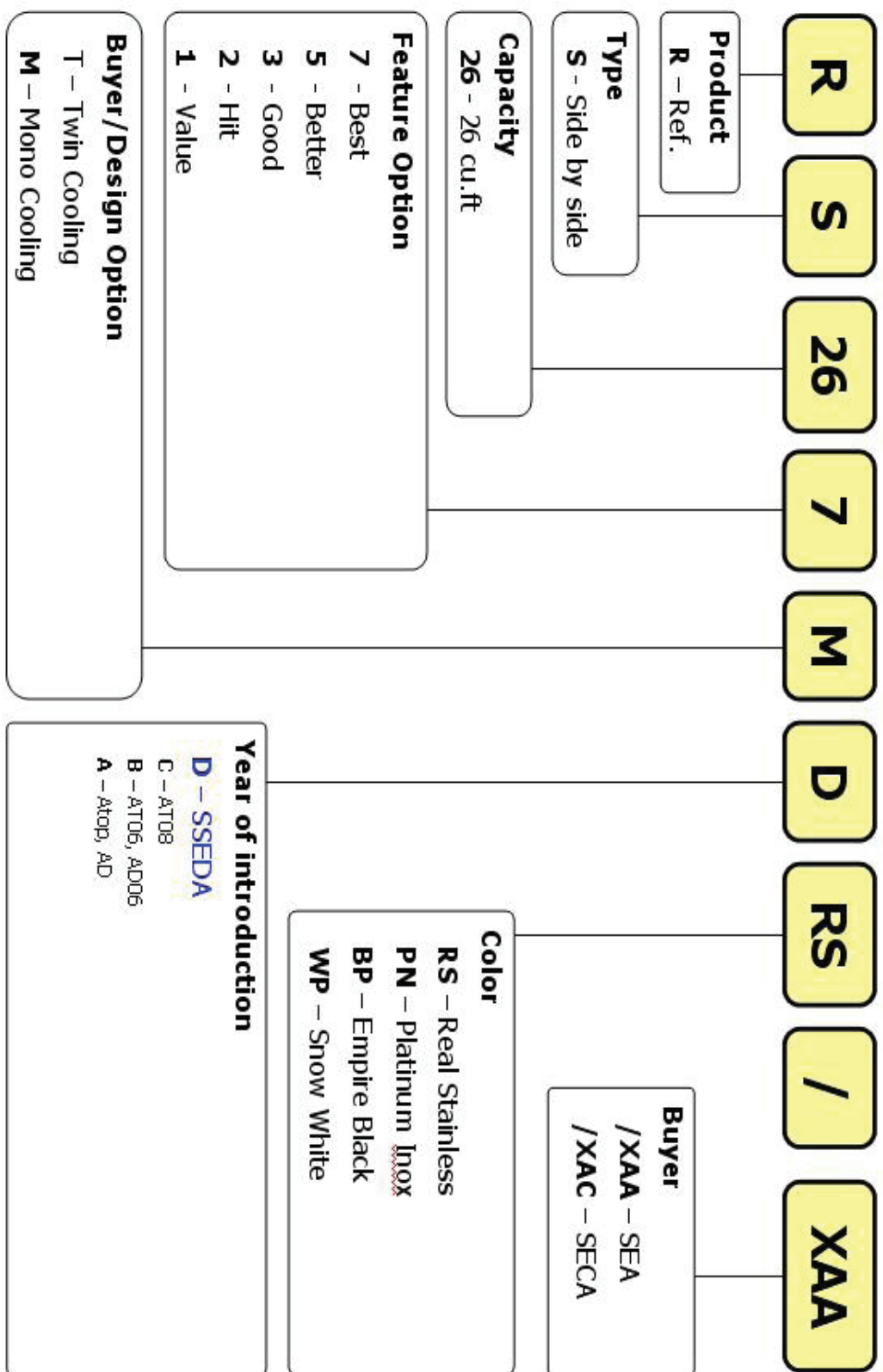
9-1-1) MODEL NAME(NOMENCLATURE)77

9-1-2) Q&A78

9. REFERENCE INFORMATION

9-1) MODEL NAME(NOMENCLATURE) & Q&A

9-1-1) MODEL NAME(NOMENCLATURE)



9. REFERENCE INFORMATION

9-1-2) Q&A

Problem	Possible Causes	What To Do
The refrigerator does not work sufficiently or at all	• Disconnected power plug	• Check that the power plug is properly connected.
	• Is the temperature control on the display panel set to the correct temperature?	• Try setting it to a lower temperature.
	• Is the refrigerator in direct sunlight or located near a heat source?	• Move the refrigerator to the proper location.
	• Is the back of the refrigerator too close to the wall?	
The food in the refrigerator is frozen	• Is the temperature control on the display panel set to the correct temperature?	• Try setting it to a warmer temperature.
	• Is the temperature in the room too low?	
	• Did you store the food with a high water content in the coldest part of the refrigerator.	
Unusual noises or sounds are heard	• Is the back of the refrigerator too near to the wall?	• Check that the floor is levelled and stable. • Move the refrigerator to the proper location.
	• Was anything dropped behind or under the refrigerator?	• Remove the foreign thing.
	• A “ticking” sound may be heard from inside the refrigerator. This is normal and occurs because various accessories contract or expand.	
The front corners and sides of the cabinet are hot; condensation occurs	• HOT-PIPE is installed in the front corners of refrigerator. That makes refrigerator’s temperature low quickly and save the power consumption.	• Normal state
	• Condensation can occur when you leave the door open for a long time.	• Normal state
Ice is not dispensed	• Did you stop the ice making function?	• See the control panel.
	• Is there any ice in the storage unit?	• See the ice container.
	• Is the water pipe connected and the shut-off valve open?	• See the valve.
	• Is the freezer temperature too warm?	• Set the temperature lower.
	• Did you wait for 12 hours after installation of the water supply line before making ice?	
You can hear water bubbling in the refrigerator	• The bubbling comes from the refrigerant circulating in the refrigerator and is normal.	• Normal state
There is a bad smell in the refrigerator	• Wrap strong smelling food so that it is airtight. Throw away any rotten food.	
Frost forms on the wall of the freezer		• Allow sufficient space between stored food for efficient air circulation.
	• Is the air vent blocked?	
	• Is the door closed properly?	
No water is supplied	• Is the water pipe connected and the shut-off valve open?	
	• Is the water supply pipe crushed?	
	• Is the water tank frozen because the refrigerator temperature is too low? Select a warmer setting on the display panel.	

9. REFERENCE INFORMATION

Problem	Possible Causes	What To Do
Small or hollow cubes	Water filter clogged.	• Replace filter cartridge with new cartridge or with plug.
Slow ice cube freezing	Door left open.	• Check to see if package is holding door open.
	Temperature control not set cold enough.	• See about the controls.
Orange glow in the freezer	Defrost heater is on.	• This is normal.
Cube dispenser does not work (on some models)	Icemaker turned off or water supply turned off.	• Turn on icemaker or water supply.
	Ice cubes are frozen to icemaker feeler arm.	• Remove cubes and move the feeler arm to the ON position.
	Irregular ice clumps in storage container.	• Break up with fingertip pressure and discard remaining clumps. • Freezer may be too warm. Adjust the freezer control to a colder setting, one position at a time, until clumps do not form.
	Dispenser is LOCKED.	• Press and hold the CHILD LOCK for 3 seconds.
Water has poor taste/odor (on some models)	Water dispenser has not been used for a long time.	• Dispense water until all water in system is replenished.
Water in first glass is warm (on some models)	Normal when refrigerator is first installed.	• Wait 24 hours for the refrigerator to completely cool down.
	Water dispenser has not been used for a long time.	• Dispense water until all water in system is replenished.
	Water system has been drained.	• Allow several hours for replenished supply to chill.
Water dispenser does not work (on some models)	Water supply line turned off or not connected.	• See Installing the water line.
	Water filter clogged.	• Replace filter cartridge or remove filter and install plug.
	Air may be trapped in the water system.	• Press the dispenser arm for at least two minutes.
	Dispenser is LOCKED.	• Press and hold the CHILD LOCK pad for 3 seconds.
Water spurting from dispenser (on some models) Water is not dispensed (on some models) but icemaker is working	Newly-installed filter cartridge.	• Run water from the dispenser for 3 minutes (about one and a half gallons).
	Water in reservoir is frozen.	• Call for service.
	Refrigerator control setting is too cold.	• Set to a warmer setting.
	Ice cubes stuck in icemaker. (Green power Lighting on icemaker blinking).	• Turn off the icemaker, remove cubes, and turn the icemaker back on.
Water on kitchen floor or on bottom of freezer	Drain in the bottom of the freezer clogged.	• See Care and cleaning. • Check the lock of filter.
	Cubes jammed in chute.	• Poke ice through with a wooden spoon.
No water or ice cube production	Supply line or shutoff valve is clogged.	• Call a plumber.
	Water filter clogged.	• Replace filter cartridge or remove filter and install plug.
	Dispenser is LOCKED.	• Press and hold the CHILD LOCK pad for 3 seconds.



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