

# 1.1 Specifications

MODEL	NR-B472TZ-S5
<b>SPECIFICATIONS</b>	
Storage Capacity	448 L (PC : 338 L,FC : 110 L)
Gross Capacity	468 L (PC : 356 L,FC : 112 L)
Outside dimensions	
Width	697 mm
Depth	754 mm
Height	1828 mm
Net weight	72 kg
Type	Frost-free refrigerator
Temperature control	Micro-computer control (FC : FCC sensor) / Full-automatic direct control (PC : Damper thermo.)
Defrosting	Full-automatic control Start : micro-computer ; Finish : Defrost sensor
Defrost water disposal	Full-automatic (Forcible evaporated into the air)
Exterior finish	Polyester coated finish
Inner liner	Vacuum formed ABS resin
Insulation	Polyurethane foam (cabinet & door)
Power source	110 V / 60 Hz , 110 V / 50 Hz , 120 V / 60 Hz , 120 V / 50 Hz
<b>SEALED UNIT</b>	
Compressor	EF1100E13DGH
(Winding Resistance measured at 20°C )	(U-W) 8.44 Ω (U-V) 8.44 Ω (V-W) 8.44 Ω
Evaporator	Fin tube type
Condenser	Wrapper type (Consealed condenser)
Refrigerant charge	R600a , 60g
Oil charge	215ml
<b>ELECTRIC PARTS</b>	
Overload protector	MM3-71CCQ
FCC Sensor	R-20 19.09 KΩ B:3850K
DEF. Sensor	R13 3.4338 KΩ B:3850K
Fan motor	4515JL-09W-B36-GF6
Fuse	E4A00072C , 250V / 10A / 72°C or SF70E,250V / 10A / 73°C
Defrost heater	127V/180W/ 89.6 Ω
PC damper thermo.	SD-0306
LED Lamp	d.c 12V / 1.5 W
Door switch (PC)	125 V / 5 A , 250 V / 2.5 A

## 1.2 Specifications

MODEL	NR-B412TZ-S5
<b>SPECIFICATIONS</b>	
Storage Capacity	388 L (PC : 278 L,FC : 110 L)
Gross Capacity	408 L (PC : 296 L,FC : 112 L)
Outside dimensions	
Width	697 mm
Depth	754 mm
Height	1646 mm
Net weight	65 kg
Type	Frost-free refrigerator
Temperature control	Micro-computer control (FC : FCC sensor) / Full-automatic direct control (PC : Damper thermo.)
Defrosting	Full-automatic control Start : micro-computer ; Finish : Defrost sensor
Defrost water disposal	Full-automatic (Forcible evaporated into the air)
Exterior finish	Polyester coated finish
Inner liner	Vacuum formed ABS resin
Insulation	Polyurethane foam (cabinet & door)
Power source	110 V / 60 Hz , 110 V / 50 Hz , 120 V / 60 Hz , 120 V / 50 Hz
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Defrost heater	127V/180W/ 89.6 Ω
PC damper thermo.	SD-0306
Lamp bulb	d.c 12V / 1.5 W
Door switch (PC)	125 V / 5 A , 250 V / 2.5 A

# 1.3 TEMPERATURE CHARACTERISTIC

## TEMPERATURE OF EACH COMPARTMENT,COMPRESSOR RUNNING RATIO

Temperature Adjutment	FREEZER COMPARTMENT	MIN	MED	MAX
	REFRIGERATOR COMPARTMENT	1	MED	7
Freezer compartment (FC) Temp.(degree)		-16.0	-18.0	-20.0
Refrigerator compartment (PC) Temp.(degree)		5.0	4.0	0.0
Fine Fresh room (FF) Temp.(degree)		3.5	1.0	-1.0
Compressor running ratio (%)		63.0%	65.0%	68.0%

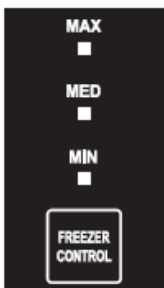
### (CONDITION)

Atmosphere Temperature : 32 degree

NO LOAD (NO FOODS), NO DOOR OPEN AND CLOSE

These indicating temperature is stable condition. (Approximately)

### Control de Temperatura del Congelador / Temperature control of the freezer



La temperatura se puede ajustar según los niveles MIN-MED-MAX indicando la operación y el nivel de enfriamiento correspondiente.

The temperature can be adjusted for MIN-MED-MAX, levels indicating operation and cool level.

MIN Indica una temperatura mayor entre -17°C ~ -20°C. / Indicates a higher temperature between -17°C ~ -20°C

MAX Indica una temperatura menor entre -21°C ~ -23°C. / Indicates a lower temperature between -21°C ~ -23°C

• La temperatura para el compartimiento del congelador se puede ajustar en nueve niveles distintos, visualizados por los indicadores MIN-MED-MAX como se describe en la siguiente tabla.

1. Fije el nivel "MIN" con el botón "FREEZER CONTROL".
2. Presione por 10 segundo el botón "FREEZER CONTROL".
3. Fije el nivel deseado presionando el botón "FREEZER CONTROL".  
Para cambiar el nivel, repita los pasos 1.2 y 3.

• The temperature for freezer compartment can be set in Nine steps, more detailed than as "MIN" and "MED" and "MAX" as show in the table.

1. Set "MIN" with the "FREEZER CONTROL" button.
2. Press the "FREEZER CONTROL" button (for 10 Seconds).
3. Set by pressing the "FREEZER CONTROL" button.  
To reset the setting, repeat steps 1, 2 and 3.

Niveles de Enfriamiento Cooling Level	Indicación de las luces LED utilizando el botón "FREEZER CONTROL". LED display at "FREEZER CONTROL" button		
	MIN	MED	MAX
Mínimo / Minimum ↓	●	—	—
	●	○	—
	●	●	—
Medio / Middle ↓	○	●	—
	—	●	—
	—	●	○
Máximo / Maximum	—	○	●
	—	●	●
	●	●	●

● Encendido ○ Parpadeando / ● Lighting ○ Blinking

# 2.Introduction

## FUNCTION OF ELECTRONIC CONTROL

### 2.1 FREEZER TEMPERATURE CONTROL

It actuates the compressor, FC fan motor ,and cooling system switch according to temperature variation in the freezer compartment. And atmosphere temperature by processing the input from, FC temperature sensor and adjustment of temperature control.

### 2.2 COMPRESSOR ROTATION SPEED CONTROL

According to changing inside temperature,the motor runs in the difference speed. In normal, the motor run in the low speed. (Energy saving & lower noise.)

When powerful cooling is required, motor run in rapid speed.

CONDITION	NR-B472TZ ROTATION SPEED(rps)
When to plug in	42
Quick freezing	42 ∙ 71
Normal operation	32 ∙ 36 ∙ 42 ∙ 52 ∙ 58 ∙ 71

### 2.3 QUICK FREEZING FUNCTION

Press "QUICK FREEZING"button , and then quick function starts and LED sign comes on.

It actuates the compressor continuously for certain period regardless of compartment temperature, by processing the input from AT temperature sensor. (AT temperature : Atmosphere temperature)

ATC	NR-B472TZ continuous run
under than 18°C	60 minutes/42rps
More than 19°C	150 minutes/71rps

※When the blue light is blinking after pressing the "QUICK FREEZING" button, the function of quick freezing is waiting .The situation of refrigerator is processing as below:

- a.The refrigerator is defrosting .
- b.The compressor is stopped,because temperature of the freezing compartment reaches setting of temperature. When the above situation is solved , quick- freeze will be started automatically,then the "QUICK FREEZING" light bright is on.

### 2.4 FC DEFROSTING CONTROL

Cumulating the compressor running time of certain period or time after defrosting according to AT temperature, FC defrosting cycle starts. (AT temperature : Atmosphere temperature)

Termination is detected by defrost sensor ,but maximum defrosting time is 60 minutes (Defrosting forcibly stops).

Accumulating time for defrosting	
Compressor protection(IPD)	15 hours
initially starts	4 hours
Power Interruption	Continue cycle

ATC	After defrosting	Accumulation of compressor run time
under than 22°C	13 hours	—
More than 33°C	—	8 hours

## **2.5 WAITING CONTROL FOR COMPRESSOR RE-STARTING**

To re-start the compressor smoothly after compressor stops and after defrosting, it does not actuate the compressor for certain period.

Waiting time for compressor starting	
10 minutes	After compressor stops
3 minutes	After defrosting

### **Caution**

At once unplug, wait for 10 minutes, then plug in.

## **2.6 FAN MOTOR CONTROL IN FREEZER COMPARTMENT**

The fan motor (near FC evaporator )is controlled under below condition.  
compartment is closed. Rotation speed changes on 3 degree according to atmosphere temperature and refrigerator compartment.

## **2.7 PROTECTION OF INVERTER CIRCUIT**

When supply voltage drops, IPM protection operates, and compressor protection operates continuously, compressor stops at the moment and indicates code "H41".

CODE	Operation PCB Display
H41	"MAX"LED: light off "MED"LED: light on "MIN"LED: light on "QUICK FREEZING" LED: light off

## **2.8 DOOR ALARM**

When the door of refrigerator compartment is opened after 5 minute , "QUICK FREEZING" light is red.  
"QUICK FREEZING" light is off, when the door of refrigerator compartment is closed.

DOOR OPENING	Buzzer sounds
after 1 minute	Pee,Pee
after 3 minutes	Pee,Pee,Pee,Pee
after 5 minutes	Pee,Pee,Pee,.....

## **2.9 SELF DIAGNOSIS FUNCTION**

If the unit have any problem ,the sign is appeared on LED.  
(When "QUICK FREEZING" LED indicate red bright. Press "QUICK FREEZING" + "FREEZER CONTROL" both buttons 9~13 sec plus than going into SELF DIAGNOSIS FUNCTION.)

(Example:Code "H07")

CODE	Operation PCB Display
H07	"MAX"LED: light off "MED"LED: light on "MIN"LED: light off "QUICK FREEZING" LED: light off

## **2.10 AUTO ROOM LED LIGHTS OFF**

If PC door opens for 1 hour, room led lights automatically comes off.  
Once closing PC door, this function is reset.

### 3. Operation Instructions

#### SELF DIAGNOSIS FUNCTION

\*When "QUICK FREEZING" LED indicate red bright.

Press "QUICK FREEZING" + "FREEZER CONTROL" both buttons 9~13 sec plus than going into SELF DIAGNOSIS FUNCTION.

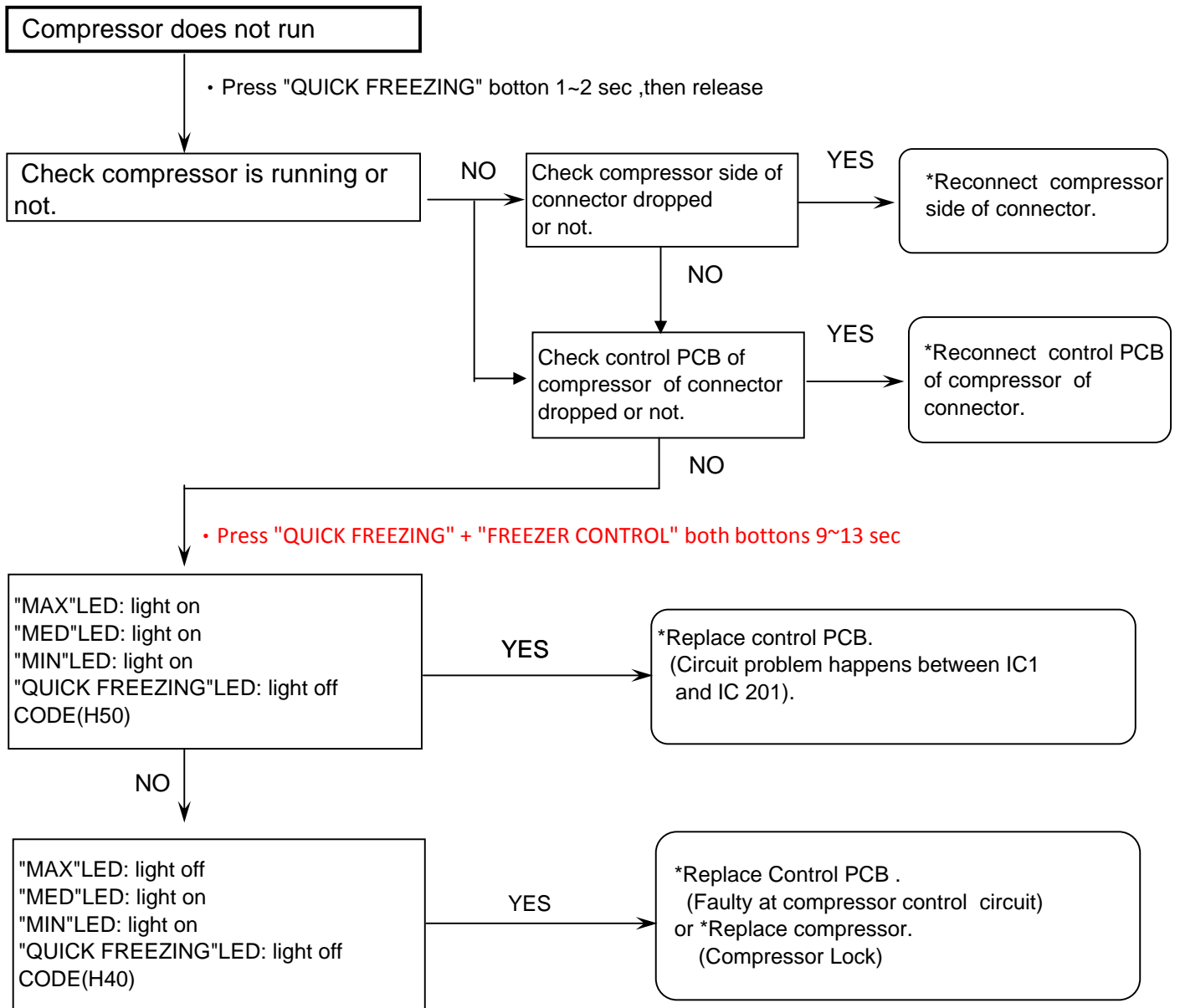
No	CODE	Operation PCB Display	Content	Symptom	Confirm point	Solve
1	U10	"MAX"LED: light off "MED"LED: light off "MIN"LED: light off "QUICK FREEZING" LED : light on	Door opened alarm.	Refrigerator have not cooling	1.The door of refrigerator compartment is opened. 2.Door switch is breakdown. 3.Control PCB is breakdown.	1.Close the refrigerator compartment door 2.Replace door switch 3.Replace Control PCB
2	H01	"MAX"LED: light off "MED"LED: light off "MIN"LED: light on "QUICK FREEZING" LED : light off	Freezer compartment of sensor was open circuit.	Compressor is stopped. Refrigerator have not cooling at all.	1.Check freezer compartment of sensor. 2.Check Control PCB of connector. 3.Control PCB is breakdown.	1.Replace freezer compartment of sensor. 2.Replace Control PCB. 3.Replace Control PCB.
			Freezer compartment of sensor was short circuit.	Compressor is running all the time. Refrigerator is over cooling at all.		
			Freezer compartment of sensor put error of position	Refrigerator have not cooling at all,or over cooling at all.		
3	H05	"MAX"LED: light off "MED"LED: light off "MIN"LED: light on "QUICK FREEZING" LED : light on	Defrost of sensor was open circuit.	Thermal fuse was cut off in freezer compartment	1.Check defrost of sensor. 2.Check Control PCB of connector. 3.Control PCB is breakdown.	1.Replace defrost of sensor. 2.Replace Control PCB. 3.Replace Control PCB.
			Defrost of sensor was short circuit.	The refrigerator have not defrosting .		
			Defrost of sensor put error of position	Evaporator have over frost Refrigerator have not cooling at all.		
4	H07	"MAX"LED: light off "MED"LED: light on "MIN"LED: light off "QUICK FREEZING" LED : light off	ATC of sensor was open circuit*.	Refrigerator is over cooling at all.	1.Check ATC of sensor. 2.Check Control PCB of connector. 3.Control PCB is breakdown.	1.Replace defrost of sensor. 2.Replace Control PCB. 3.Replace Control PCB.
			ATC of sensor was short circuit*.	Refrigerator have not cooling at all.		
5	H31	"MAX"LED: light on "MED"LED: light on "MIN"LED: light on "QUICK FREEZING" LED : light on	Freezer compartment defrost abnormal	Refrigerator have not defrosting.	1.Check defroster of heater. 2.Check Control PCB of connector. 3.Control PCB is breakdown. 4.Thermal fuse was cut off in freezer compartment.	1.Replace defroster of heater 2.Replace Control PCB. 3.Replace Control PCB.

\*ATC sensor is to measure atmosphere temperature . ATC sensor put on operation board.

No	CODE	Operation PCB Display	Content	Symptom	Confirm point	Solve
8	H40	"MAX"LED: light off "MED"LED: light on "MIN"LED: light on "QUICK FREEZING" LED : light off	Protection of IPM for compressor lock	1. "QUICK FREEZING" LED indicate red bright.	1.Control PCB is breakdown.	1.Replace Control PCB.
9	H50	"MAX"LED: light on "MED"LED: light on "MIN"LED: light on "QUICK FREEZING" LED : light off	Control PCB of communication is abnormal.	1. "QUICK FREEZING" LED indicate red bright.	1.Control PCB is breakdown.	1.Replace Control PCB.
10	H35	"MAX"LED: light on "MED"LED: light off "MIN"LED: light on "QUICK FREEZING" LED : light off	Control PCB is abnormal. (DFC of sensor less than -41℃)	1. "QUICK FREEZING" LED indicate red bright. 2. Refrigerator have not cooling.	1.Control PCB is breakdown. 2.Check DFC of sensor.	1.Replace Control PCB. 2.Replace DFC of sensor
11	H36	"MAX"LED: light on "MED"LED: light off "MIN"LED: light on "QUICK FREEZING" LED : light on	Control PCB is abnormal. (DFC of sensor more than 41℃)	1. "QUICK FREEZING" LED indicate red bright. 2. Refrigerator have over cooling.	1.Control PCB is breakdown. 2.Check DFC of sensor.	1.Replace Control PCB. 2.Replace DFC of sensor
12	H64	"MAX"LED: light on "MED"LED: light on "MIN"LED: light off "QUICK FREEZING" LED : light on	Ambient brightness sensor was open circuit. Ambient brightness sensor was short circuit.		1.Check Ambient brightness 2.Check Control PCB of connector.	1.Replace Control PCB.

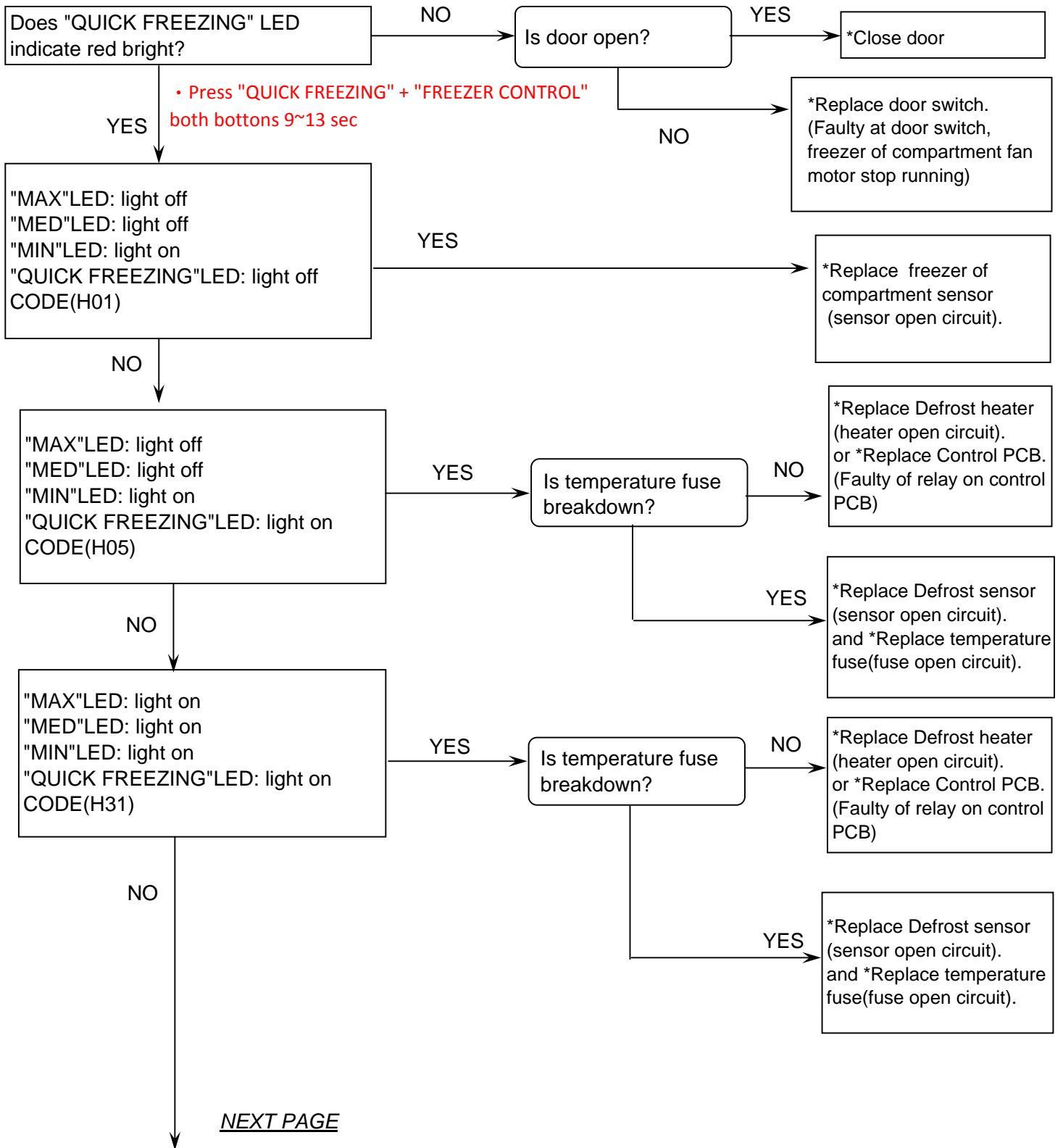
# 4. Troubleshooting Guide

## 4.1 Symptom 1. Refrigerator have not cooling at all.

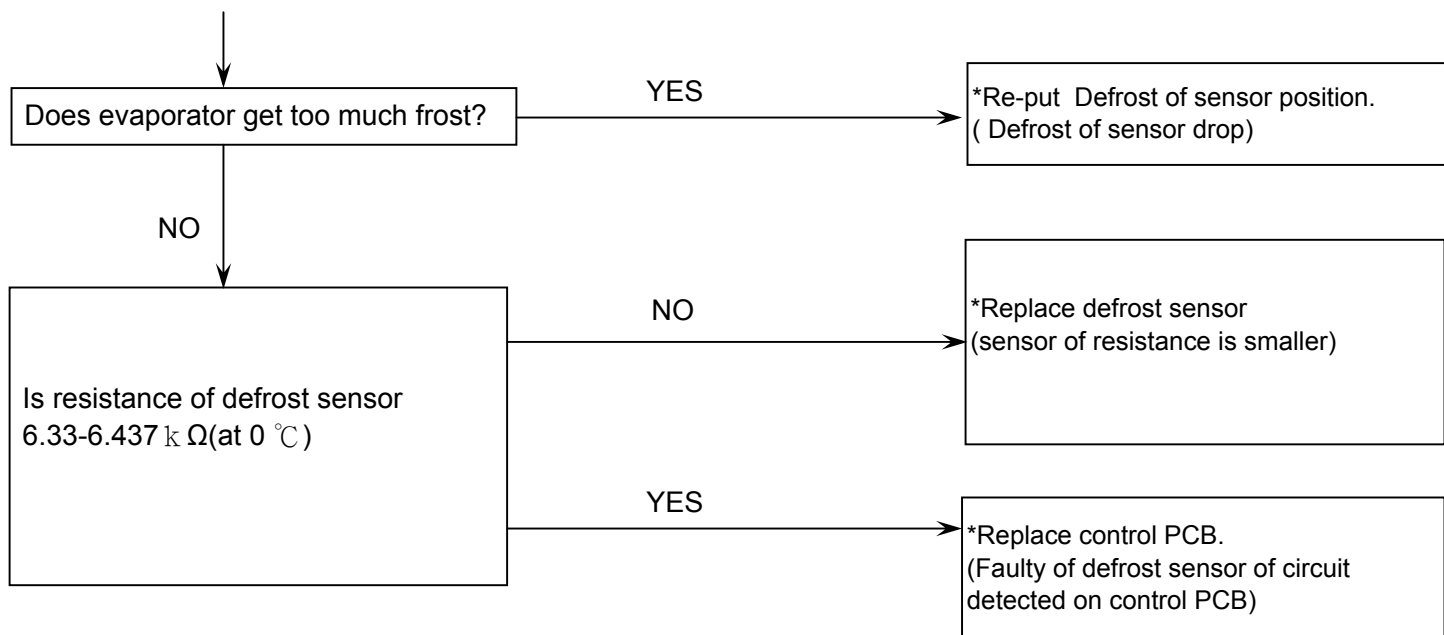




## 4.2 Symptom 2. poor cooling.



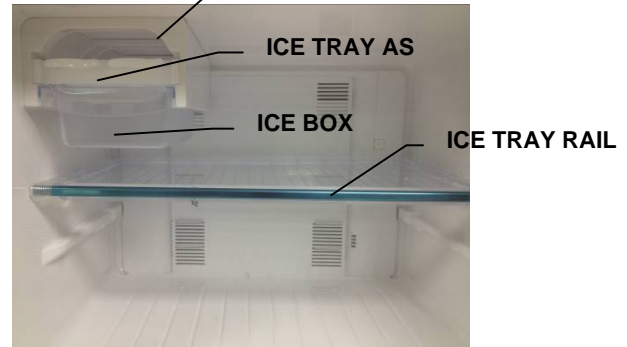
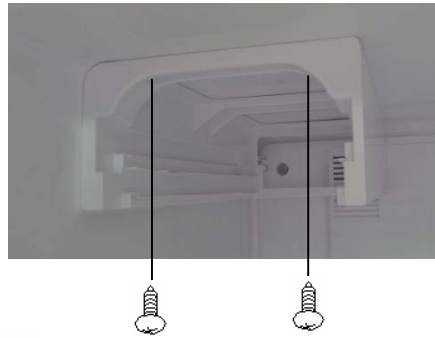
### 4.3 Symptom 2. FC/PC are poor cooling.



# 5. Disassembly and Assmby Instructions

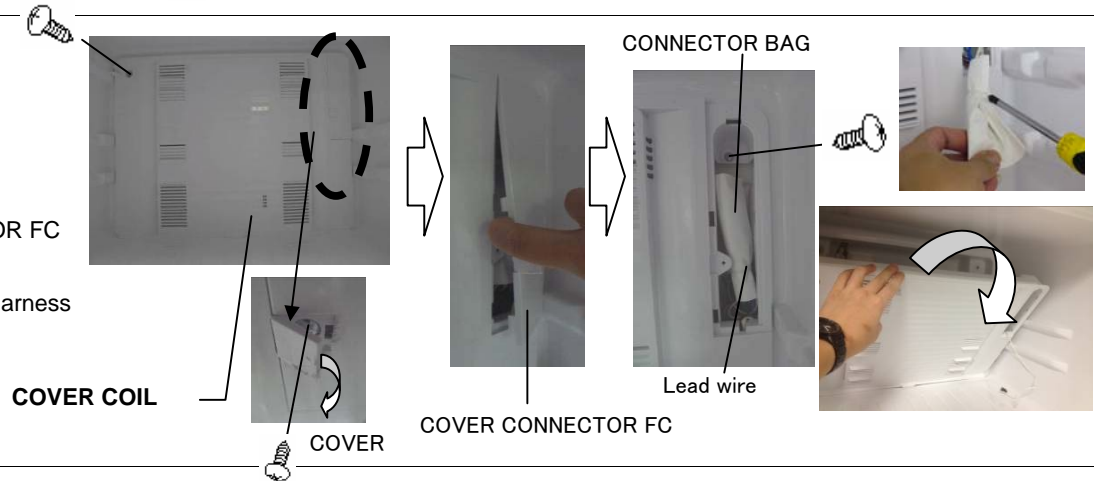
## 5.1 ICE TRAY RAIL

- Take out the CRYSTAL SHELF FC
- Take out the ICE BOX
- Take out the ICE TRAY AS.
- Remove the screw ( 2 pcs)
- Remove the ICE TRAY RAIL



## 5.2 COVER COIL

- Remove the COVER like right figure show
- Remove the screw ( 2 pcs)
- Remove the COVER CONNECTOR FC
- Remove the screw ( 1 pcs)
- Disconnect all the connector of harness
- Remove the COVER COIL



## 5.3 DC FAN MOTOR

- Remove the COVER COIL
- Remove the DC FAN MOTOR

### To replace the DC fan motor

- Insert the DC fan motor case into the COVER COIL BACK
- Connect the terminal.



## 5.4 FCC SENSOR

- Remove the screw ( 1 pcs ) and remove the Al tape
- Disassembly the hook around side
- Disassembly the COVER COIL FRONT and COVER COIL BACK
- Remove the FCC SENSOR

### To replace the FCC SENSOR

- FCC SENSOR should be hooked in plate.



·Remove the Al tape

## 5.5 DEFROST HEATER

- Remove the cover coil as.
- Remove the lead wire .
- Disconnect both side connector of heater lead wire .
- Lifting the evaporator at right gradually, pull it toward you.
- Remove the DEFROST HEATER.

### NOTE :

Special care should be taken not to twist and break the pipe.

CONNECTOR

CONNECTOR

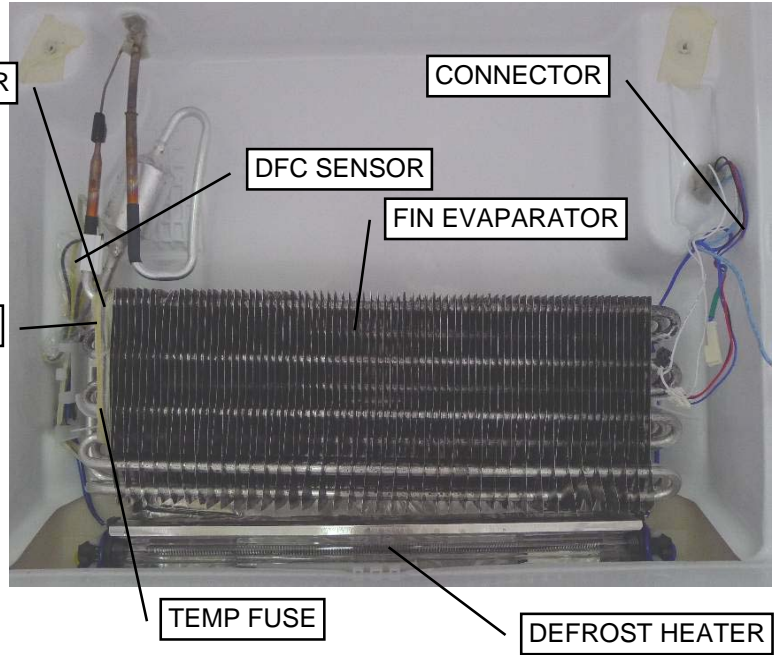
DFC SENSOR

FIN EVAPARATOR

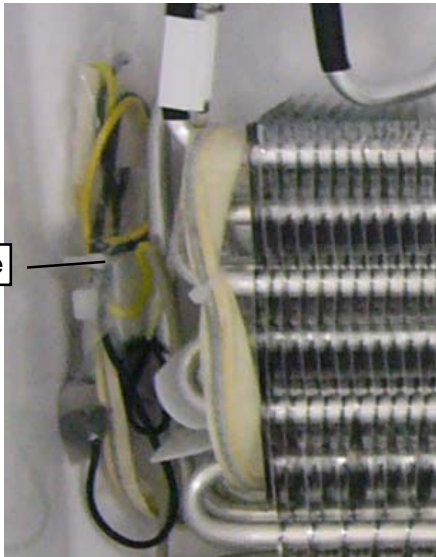
Lead wire

TEMP FUSE

DEFROST HEATER

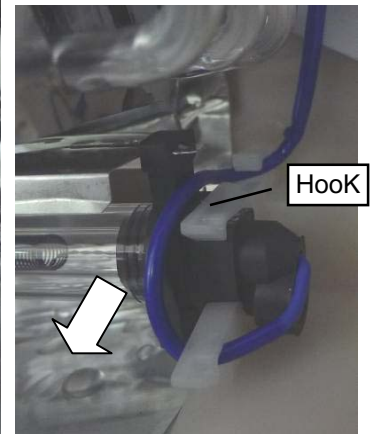
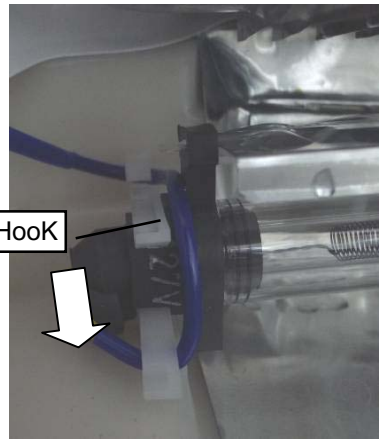


Lead wire



Hook

Hook

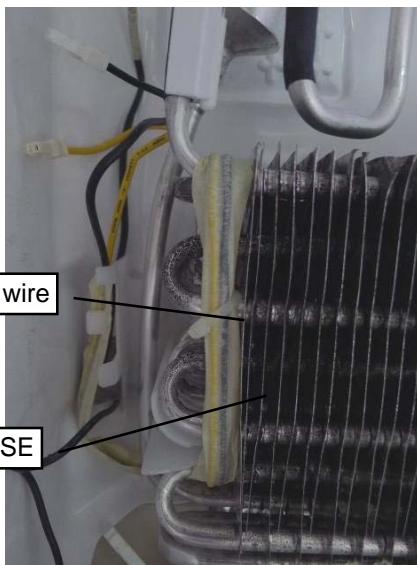


## 5.6 TEMP FUSE & DFC SENSOR

- Remove the Lead wire
- Disconnect the connector of TEMP FUSE.
- Remove the TEMP FUSE.

Lead wire

TEMP FUSE



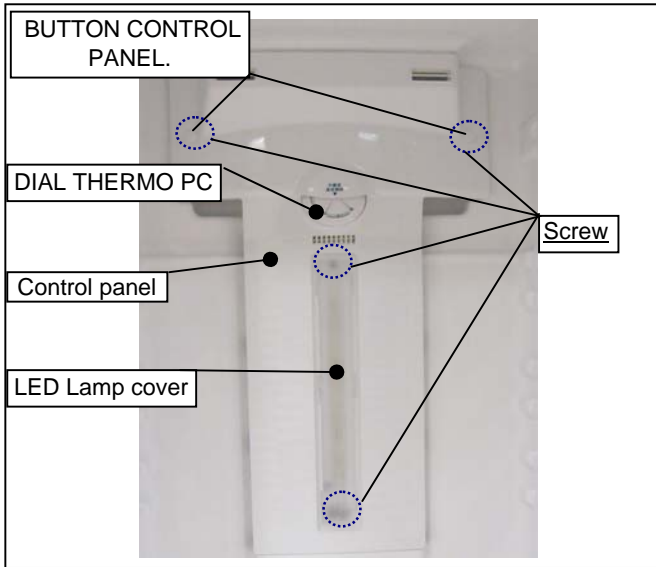
DFC SENSOR



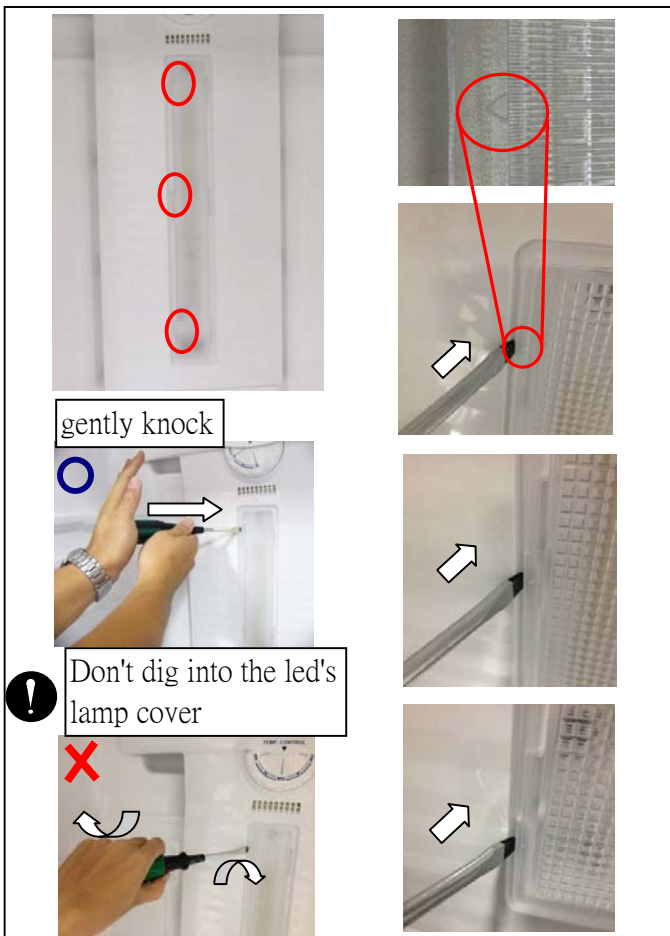
### To replace the DFC SENSOR

- DFC SENSOR should be hooked in plate.

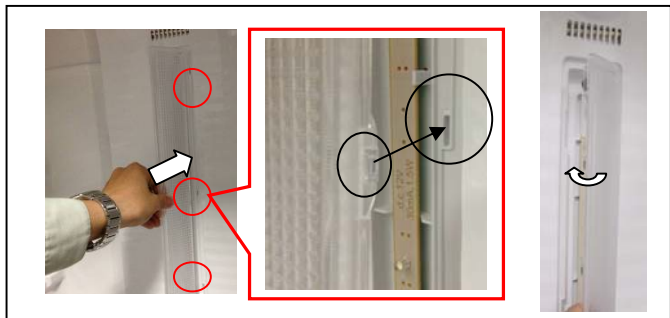
## 5.7 LED COVER & LED LAMP PCB



- Use a slotted screwdriver to unhook the LED lamp cover



- LED lamp cover Assembly

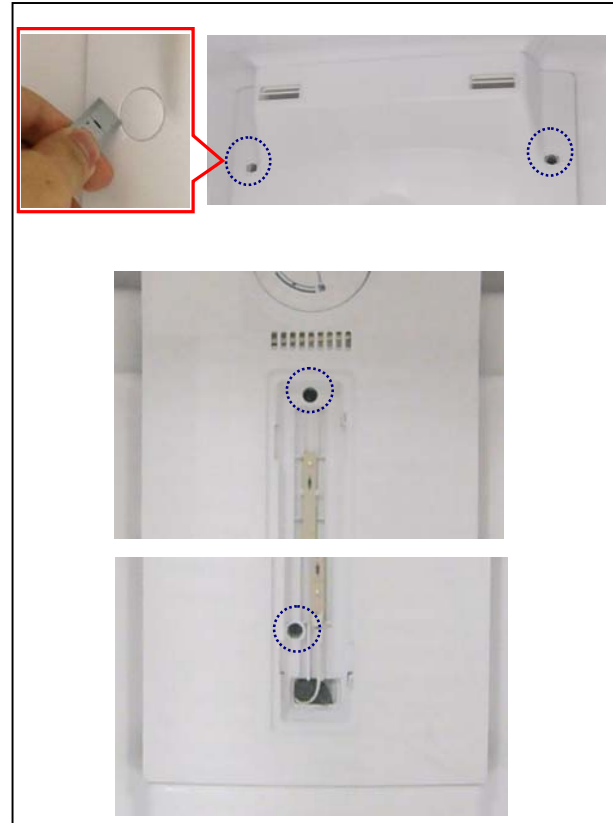


## 5.8 CONTROL PANEL PC

- Remove the LED pcb connector



- Remove the screw(4pcs).



- Take the control panel AS.

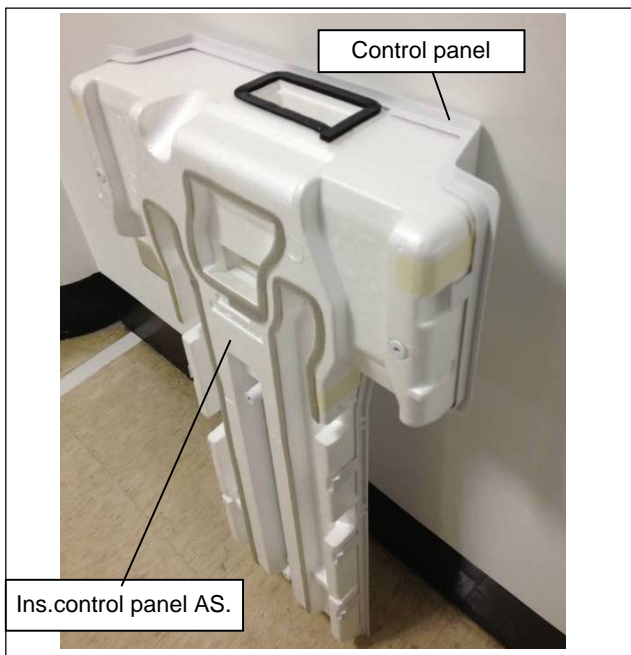


## 5.9 DAMPER THERMOSTAT

- Remove Control panel and pull out the



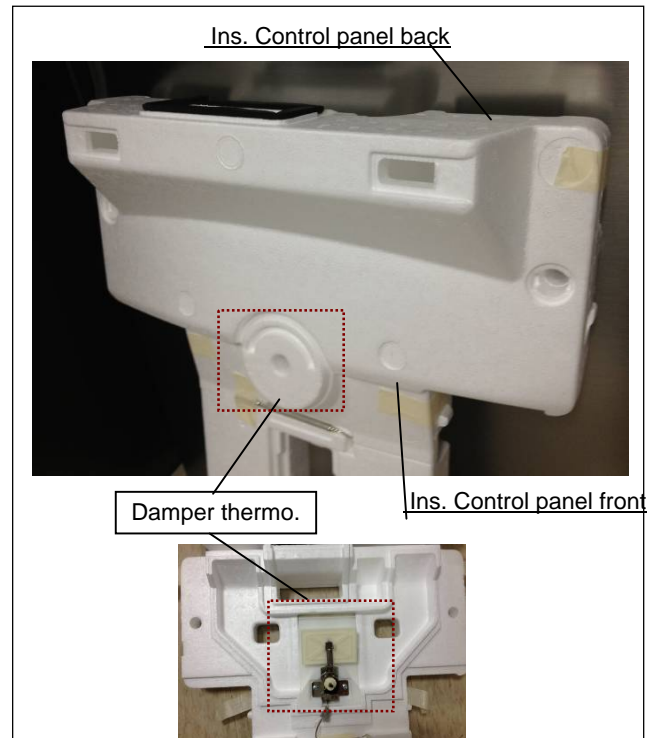
- Disconnect the terminal.
- Disconnect the ins. control panel AS. & control panel.



- Remove the thermostat dial.



- Tear off the tapes on insulation.
- Open the insulation from the front side pull the upper portion.
- Remove the damper thermostat from insulation.

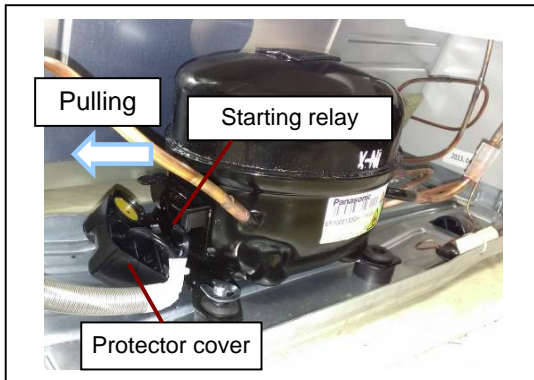


### To replace damper thermo.

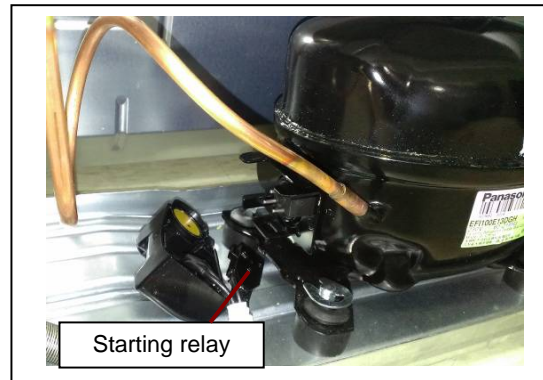
- Sealing dial should be put in place.
- Seal the gap between the front insulation and the back insulation by putting tape.
- Hook the sensor bulb in place.

## 5.10 STARTING RELAY & OVERLOAD PROTECTOR

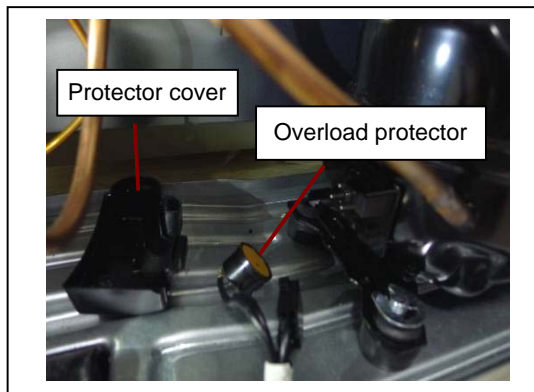
- Pull the protector cover leftwards to remove.



- Pull the starting relay leftwards to remove.



- Pull out the overload protector.



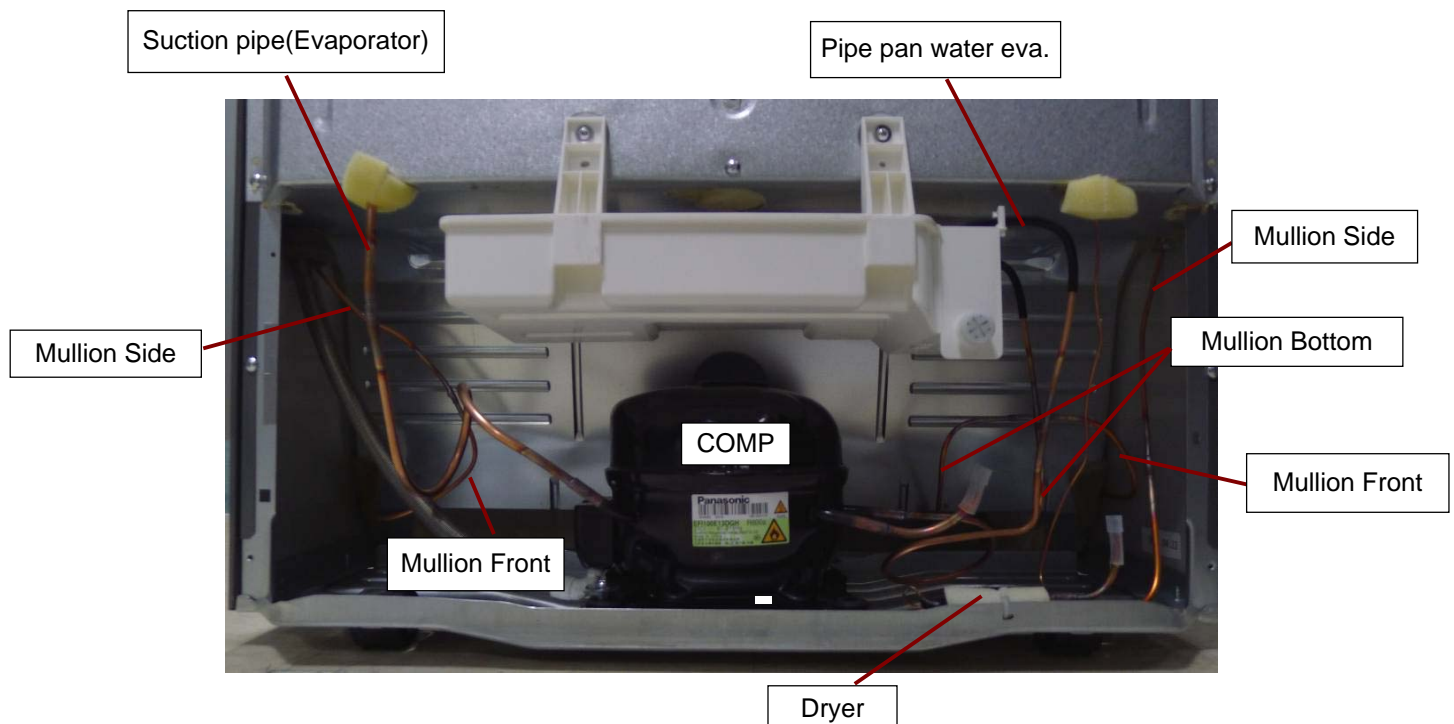
### To replace starting relay

- Insert the starting relay into comp. pin.
- Install the overload protector into protector cover.
- Pushing the protector cover into comp.

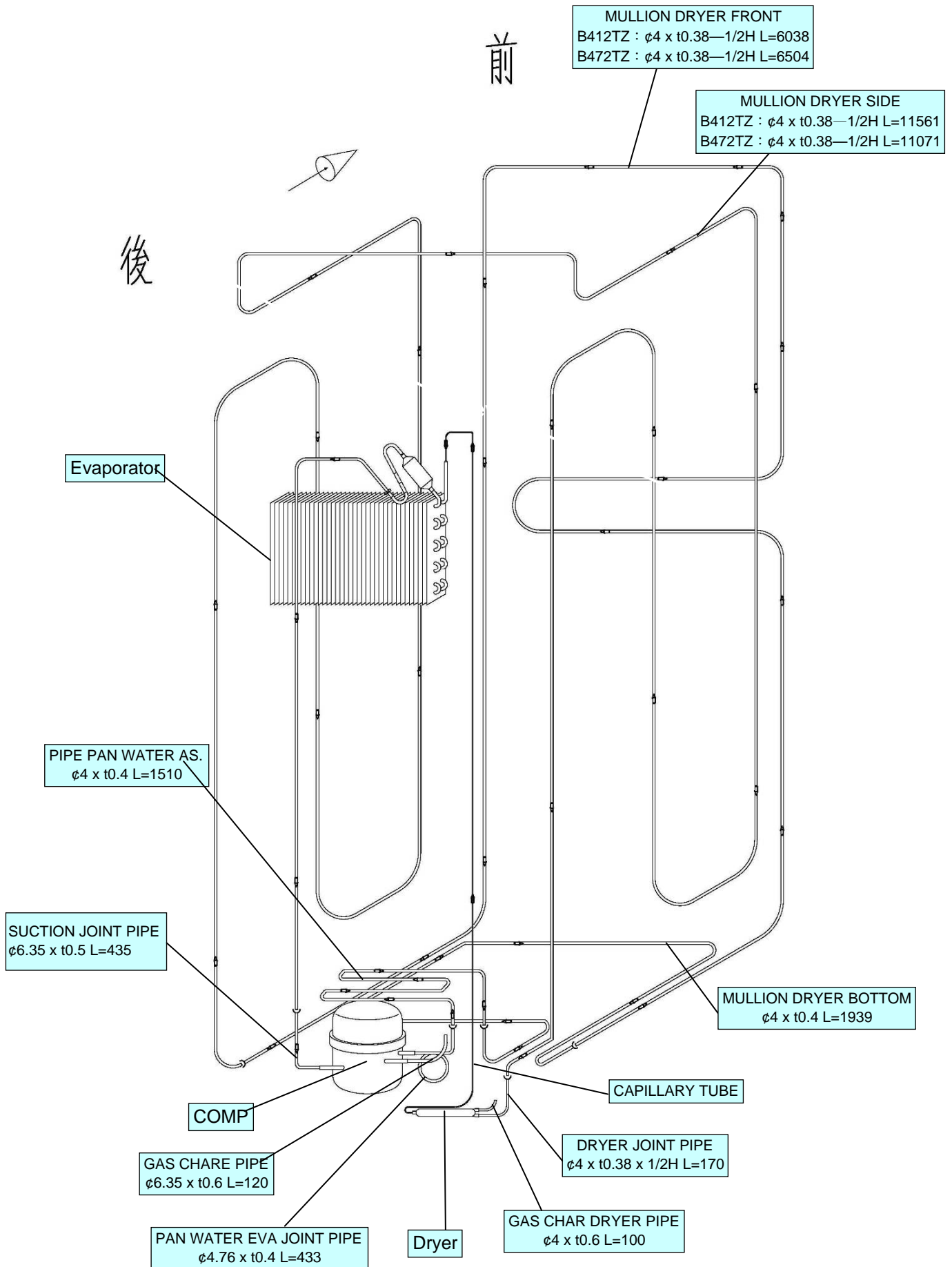


## REFRIGERANT FLOW DIAGRAM

- Refrigerant flows in the refrigerating units as shown in the figure.
- Number in the figure of " PIPE LAYOUT " corresponds to number in the refrigerant flow diagram.

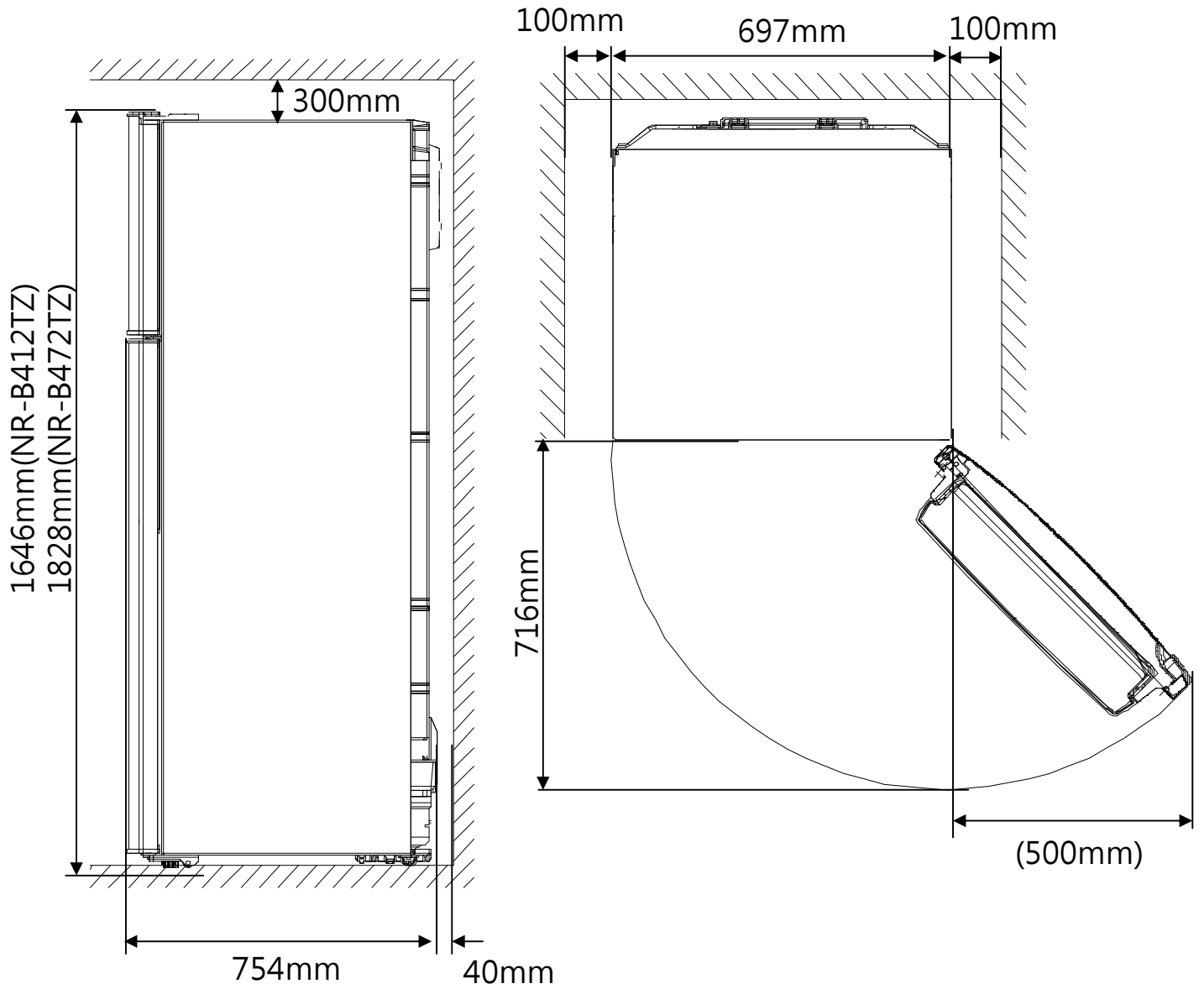


# 5.11 Refrigeration system diagram

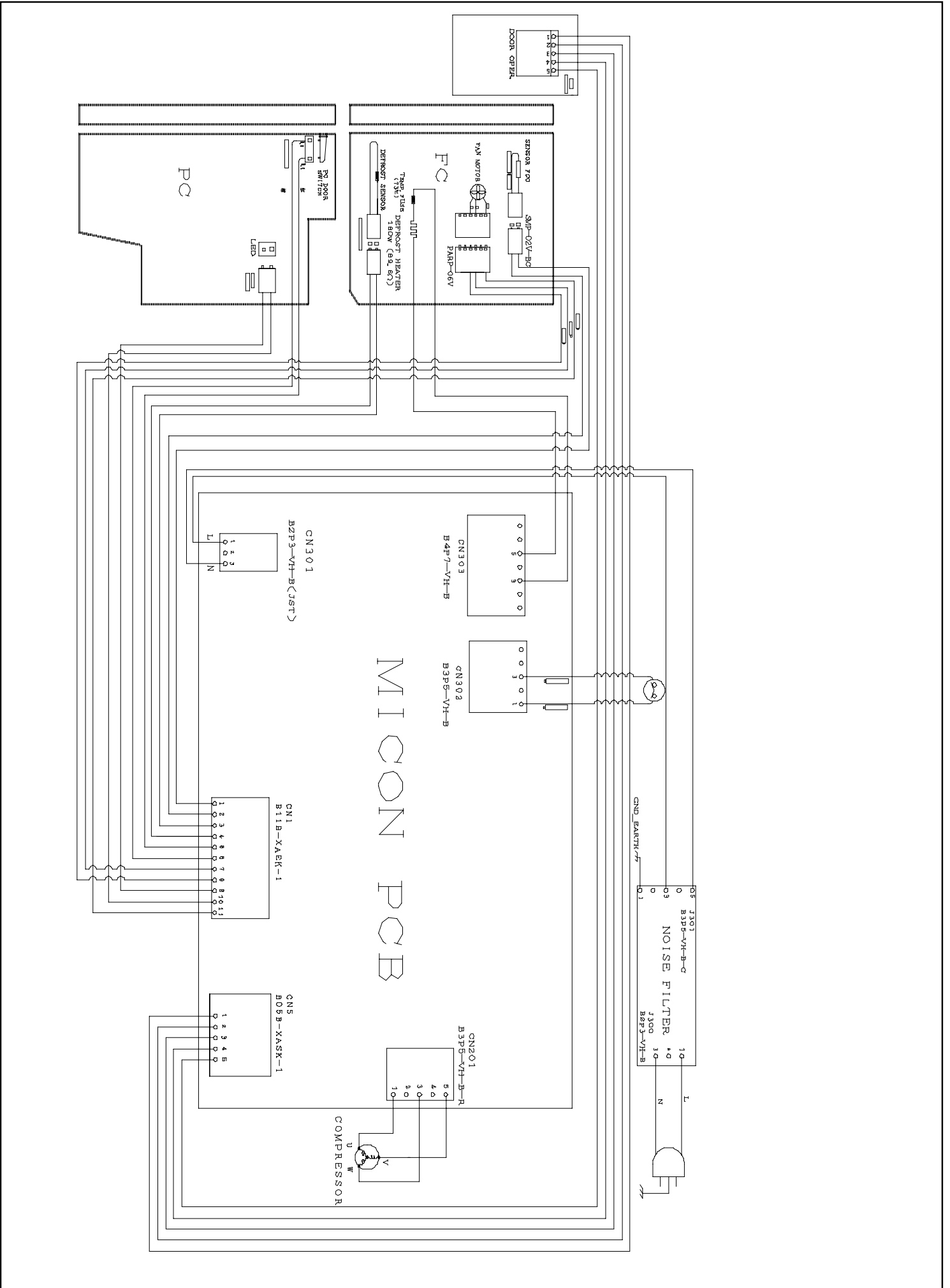




## 6. Installation Dimensions



# 7. Wiring Connection Diagram



# 8. Schematic Diagram

## DIAGRAMA ELÉCTRICO / WIRING DIAGRAM

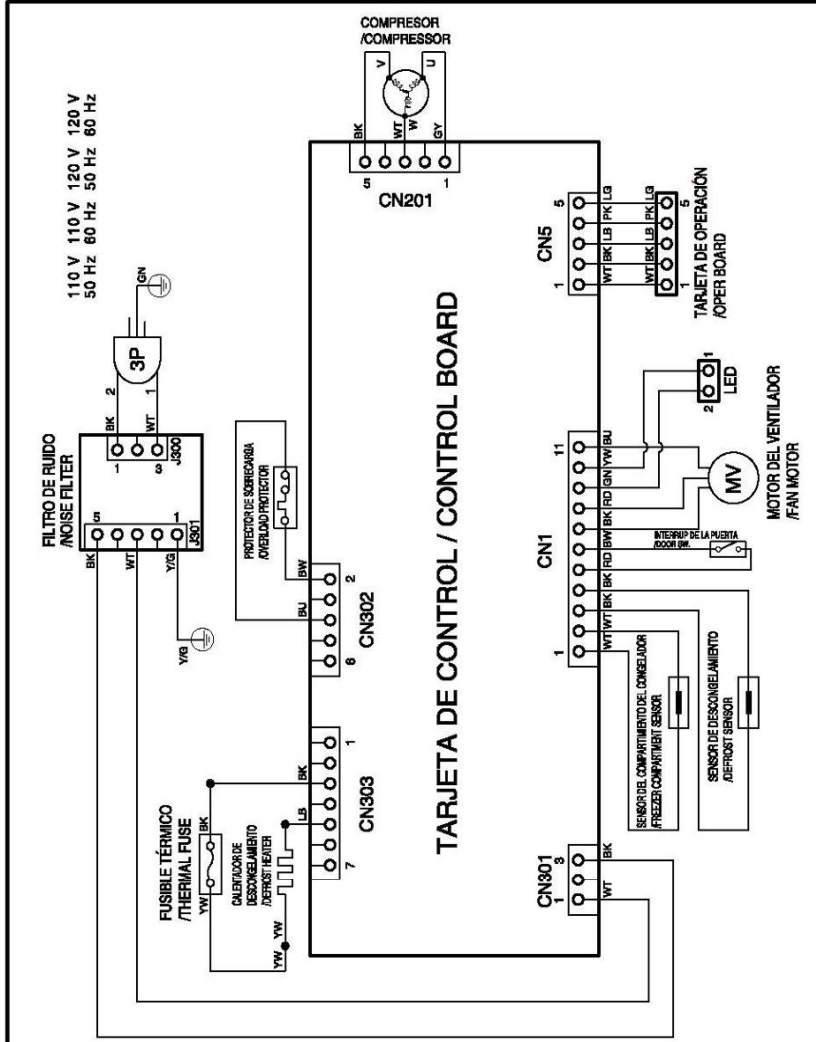
- BK – NEGRO/BLACK
- WT – BLANCO/WHITE
- RD – ROJO/RED
- OR – ANARANJADO /ORANGE
- LB – AZUL CLARO /LIGHT BLUE
- BU – AZUL/BLUE
- YW – AMARILLO/YELLOW
- GY – GRIS/GRAY
- LG – VERDE CLARO /LIGHT GREEN
- PK – ROSA/PINK
- B/E – NEGRO/BLANCO /BLACK/WHITE
- W/B – BLANCO/NEGRO /WHITE/BLACK
- Y/G – AMARILLO/VERDE /YELLOW/GREEN
- BW – MARRÓN/BROWN
- GN – VERDE/GREEN

## PRECAUCIÓN WARNING

El sistema está cargado con gas refrigerante R-600a. Al sustituir el compresor y/o el secador utilice aquellos diseñados para R-600a.

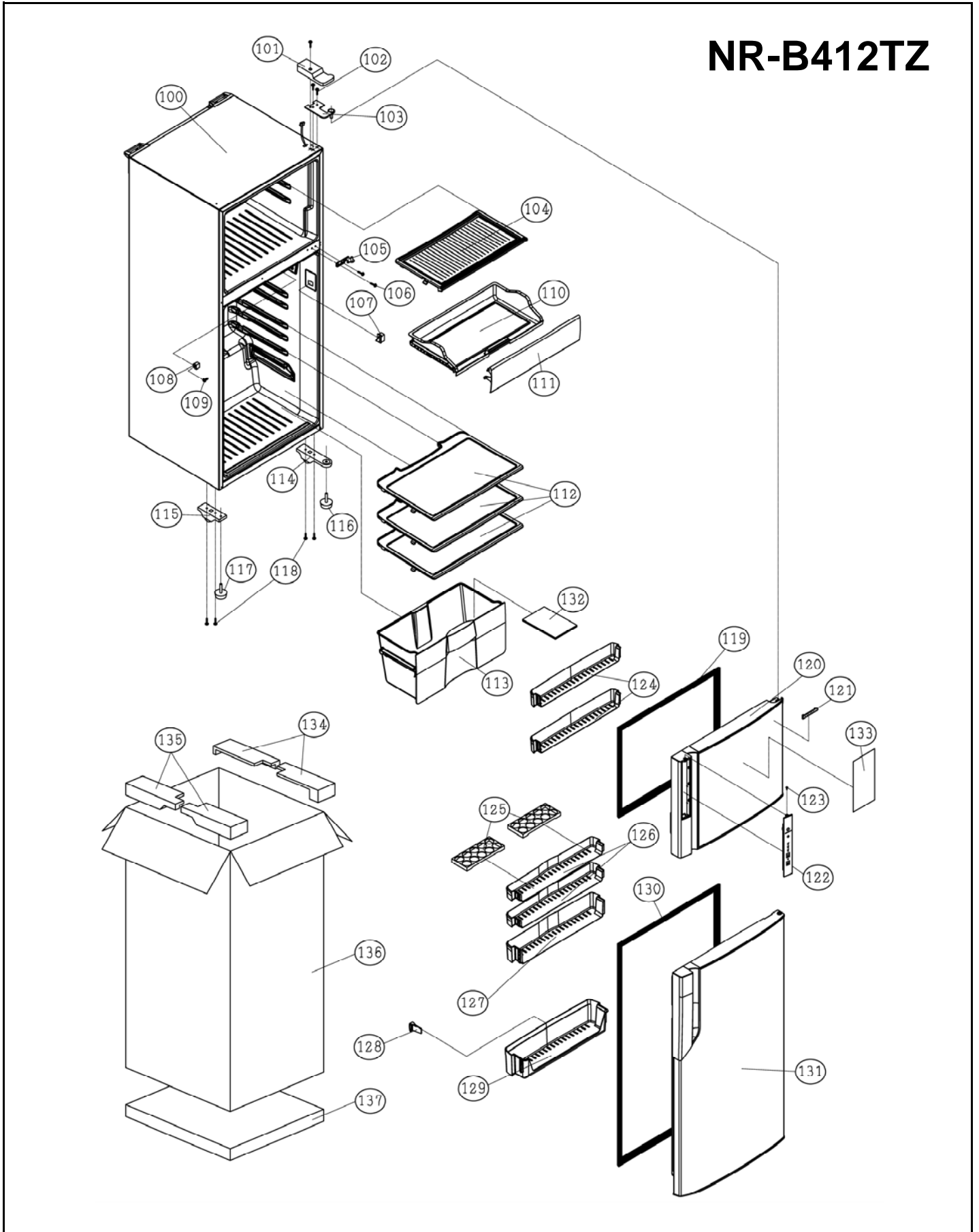
Refrigerant R600a is charged. Replace compressor and dryer of exclusive use for R600a.

AH-287640



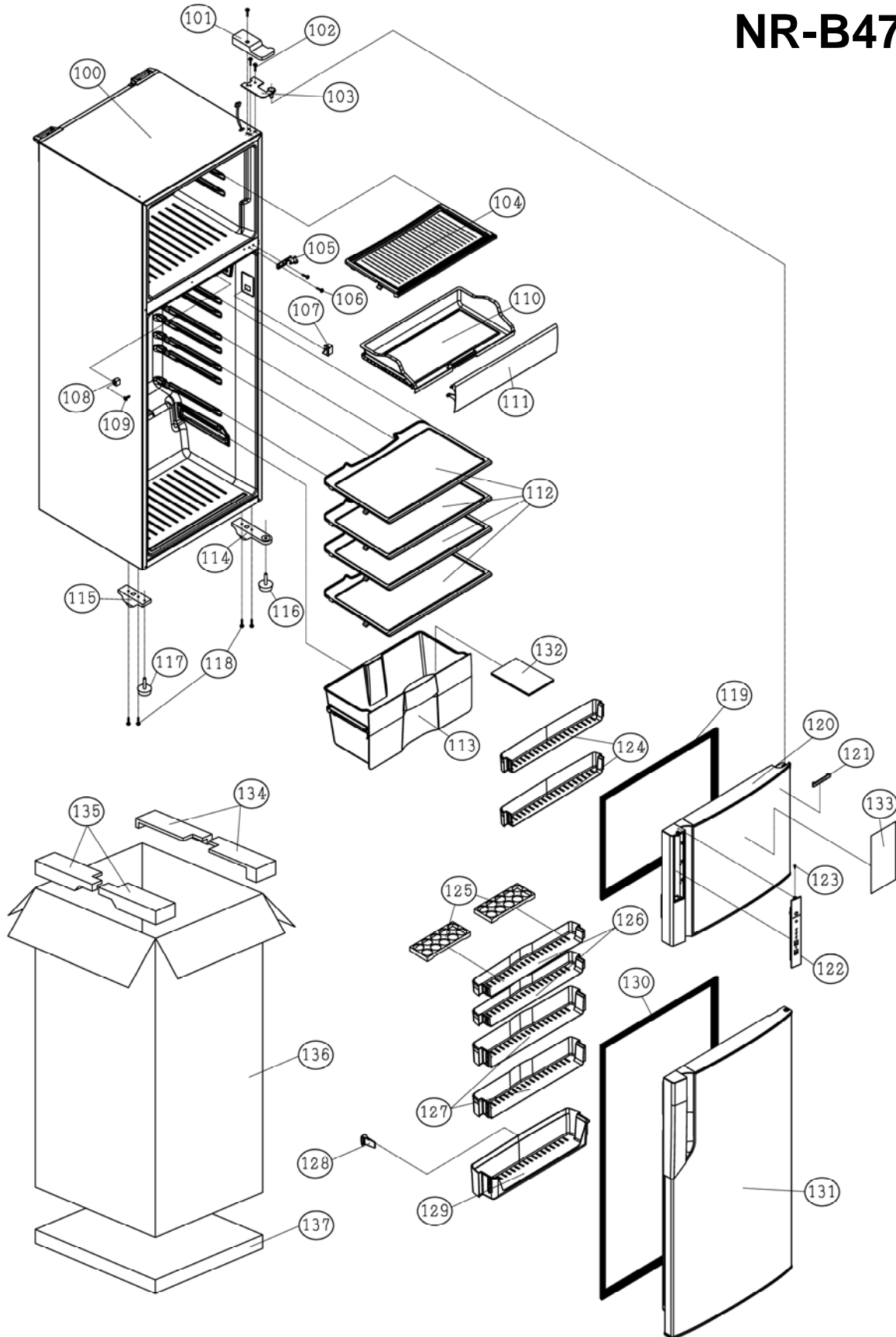
# 9. Location and Replacement Parts List

## 9.1.1 Location of Parts



## 9.1.2 Location of Parts

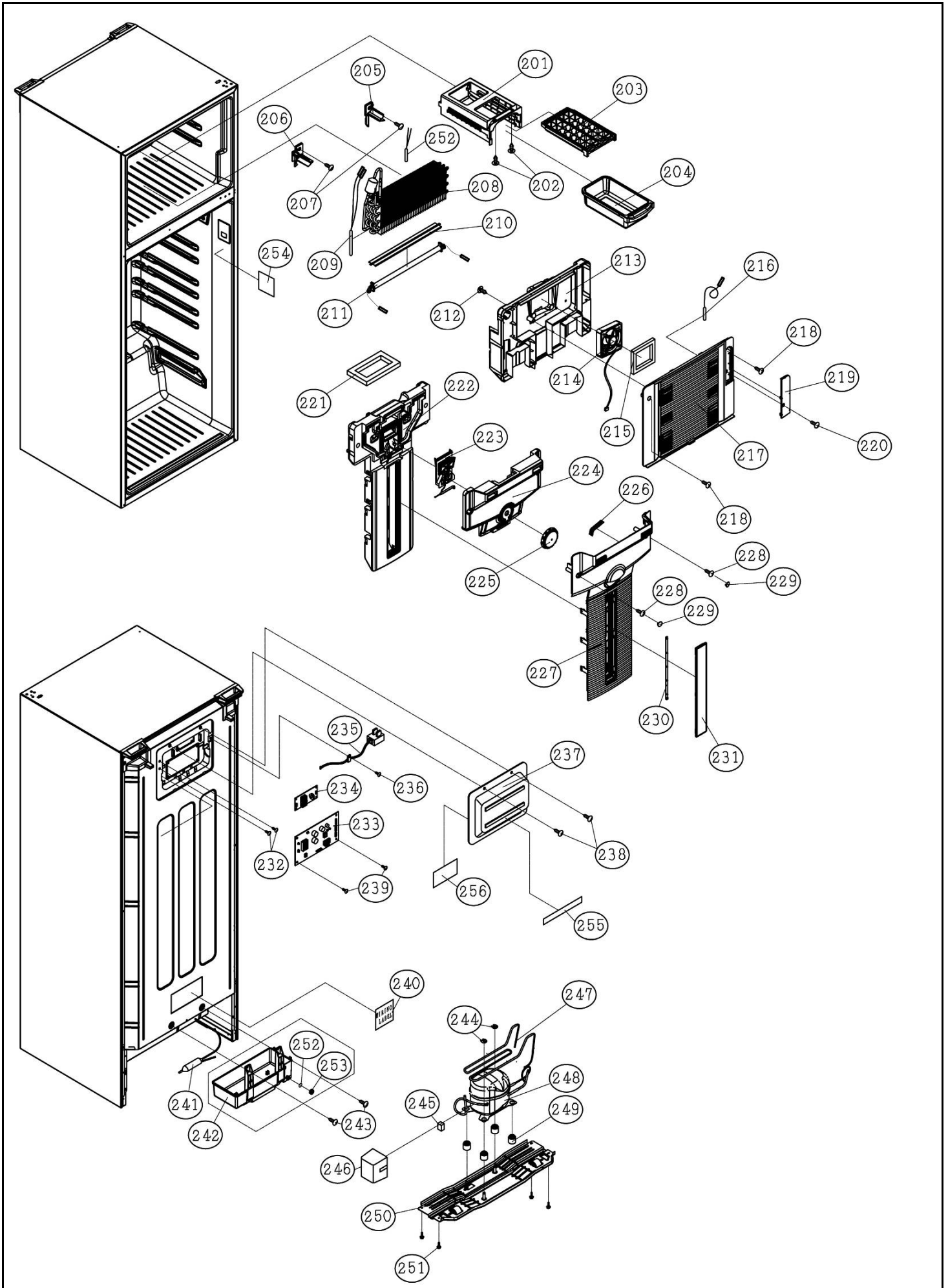
# NR-B472TZ



### 9.1.3 Replacement Parts List

Ref.No	Service Parts No.	Parts Name & Description	B412TZ-S5	B472TZ-S5	PCS/SET	NOTE
100	CNRBC-33918S	SHELL N LINER AS.(FOAM)	○	—	1	
	CNRBC-33921S	SHELL N LINER AS.(FOAM)	—	○	1	
101	CNRAD-33380DH	COVER HINGE TOP	○	○	1	
102	CNR38-193801T	FLANGE N HEXAGON 5 TS 14	○	○	3	
103	CNRAE-11710T	HINGE TOP R	○	○	1	
104	CNRBH-14171B	CRYSTAL SHELF FC AS.	○	○	1	
105	CNRAE-11663T	HINGE CENTER	○	○	1	
106	CNR38-193801T	FLANGE N HEXAGON 5 TS 14	○	○	2	
107	CNRAG-16606T	DOOR SW.	○	○	1	
108	CNRAH-13282W	MEAT TRAY STOPPER	○	○	2	
109	CNRXTT4+12AV	TRUSS 4 TS 12AV	○	○	2	
110	CNRAH-28654B	MEAT TRAY	○	○	1	
111	CNRAH-28653B	MEAT TRAY DOOR	○	○	1	
112	CNRAH-28697T	GLASS SHELF PC	○	○	3	B412TZ
					4	B472TZ
113	CNRAH-28655B	CRISPER	○	○	1	
114	CNRBC-33895Z	CASTER AS R.	○	○	1	
115	CNRBC-16959Z	CASTER AS. L	○	○	1	
116	CNRAC-18337T	ADJUSTER BOLT R	○	○	1	
117	CNRAC-24022T	ADJUSTER BOLT	○	○	1	
118	CNR38-193801T	FLANGE N HEXAGON 5 TS 14	○	○	4	
119	CNRAD-34582T	FC DOOR GASKET	○	○	1	
120	CNRBD-35229S	DOOR AS. FC (FOAM)	○	○	1	
121	CNRAD-33980T	EMBLEM MARK PLATE	○	○	1	
122	CNRBD-35233B	OPERATION PANEL AS	○	○	1	
123	CNRXTT4+12AV	TRUSS 4 TS 12AV	○	○	1	
124	CNRAH-28644B	SUP. SHELF FC	○	○	2	
125	CNRAD-13785B	TRAY EGG 10	○	○	2	
126	CNRAH-28645B	EGG SHELF	○	○	2	
127	CNRAH-28646B	FREE RACK	○	○	1	B412TZ
					2	B472TZ
128	CNRAD-34628T	SLIDE STOPPER PC	○	○	1	
129	CNRAH-28647B	BOTTLE SHELF PC	○	○	1	
130	CNRAD-34602T	PC DOOR GASKET	○	—	1	
	CNRAD-34598T	PC DOOR GASKET	—	○	1	
131	CNRBD-35231S	DOOR AS. PC(FOAM)	○	—	1	
	CNRBD-35227S	DOOR AS. PC(FOAM)	—	○	1	
132	CNRAD-34681B	OPERATION SHEET	○	○	1	
133	CNRAK-15304T	OPERATION MANUAL	○	○	1	
134	CNRAK-15222T	CORNER ROCK TOP R	○	○	1	
135	CNRAK-15223T	CORNER ROCK TOP L	○	○	1	
136	CNRAK-15307S	PACKING CASE	○	—	1	
	CNRAK-15306S	PACKING CASE	—	○	1	
137	CNRAK-153320	POLYLON BOTTOM BASE	○	○	1	

## 9.2.1 Location of Parts



## 9.2.2 Replacement Parts List

Ref.No	Service Parts No.	Parts Name & Description	B412TZ-S5	B472TZ-S5	PCS/SET	NOTE
201	CNRAH-13309W	ICE TRAY RAIL	○	○	1	
202	CNRXTT4+12AV	TRUSS 4 TS 12AV	○	○	2	
203	CNRBH-10241W	ICE TRAY AS.	○	○	1	
204	CNRAH-13308B	ICE BOX	○	○	1	
205	CNRAC-22768T	EVA HOLDER R.	○	○	1	
206	CNRAC-22769T	EVA HOLDER L.	○	○	1	
207	CNRXTT4+12AFJ	TRUSS 4 TS 12	○	○	2	
208	CNRAF-17324T	FIN EVAPARATOR	○	○	1	
209	CNRBG-19005T	TEMP. FUSE AS.	○	○	1	
210	CNRAG-17160T	COVER RADIANT HEATER	○	○	1	
211	CNRAG-17272T	DEFROST HEATER	○	○	1	
212	CNRXTN4+10AFJ	TRUSS 4 TS 10	○	○	1	
213	CNRAC-22736T	COVER COIL BACK	○	○	1	
214	CNRAG-17174T	FC FAN MOTOR 6P	○	○	1	
215	CNRAJ-14076T	FAN MOTOR PU FOAM	○	○	1	
216	CNRBG-19158T	FCC SENSOR AS	○	○	1	
217	CNRAC-22737T	COVER COIL FRONT	○	○	1	
218	CNRXTT4+16A	TRUSS 4 TS 16	○	○	2	
219	CNRAC-22754T	COVER CONNECTOR FC	○	○	1	
220	CNRXTT4+12AFJ	TRUSS 4 TS 12	○	○	1	
221	CNRAJ-14088T	SEAL PU FOAM	○	○	1	
222	CNRAC-22751T	INS. CONTROL PANEL B	○	—	1	
	CNRAC-22739T	INS. CONTROL PANEL B	—	○	1	
223	CNRAG-17190T	BAFFLE THER	○	○	1	
224	CNRAC-22738T	INS. CONTROL PANEL F	○	○	1	
225	CNRAH-28763T	DIAL THERMO PC	○	○	1	
226	CNRAH-24552T	AG BIO FILTER	○	○	1	
227	CNRAH-28663T	CONTROL PANEL	○	—	1	
	CNRAH-28640T	CONTROL PANEL	—	○	1	
228	CNRXTT4+12AFJ	TRUSS 4 TS 12	○	○	4	
229	CNRAH-13267W	BUTTON CONTROL PANEL	○	○	2	
230	CNRBG-18819T	LED LAMP PCB AS.	○	—	1	
	CNRBG-15194T	LED LAMP PCB AS.	—	○	1	
231	CNRAH-28665T	LED LAMP COVER	○	—	1	
	CNRAH-28642T	LED LAMP COVER	—	○	1	
232	CNRXSB4D8BNS	BIND 4 SCREW 8	○	○	2	
233	CNRBG-19022T	MICON PCB AS	○	○	1	
234	CNRBG-18048T	NOISE FILTER AS.	○	○	1	
235	CNRBG-19184T	AC CORD AS.	○	○	1	
236	CNRXTT4+12AV	TRUSS 4 TS 12AV	○	○	1	
237	CNRBE-10924T	COVER PLATE PCB BASE AS.	○	○	1	
238	CNRC4585-480AJ	SPECIAL SCREW	○	○	2	
240	CNRAK-15175T	CAUTION LABEL	○	○	1	
241	CNRAF-14103T	2 WAY DRYER 5g	○	○	1	
242	CNRBF-13811T	PAN WATER EVA AS.	○	○	1	
243	CNRAJ-10222T	FLANGE N TRUSS 4 TS 13	○	○	2	
244	CNR39-03011T	U-RING 7	○	○	2	
245	CNR06-59529R	OVERLOAD PROTECTOR	○	○	1	
246	CNRGD-12208T	PROTECTOR COVER	○	○	1	
247	CNRBF-11363T	PIPE PAN WATER EVA.AS.	○	○	1	
248	CNR91-23682T	COMP	○	○	1	(exclude oil)
	CNR91-23682A	COMP				(include oil)
249	CNR39-941120T	RUBBER GROMMET	○	○	4	
250	CNRBF-15607T	COMP. BASE N ROLLER AS.	○	○	1	
251	CNR08-21784A	FLANGE N HEXAGON 5 TS 18	○	○	4	
252	CNRAG-16608T	DFC SENSOR	○	○	1	