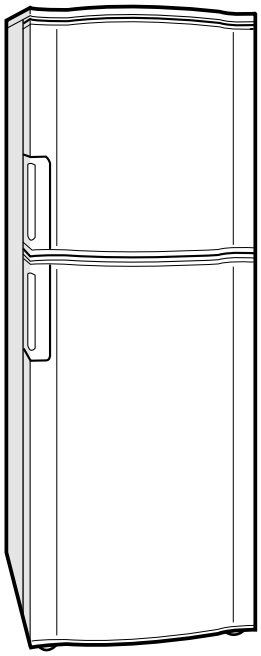
SHARP SERVICE MANUAL

S3814SE25APWG



REFRIGERATOR-FREEZER

MODELS SJ-21J-WH SJ-25J-WH

In the interests of user-safety (Required by safety regulations in some countries) the set should be restored to its original condition and only parts identical to those specified should be used.

Refrigerant; HFC-134a
Refer to "HFC-134a COOLING UNIT" Service Manual for handling this refrigerant.

DESTINATION ..... G

TABLE OF CONTENTS

SHARP CORPORATION

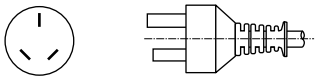
SPECIFICATIONS

Items			SJ-21J	SJ-25J
Type			2-Door	
Outer dimensions (Including spacer)		Height	1350mm	1510mm
		Width	545mm	545mm
		Depth	585mm	585mm
Rated storage volume			190 liter F: 60 liter R: 130 liter	225 liter F: 60 liter R: 165 liter
Rated gross volume			213 liter F: 76 liter R: 137 liter	248 liter F: 76 liter R: 172 liter
Defrosting		System	Heater system	
		Start	Automatic	
		Finish	Automatic	
Temperature control			Automatic (Adjustable)	
No-frost freezer			Yes	
Deodorizing system			No	
Interior lamp			1	
Evaporating pan			1	
Refrigerator Compartment	R tray S		1	
	R tray L		-	1
	Free set shelf		1	
	V tray		1	
	Vegetable case		1	
	Egg pocket		1	
	Bottle pocket		2	
	R door pocket		-	1
Freezer Compartment	F-partition tray		-	1
	F tray		1	
	F door bar		2	
	Ice cube maker		-	Twin ice cube maker
	Ice cube tray		1	-
	Cooling cupsule		-	

COLOR

Items	SJ-21J-WH, SJ-25J-WH
Outside color	White
Inside color	White

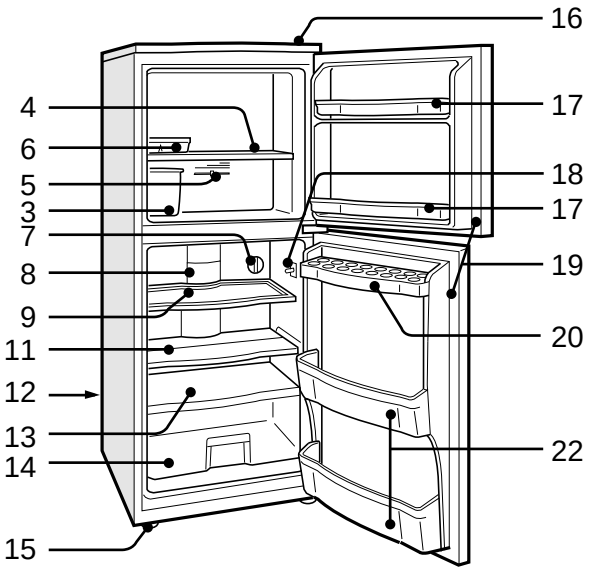
RATING

Models		SJ-21J	SJ-25J
Rated voltage	(V)	230/240	
Rated frequency	(Hz)	50	
Climate class		T	
Rated input	(W)	137/139	
Rated input of heating elements	(W)	146/158	
Defrosting input	(W)	140/152	
Refrigerant (Charging quantity)		HFC-134a(85g)	
Net weight	(kg)	43	46
Source cord		3 pin	
Plug type		S 	
Destination mark		G	

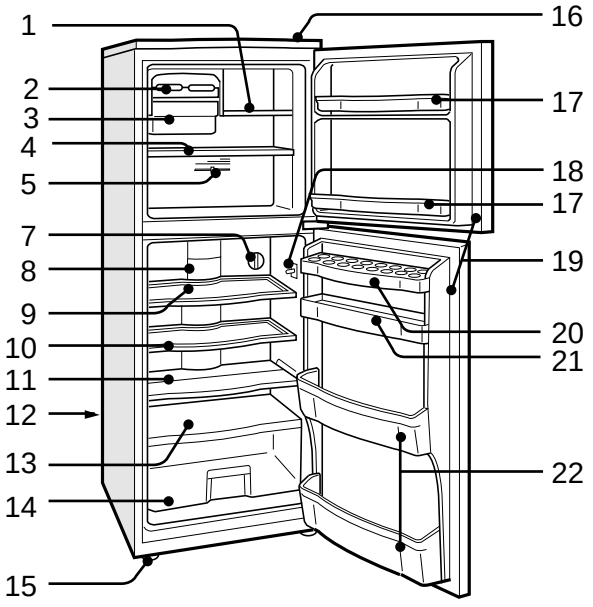
DESIGNATION OF VARIOUS PARTS

EXTERNAL DESCRIPTION

By Operation manual



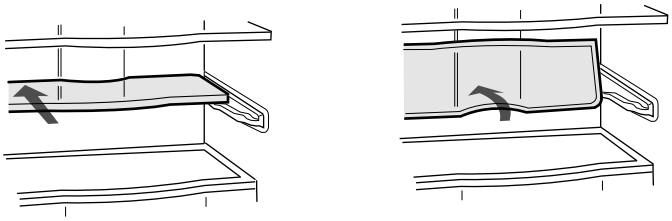
SJ-21J



SJ-25J

※ The names in parenthesis" [ ]" are the denominations used in the REPLACEMENT PARTS LIST.

1. **Freezer shelf (Small)** [F-partition tray]
2. **Ice cube maker**
3. **Ice cube box** [Ice storage box]
4. **Freezer shelf (Large)** [F tray]
5. **Freezer temp. control knob**
6. **Ice cube tray**
7. **Refrigerator temp. control knob**
8. **Light** [Lamp]
   Use a 10W lamp bulb with E12 base when replacing the lamp bulb. Do not use bulbs other than the specified voltage (see affixed label by the bulb).
9. **Refrigerator shelf (Small)** [R tray S]
10. **Refrigerator shelf (Large)** [R tray L]
11. **Three position adjustable shelf** [Free set shelf]
    This shelf has three positions, it can be partly or fully extended or be fully folded away simply by pushing the shelf back then lifting it up.



12. **Evaporating pan**
13. **Shelf** [V tray]
14. **Fruit and vegetable crisper** [Vegetable case]
15. **Adjustable foot** [Adjustable leg]
16. **Table top** [Top table]
    Do not place hot objects on the table top. The table top may melt and deform. The table can resist temperatures up to 60˚C.
17. **Freezer shelf** [F door bar]
18. **Light switch**
19. **Magnetic door seal** [Door packing]
20. **Egg pocket**
21. **Free pocket** [R door pocket]
22. **Bottle pocket**

Figure D-1

CONSTRUCTIONS

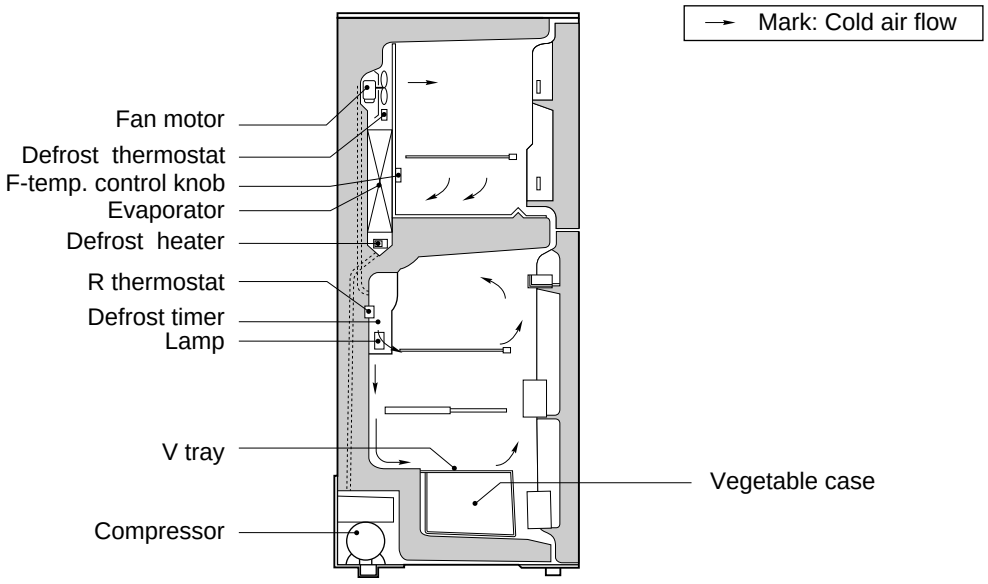


Fig. D-2 (SJ-21J)

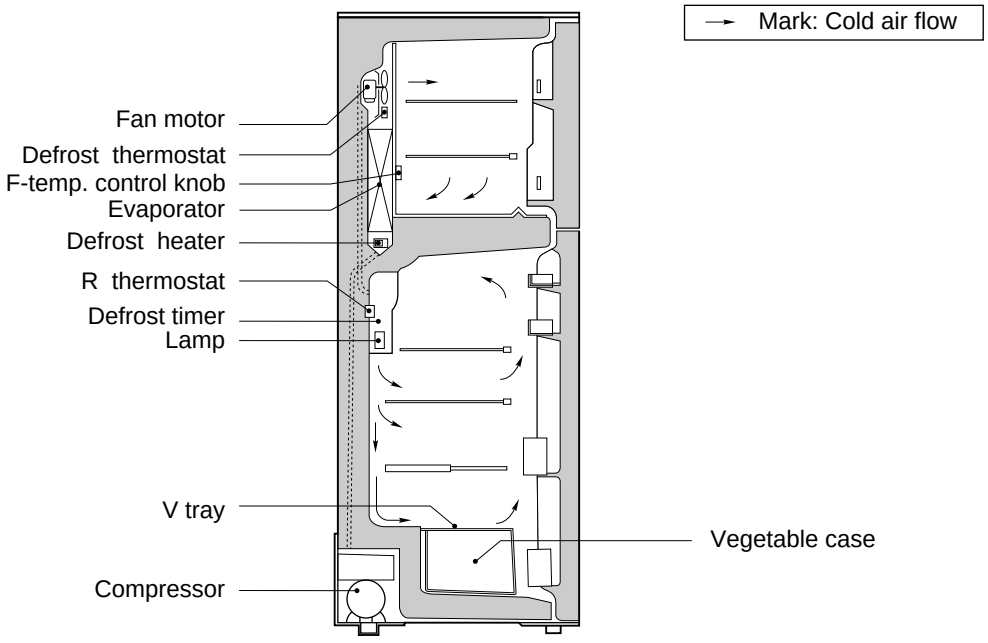
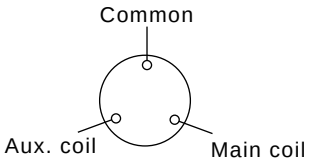


Fig. D-3 (SJ-25J)

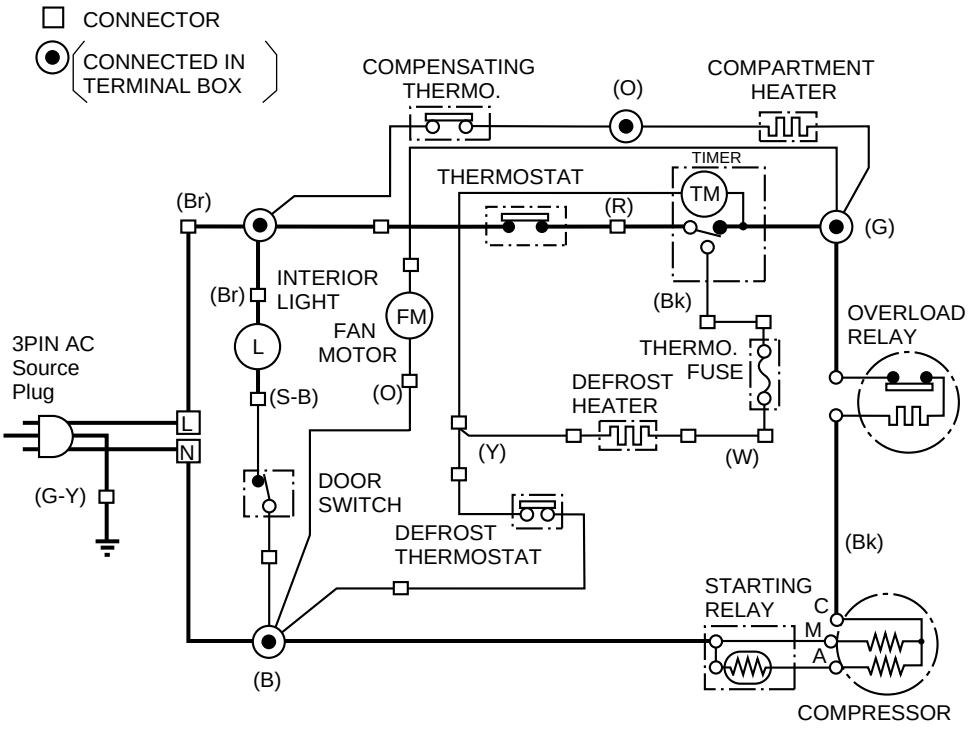
LIST OF ELECTRICAL PARTS

Items	Description
Source	230/240V 50Hz
Defrost thermostat	Type: US602S, 250V 8A, OPEN: 10˚C, CLOSE: 1˚C
Timer	Type: TMDF704FD2 Integration type: 200/240V and 50/60Hz At 50Hz, Cycle 8hours 48 min., Working time about 4min. 50sec.
Thermo. fuse (defrost)	250V 10A Cut-off temperature 72˚C
Door switch	Type: 100424 NC 2 terminals push-button, 250V, 0.25A
Fan motor	Type: A041, 200/240V 50Hz
Lamp	Type: E-12, 240V, 10W
Lamp socket	Type: E-12, 250V, 1A (HARD PLASTIC BODY TYPE)
R-thermostat	Type: MM1-8071F, ON: 4.5˚C OFF: 1.5˚C (at normal notch)
Defrost heater	378Ω (230V 140W / 240V 152W)
Compressor	Type: GLT-55AY Cooling capacity 143W Main coil 16.7Ω(at 25˚C) Aux. coil 30.0Ω(at 25˚C) Terminal 
Starting relay	Type: UH-3003
Protector	Type: 4TM222NFBYY-51
Compensating thermostat	Type: US602S 250V 8A, OPEN: 25˚C, CLOSE: 17˚C
● Compartment heater	10000Ω (230V 5.29W / 240V 5.76W)

The black dot (●) indicates non-replacement part or parts which is not replaceable itself.

WIRING DIAGRAM

Be sure to replace the electrical parts with specified ones for maintaining the safety and performance of the set.



G-Y : GREEN-YELLOW(earth)		R: RED		
B : BLUE(neutral)	Bk : BLACK	Br : BROWN(live)	O: ORANGE	R: RED
G : GRAY	P : PINK	S-B : SKY-BLUE	Y: YELLOW	W: WHITE

Figure W-1. Wiring Diagram

G : GRAY
Br : BROWN(live)
O : ORANGE
R : RED
P : PINK
B : BLUE(neutral)
Bk : BLACK
S-B : SKY-BLUE
G-Y : GREEN-YELLOW(earth)
W : WHITE
Y : YELLOW

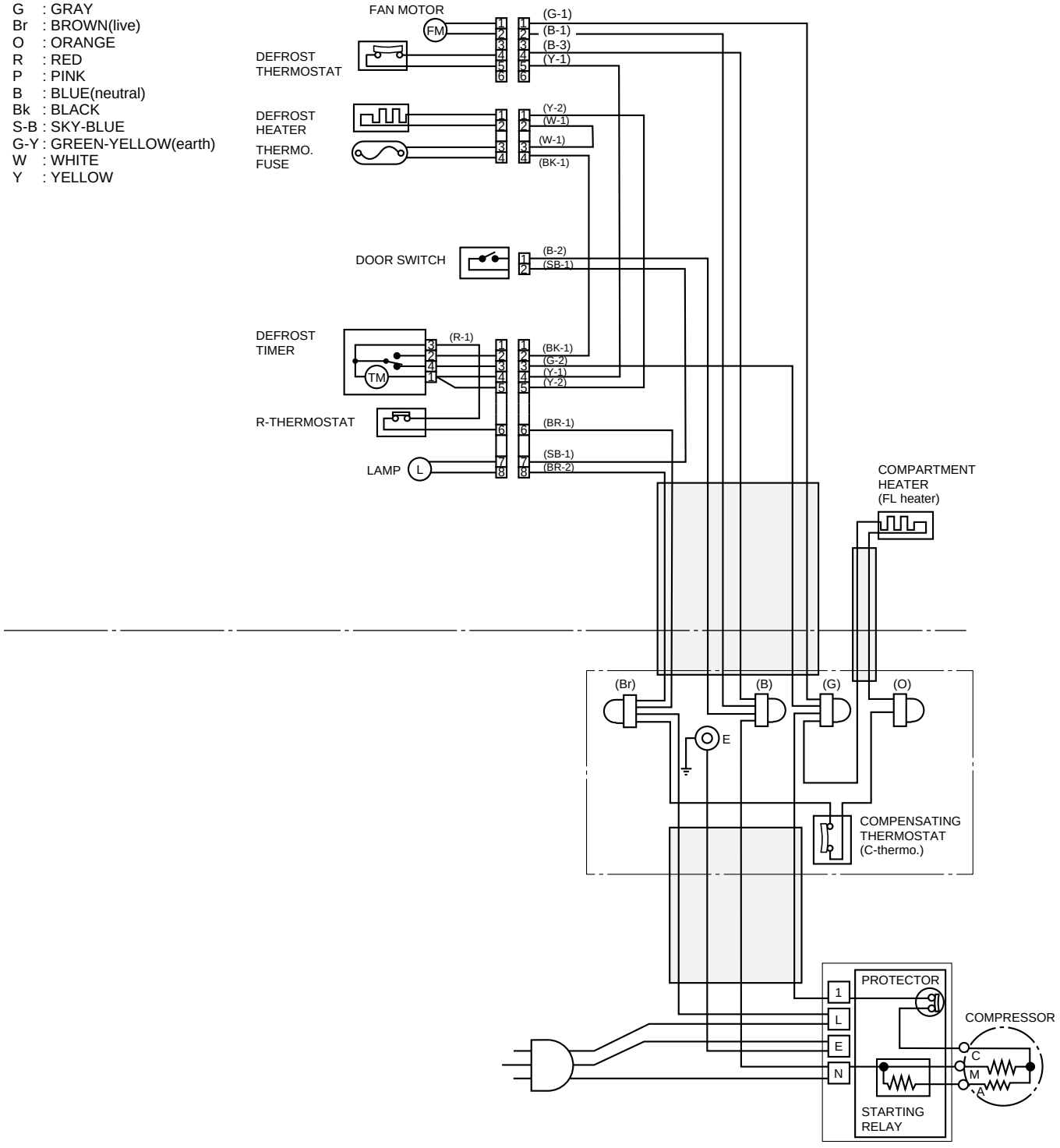


Fig. W-2. Electric Accessories Layout

FUNCTIONS

1. ADJUSTABLE TEMPERATURE CONTROL

(1) Temperature control

FREEZER COMPARTMENT

The FREEZER CIONTROL gulates the quantity of cold air to the freezer.
"MAX"(7) setting directs more cold air to the freezer compartment. (making the freezer compartment colder)
"MIN"(1) setting directs less cold air to the freezer compartment. (making the freezer compartment less colder)

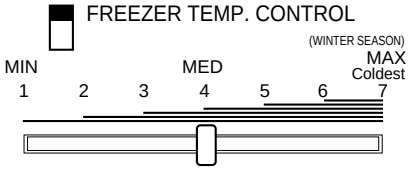


Fig. F-1.

KNOB SETTING	PURPOSE
MAX	• For making ice rapidly of fast freezing. And winter season.
↑	• When restocking with fresh food.
MED	• For normal freezing.
↓	• For storing frozen food for a short period (up to one month).
MIN	• When frozen food or ice cream is not stored.

REFRIGERATOR COMPARTMENT

The REFRIGERATOR CONTROL controls the compressor running time of the refrigeration system.
. "Coldest"(5) setting will result in colder temperature in the both (refrigerator and freezer) compartments.
"MIN"(1) control setting will result in warmer temperature in the both (refrigerator and freezer) compartment.

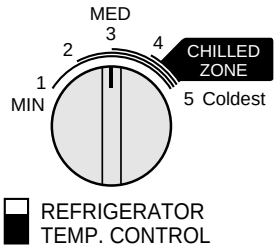


Fig.F-2.

KNOB SETTING	PURPOSE
Coldest	• For keeping freshness of food longer.
↑	• When the refrigerator does not provide sufficient cooling.
MED	• For normal operation.
↓	• When the refrigerator provides excessive cooling.
MIN	

- When refrigerator temperature control sets to the "Coldest", some foods stored may become frozen. In this case adjust control set back to the "MED" position.

NOTE:

- For hot summer conditions (about over 35˚C ambient temperature), set your FREEZER TEMP. CONTROL to less colder than "MED" (towards "MIN"). This is because "MAX" setting may result in too little air flow to the refrigerator compartment, causing too warm temperature in the refrigerator compartment. And set your REFRIGERATOR TEMP. CONTROL to colder than "MED".
- In a cold kitchen (about under 10˚C ambient temperature), set your FREEZER TEMP. CONTROL to "MAX" (7) to avoid too warm temperature in the freezer compartment. This is because the compressor operation is too short in winter, and not enough cold air is provided to the freezer compartment. And if the foods in the refrigerator compartment freeze, you must set the REFRIGERATOR TEMP. CONTROL to less colder setting. (toward "MIN").
- With the FREEZER TEMP. CONTROL set to "MAX" (7), there will be less cold air directed to the refrigerator compartment, and the refrigerator compartment may not become cold enough.

(2) Reference value of temperature

SETTING OF FREEZER TEMP. CONTROL KNOB	MAX (Coldest)	MED	MIN
Freezer temperature	Approx. -21˚C	Approx. -18˚C	Approx. -15˚C

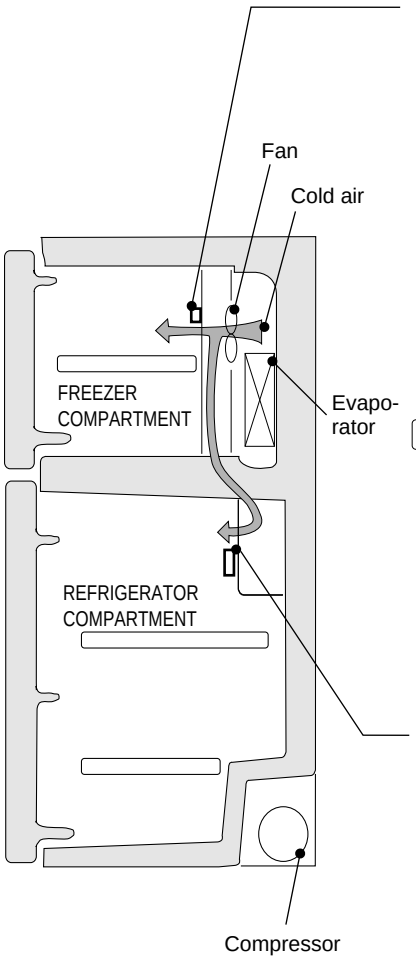
The values shown above refer to the case where the refrigerator temp. control knob is set at "MED".

SETTING OF REFRIGERATOR TEMP. CONTROL KNOB	CHILLED ZONE (Coldest)	MED	MIN
Refrigerator temperature	Approx. 0˚c	Approx. 3˚c	Approx. 6˚c

The values shown above refer to the case where the freezer temp. control knob is set at "MED".

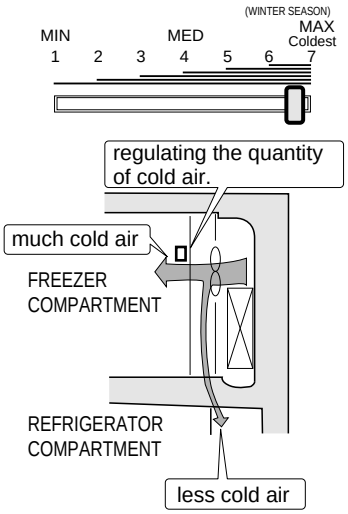
The values tables above refer to the measurement carried out center area and 1/3 of overall height from the bottom at each of the refrigerator and the freezer after the machine has been operated at an ambient temperature of 32˚C with no food stored and the door closed until the temperature is stabilized.
The values vary depending upon frequency of opening and closing, the doors ambient temperature, amount of stored foods and manner of storing foods.

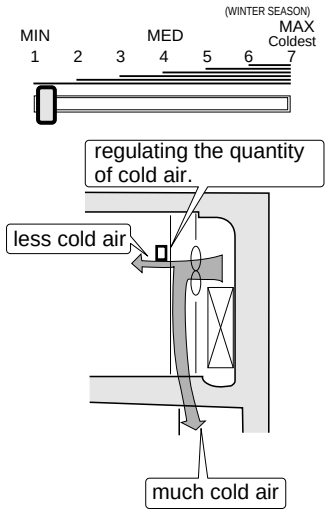
(3) Temp. control system



Freezer Temp. Control Knob

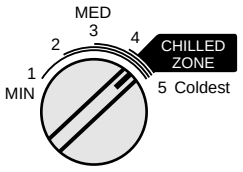
The FREEZER TEMP. CONTROL regulates the quantity of cold air to the freezer.
MAX (7) setting directs more cold air to the freezer compartment.
(making the freezer compartment colder)
MIN (1) setting directs less cold air to the freezer compartment.
(making the freezer compartment less colder)

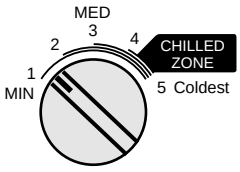


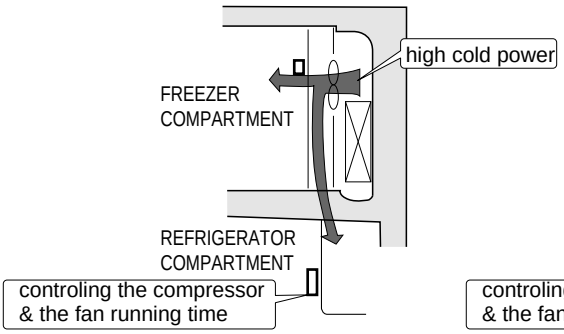


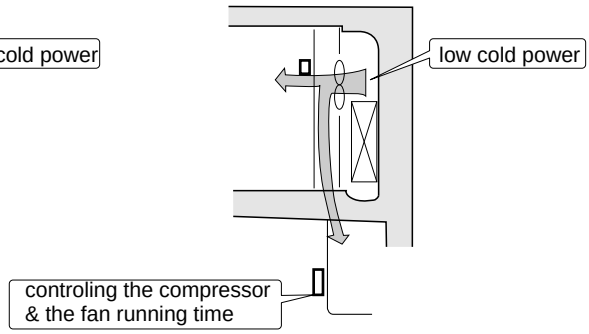
Refrigerator Temp. Control Knob

The REFRIGERATOR TEMP. CONTROL controls the compressor & the fan running time of the refrigerator system.
Coldest (5) setting will result in colder temperature in the both (refrigerator and freezer) compartments.
MIN (1) control setting will result in warmer temperature in the both (refrigerator and freezer) compartments.

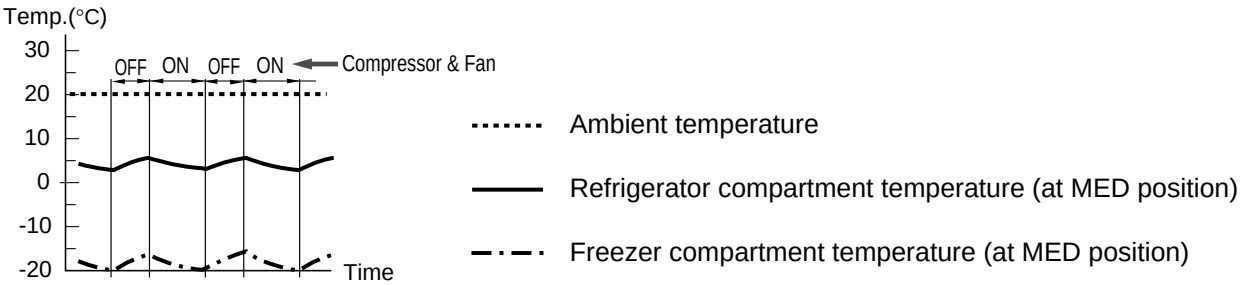








Normal operation (ex. at 20°C ambient temperature)



2. DEFROSTING

(1) No defrosting operation is necessary.

No defrosting operation is necessary.
As this machine is so designed that a built-in evaporator cools air and a fan circulates cooled air, neither the freezer nor the refrigerator is frosted, though Evaporator is frosted.
The frosted Evaporator is defrosted automatically due to the function of defrosting timer and heater, requiring no defrosting operation.

(2) Where is melted ice brought.

1. Melted ice is brought into Evaporating pan at the back of the set and is evaporated here by the heat of compressor.
2. Be sure to use Evaporating pan as inserted so as to be level with the outer case.

(3) The following circuit diagrams in the table show automatic defrosting function of the refrigerator with timer and defrosting thermostat.

Operation	Electric diagram	Description
1. Cooling (Normal)	●Defrost thermostat ON ●Compressor running ●Timer motor running Thermostat Timer contact Thermo. fuse Defrost heater Defrost thermostat (ON) SOURCE TM Timer motor COMP Compressor **Fig. F-3**	The integration timer integrates running time of the compressor. When it reaches 8 hours 48 min. at 50 Hz, the timer contact is changed to start defrosting.
2. Defrosting (Time 20 to 30 min.)	●Defrost thermostat ON ●Compressor stops ●Timer motor stops Thermostat Timer contact Thermo. fuse Defrost heater Defrost thermostat (ON) SOURCE TM Timer motor COMP Compressor **Fig. F-4**	● The timer contact is changed to start defrosting, the timer motor stops and power is supplied to the defrost heater. ● It takes about 20 to 30 min. to defrost. When little frosted, the defrosting take little time. When much frosted, the defrosting takes much time.
3. Drain (Time approx. 5 min.)	●Defrost thermostat OFF ●Compressor stops ●Timer motor running Thermostat Timer contact Thermo. fuse Defrost heater Defrost thermostat (OFF) SOURCE TM Timer motor COMP Compressor **Fig. F-5**	When the defrost thermostat becomes OFF, the timer motor at rest starts running. During the operation time (4 min. 50 sec./50Hz) defrosted water drained outsidethe refrigerator.
4. Cooling (Re-start)	●Defrost thermostat OFF ●Compressor running ●Timer motor stops Thermostat Timer contact Thermo. fuse Defrost heater Defrost thermostat (OFF) SOURCE TM Timer motor COMP Compressor **Fig. F-6**	● Timer contact is changed to cooling operation and the compressor starts running and the timer motor stops. ● Defrost thermostat contact becomes ON when it's cooled. And the timer motor starts running(Fig. F-3)

(4) As a reference to determine the causes of trouble, malfunction and phenomena are described below. Refer to the following when repairing.

1. Disconnection of Defrost heater
   As off-cycle defrosting is performed, the defrosting time is extremely prolonged.
   Each time defrosting is started, the freezer temperature rises and a portion of ice and stored foods are melted.
2. Melted Thermo. fuse or opened-circuit due to the defect of Defrost thermostat.
   When the above mentioned trouble occurs in cooling operation, the timer motor does not run, defrosting will not take place, and consequently freezing is caused.
   In the above mentioned condition, when the timer shaft is turned by hand to defrost, the timer motor runs during the operation time. However, the motor stops from the time when the contact is changed, and freezing causes.

NOTE:

- As Thermo. fuse assembly is intended to prevent dangers, do not use it under shorted condition even for a short period.

3. When Defrost thermostat failure causes the circuit to remain closed.
   The thermostat assembly connected with Thermo. fuse in the same way.
   A portion of ice or stored foods are melted when Thermo. fuse is worked.

3. DEW PREVENTION

The hot pipe, namely D.P.-condenser, is arranged around the flange part of cabinet and the C-partition plate, preventing dew from being generated on the cabinet.

NOTE:

- D.P.-condenser pipe may be felt hot if touched by hand while the compressor is in operation.
- If you are asked about this, please explain that the hot pipe serves to prevent the dew generation.

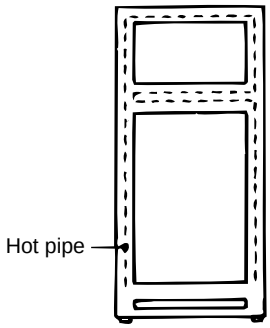


Fig. F-7

4. INSPECTION OF INITIAL STARTING

(1) Inspection of cooling unit

1. Set the temperature control knob to "MAX" and check that the compressor starts to operate.
2. Depress the door switch to run the fan and check that cool air is blown out of the cold air outer of the freezer and the refrigerator.
3. When the compressor does not work, check that the timer is not set to "defrost" position.
4. It takes about an hour and a half or 2 hours to put food in the refrigerator after starting operation.

NOTE:

- After return the temperature control knob to "MED" position.
- When the refrigerator is operated initially after installed,the compressor may vibrate excessively for 1 to 2 min. However, vibration becomes normal if it is continuously operated.

(2) Inspection of defrost device

Operate the refrigerator for 20 to 30 min. and then check the defrost device in the following procedures :
Allow 5 min. to restart the compressor since immediate starting after stopping will cause unsmooth operation.

1. Turn the timer shaft clockwise with a screw driver.
   At this time, make certains the timer clinks and the compressor stops.
2. After more than 5 min., turn the shaft further to operate.
   Make certain cooling operation is started again.

ASSEMBLING PROCEDURES OF MAIN PARTS AND CAUTIONS

CAUTION: DISCONNECT THE UNIT FROM THE POWER SUPPLY BEFORE ANY REPAIRING.

1. F-LOUVER ASSEMBLY

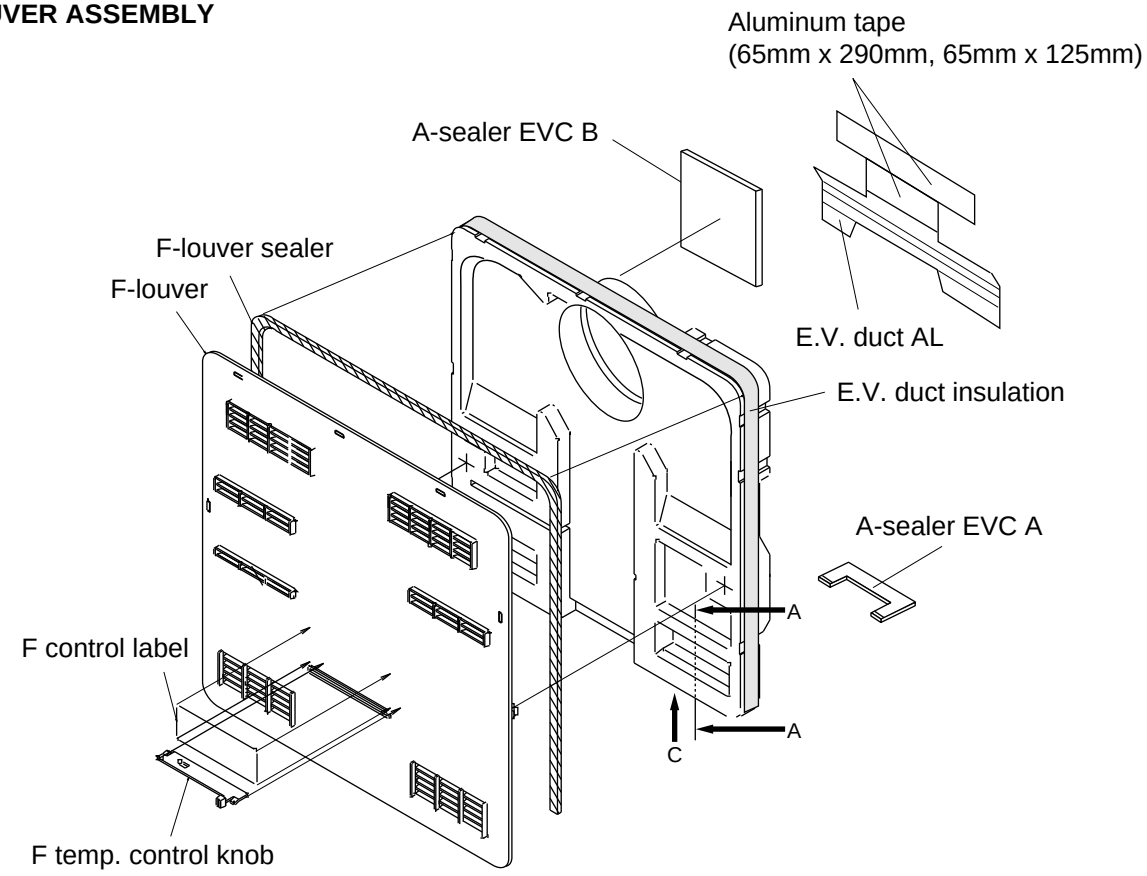


Fig. A-1

1. Stick E.V. duct AL to E.V. duct insulation.

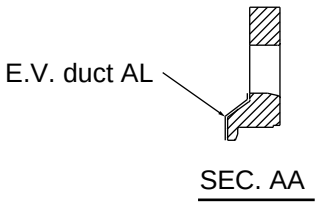


Fig. A-2

2. Stick A-sealer EVC A & A-sealer EVC B to E.V. duct insulation.

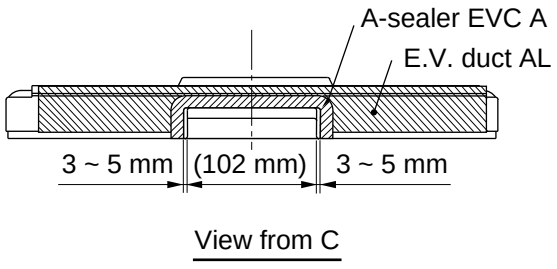


Fig. A-3

3. Stick F control label to F-louver.

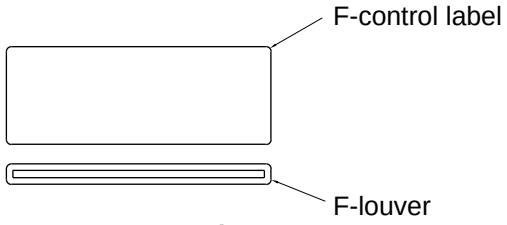


Fig. A-4

(Note) Do not fix F-control label upside down.

4. Insert F-temp. control knob to F-louver.

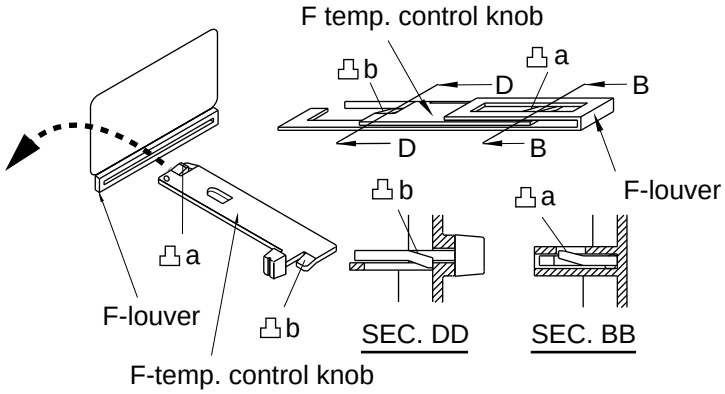


Fig. A-5

5. Set E.V. duct ass'y to F-louver.
6. Stick F-louver sealer to F-louver.

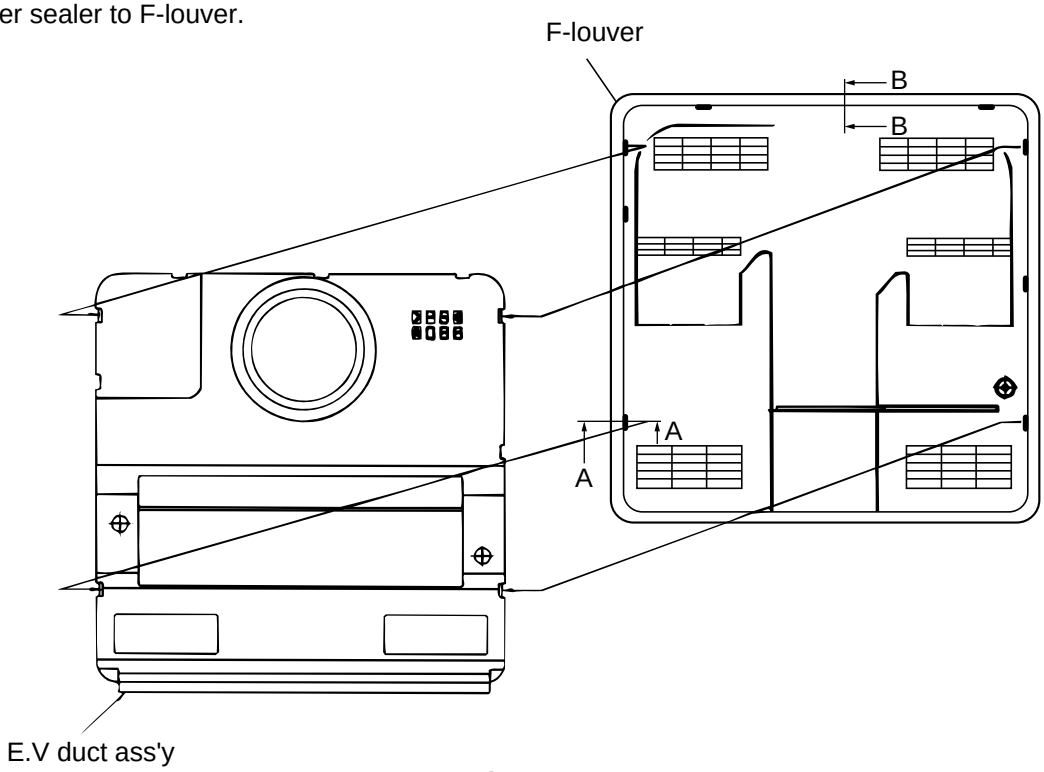


Fig. A-6

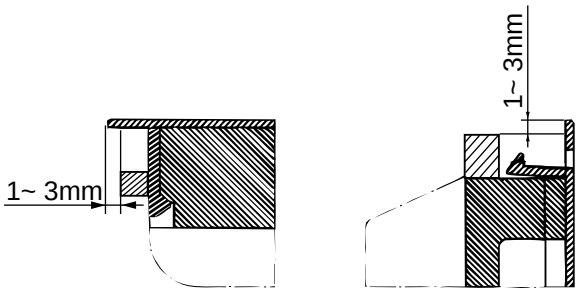


Fig. A-7

2. FM COVER ASSEMBLY AND THERMAL FUSE D ASSEMBLY

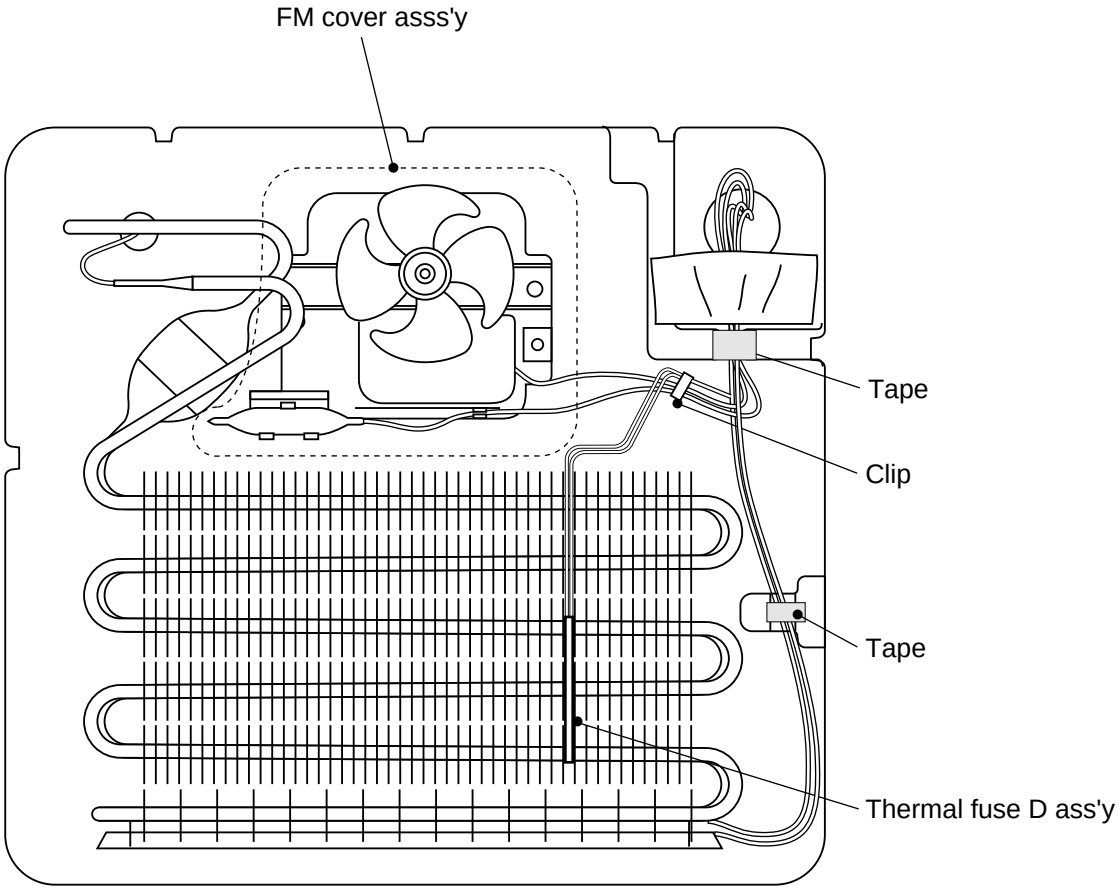


Fig. A-8

FM COVER ASSEMBLY

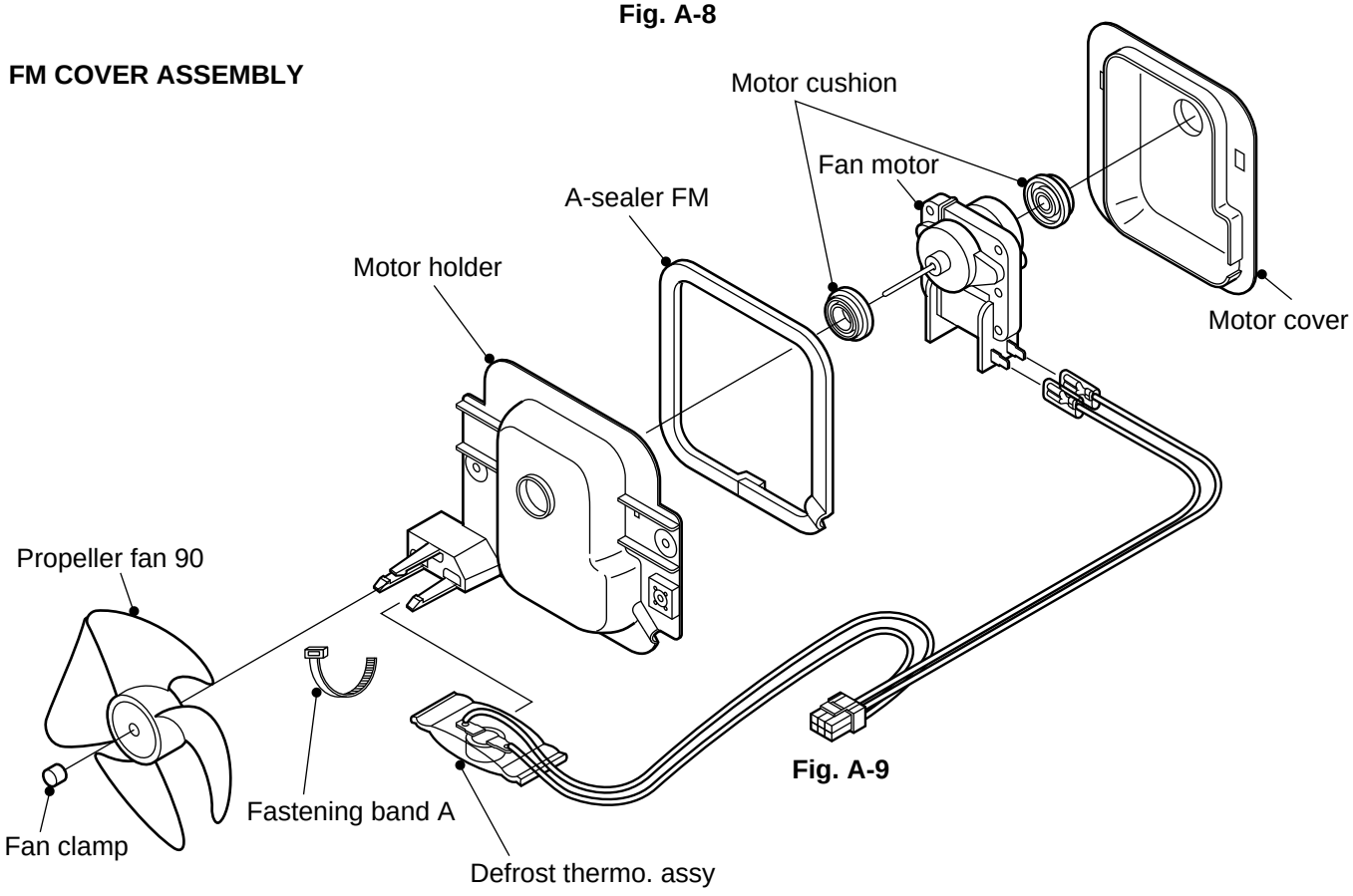


Fig. A-9

1. Stick A-sealer FM to Motor holder.

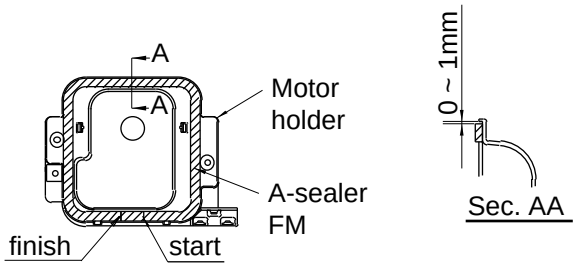


Fig. A-10

2. Insert the fasten terminal of Defrost thermo. ass'y into the terminal of Fan motor. (2 pcs.)
   Defrost thermo. ass'y has positive lock. (No. pole, so changeable)
   - Check locking by pulling them with more than 10N(1kgf), all wires after assemble them.

NOTE
(1) Assemble so that terminal of Fan motor does not deform.
(2) Take care not to stress to terminal of Fan motor after wiring.

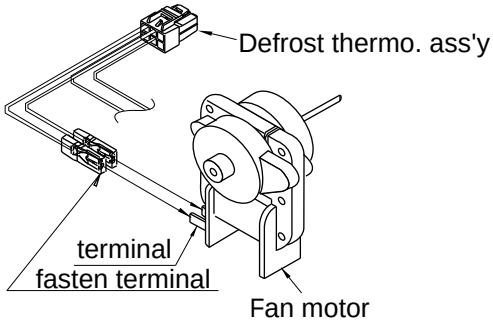


Fig. A-11

3. Set Motor cushion and " 2 " ass'y to " 1 " ass'y.

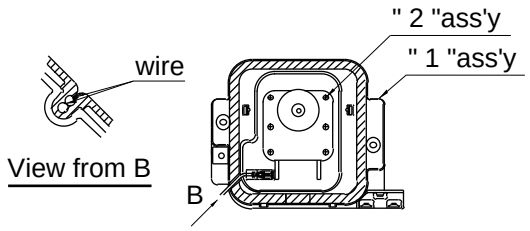


Fig. A-12

4. Insert the wire of Defrost thermo. ass'y to the place of " 3 " ass'y as shown in Fig. A-12.
5. Set Motor cushion to Motor cover to " 4 " ass'y as shown Fig. A-13.

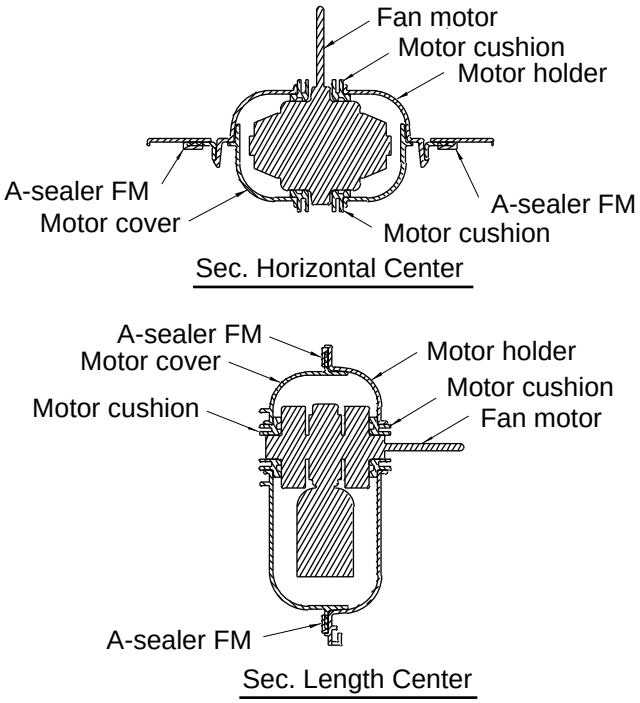


Fig. A-13

6. Set Defrost thermo. ass'y to " 5 " ass'y as shown in Fig. A-14.

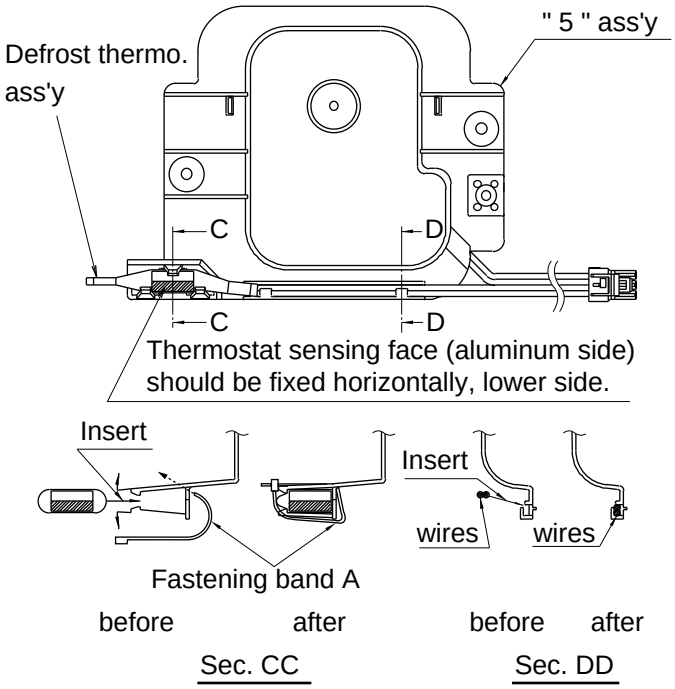


Fig. A-14

7. Set Propeller fan 90 and Fan clamp to " 6 " ass'y as shown in Fig. A-15.

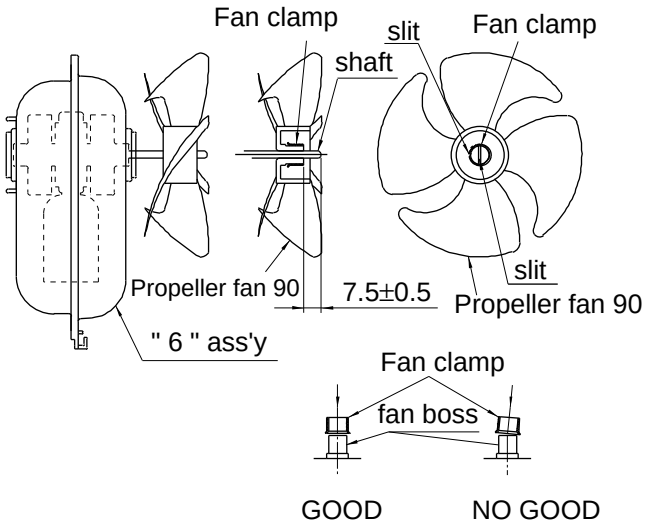


Fig. A-15

NOTE
(1) Slit of each Fan clamp and Propeller fan 90 should not be at same position.
(2) Fan clamp should be inserted virtically to the end of boss.
(3) Propeller fan 90 should not be taken out from shaft when pulled by 2kgf.

THERMAL FUSE D ASSEMBLY

1. Set Fuse ass'y to Thermo. fuse holder.
2. Wind the aluminum tape to the Thermo. fuse holder.

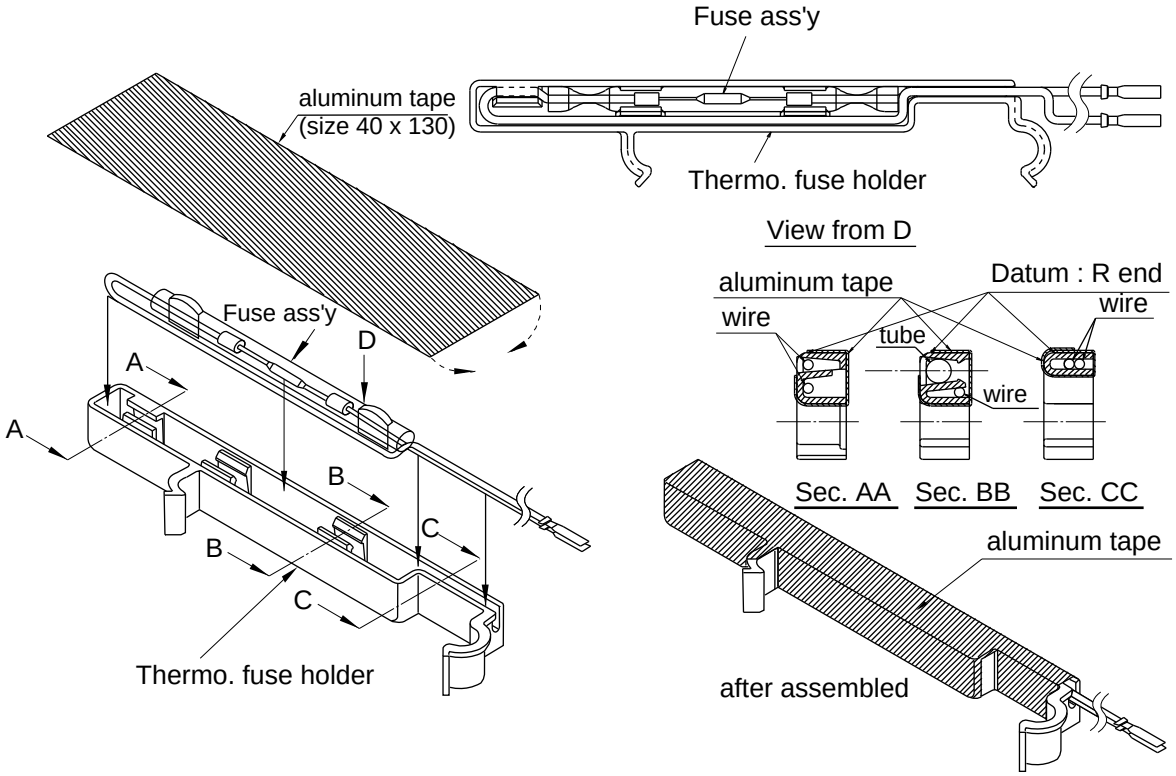


Fig. A-16

3. R-CBOX ASSEMBY

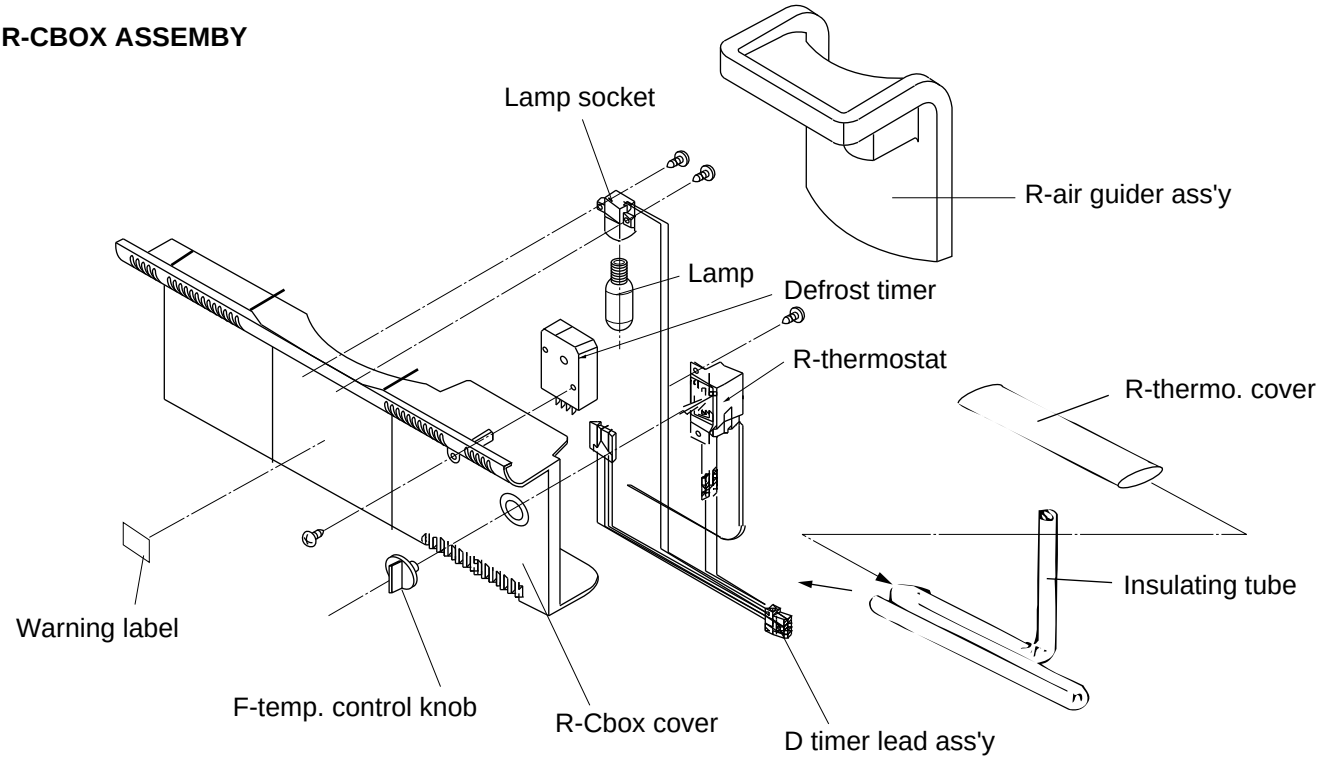


Fig. A-17

1. Connect D timer lead ass'y to Defrost timer, R thermostat.
2. Screw Lamp to Lamp socket. (Fig. A-18)

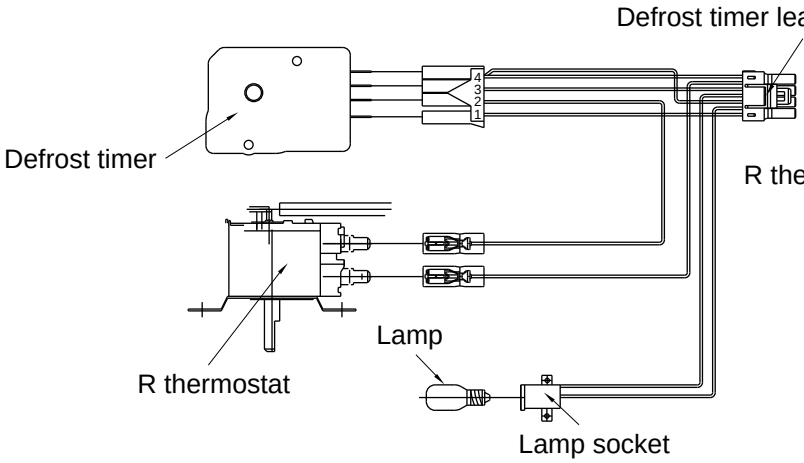


Fig. A-18

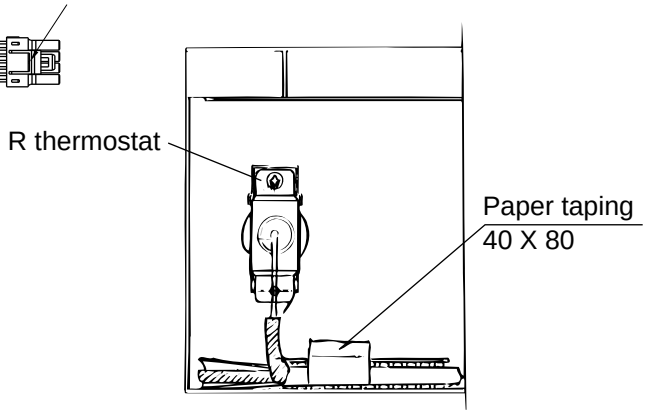


Fig. A-19

3. Fix Lamp socket with screw, and Defrost timer with screw.
4. Fix R thermostat with screw and make up the tube of R thermostat as shown Fig. A-19.
5. Insert F-temp. control knob to R thermostat.
6. Stick warning label on R-cbox cover as shown Fig. A-20.
7. Set R-air guider ass'y on R-cbox cover.

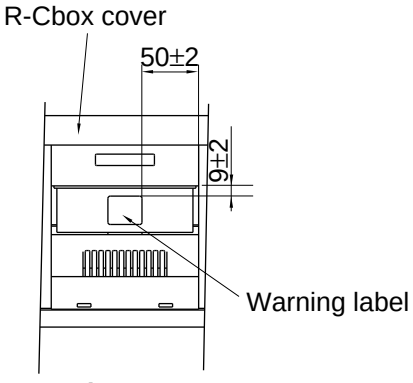


Fig. A-20

4. DEFROST HEATER

(1) Taking-out Evaporator

1. Take out F-louver ass'y (Fig. A-21).

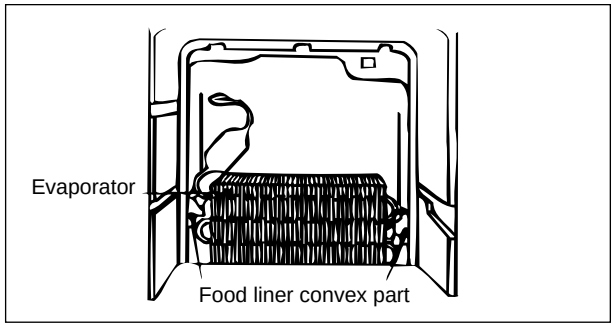


Fig. A-21

2. As shown in Fig. A-22, pull the upper part of Evaporator toward you, pull it diagonally so that the pipe of Evaporator does not contact the convex part of food liner.

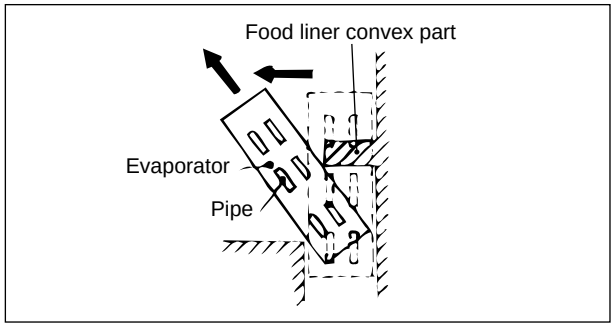


Fig. A-22

3. As shown in Fig. A-23, bend the removed Evaporator horizontally so that Defrost heater can be replaced easily.
   NOTE: When pulling Evaporator and bending the pipes, pay attention so as not to break and deform the pipes. Still, take care not to hurt yourself by fin of Evaporator.

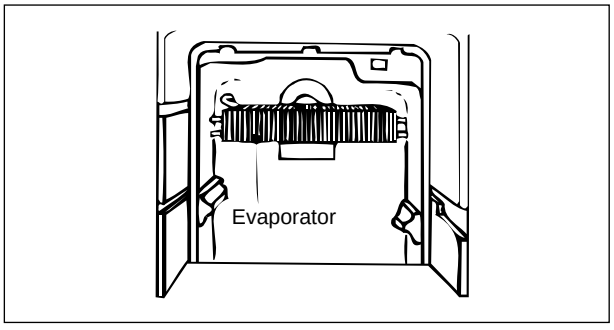


Fig. A-23

(2) Replacement of Def. heater ass'y.

1. Disconnect the lead wires inserted in the rib of center partition (Figure A-24: 8 pcs.).

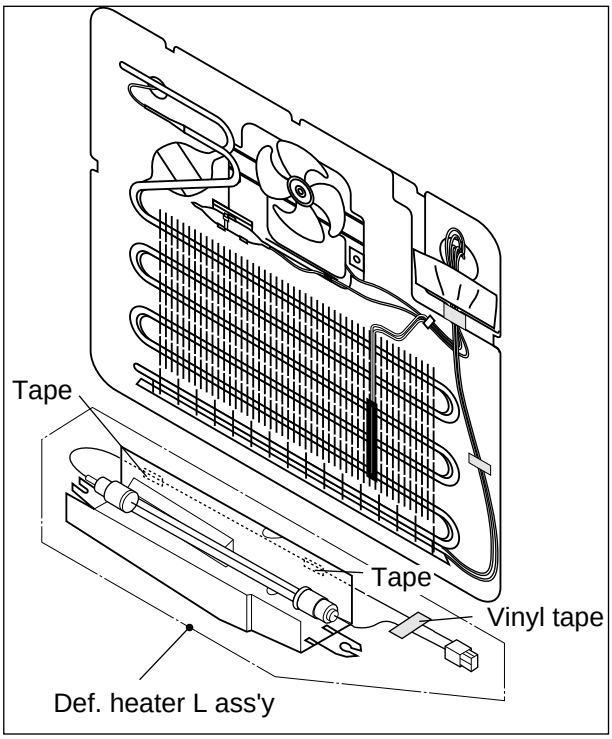


Fig. A-24

2. Raise the protrusion part of Drain support AL (Fig. A-25). Then remove Heater cover.

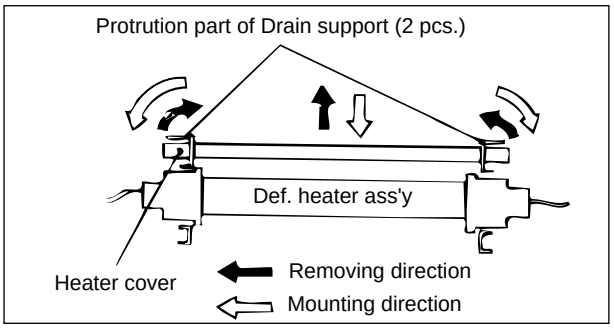


Fig. A-25

3. Open Def. heater fixed part of Drain support (Fig. A-26) to the right and left, then remove Def. heater ass'y.

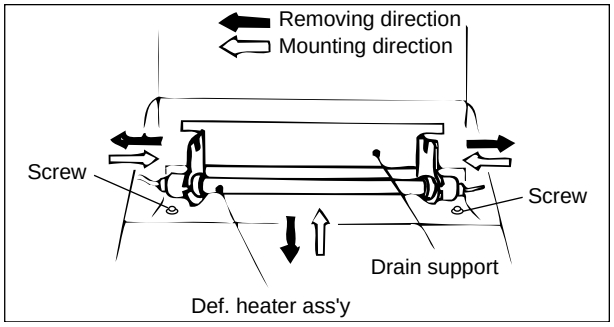


Fig. A-26

4. Replace Def. heater ass'y with new one. Remove the glass cloth tape which is attached to the Def. heater.

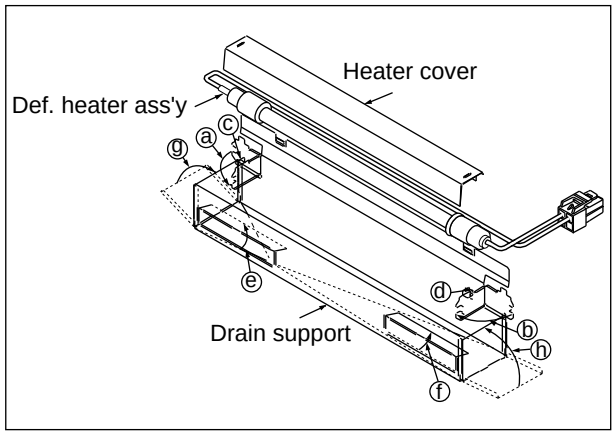


Fig. A-27

5. Wind the Glass cloth tape (3M: No. 27) to lead wire of Def. heater ass'y. (2 places)

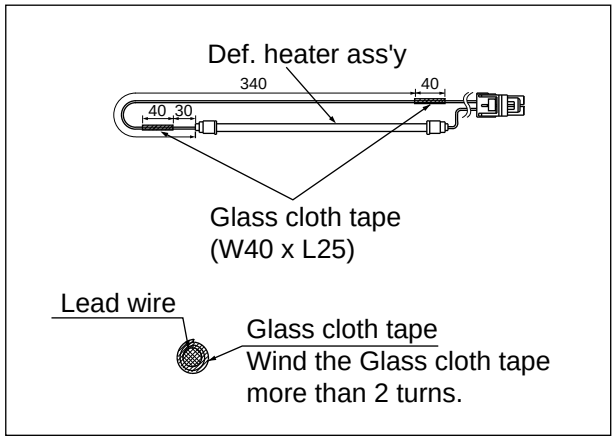


Fig. A-28

6. Band ⓐ and ⓑ of Drain support to right angle (90˚) set Def. heater ass'y. (Fig. A-29)

NOTE
Don't touch on glass tube with bare hand.

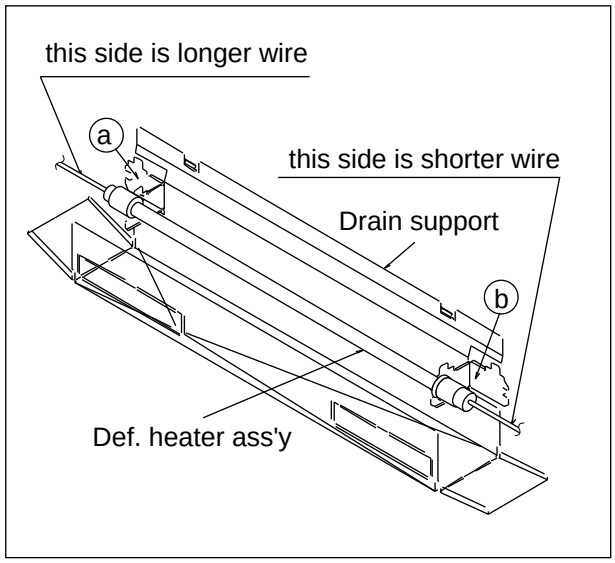


Fig. A-29

7. Stick the longer wire to the Drain support by aluminum tape (2 pieces), and wind vinyl tape (2 pieces) to lead wires of Def. heater ass'y by aluminum tape as shown in Fig. A-30.
Glass cloth tape part shall be both side of Drain support.

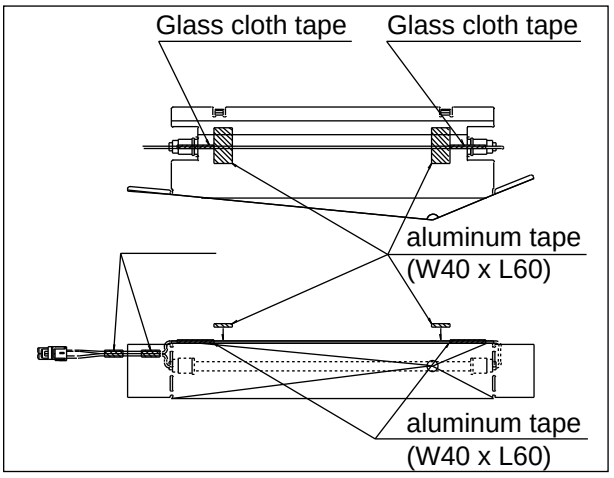


Fig. A-30

8. Set Heater cover on Drain support, and bend top edge ⓒand ⓓ to outside as shown in Fig. A-31.

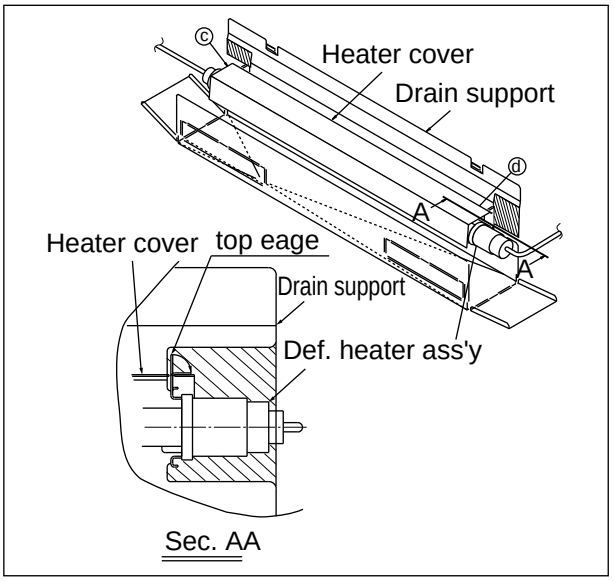


Fig. A-31

9. Bend ⓔ, ⓕ, ⓖ and ⓗ Drain support 2 as shown in Fig. A-32.

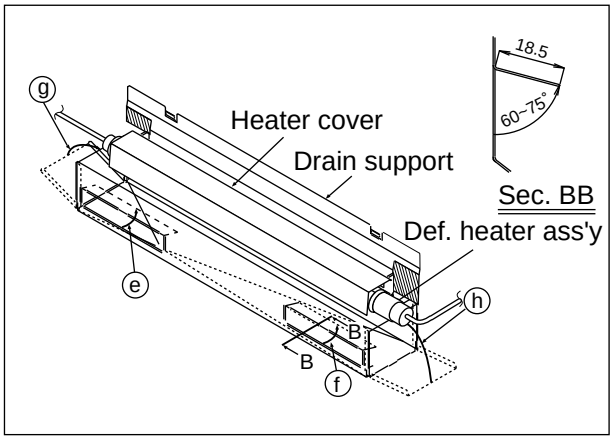


Fig. A-32

(3) Installing of Evaporator

1. Install Evaporator as shown in Fig. A-21 in the reverse order of item 2.
2. Install EV insulation as shown in Fig. A-21.
3. Correct the deformed fin.

NOTE

1. When installing Evaporator, take care not to deform significantly and break the pipes.
2. Take care not to damage the lead wires and hurt yourself by the fin of Evaporator.

COOLING UNIT

Mark: Refrigerant flow
Mark: Brazing portion

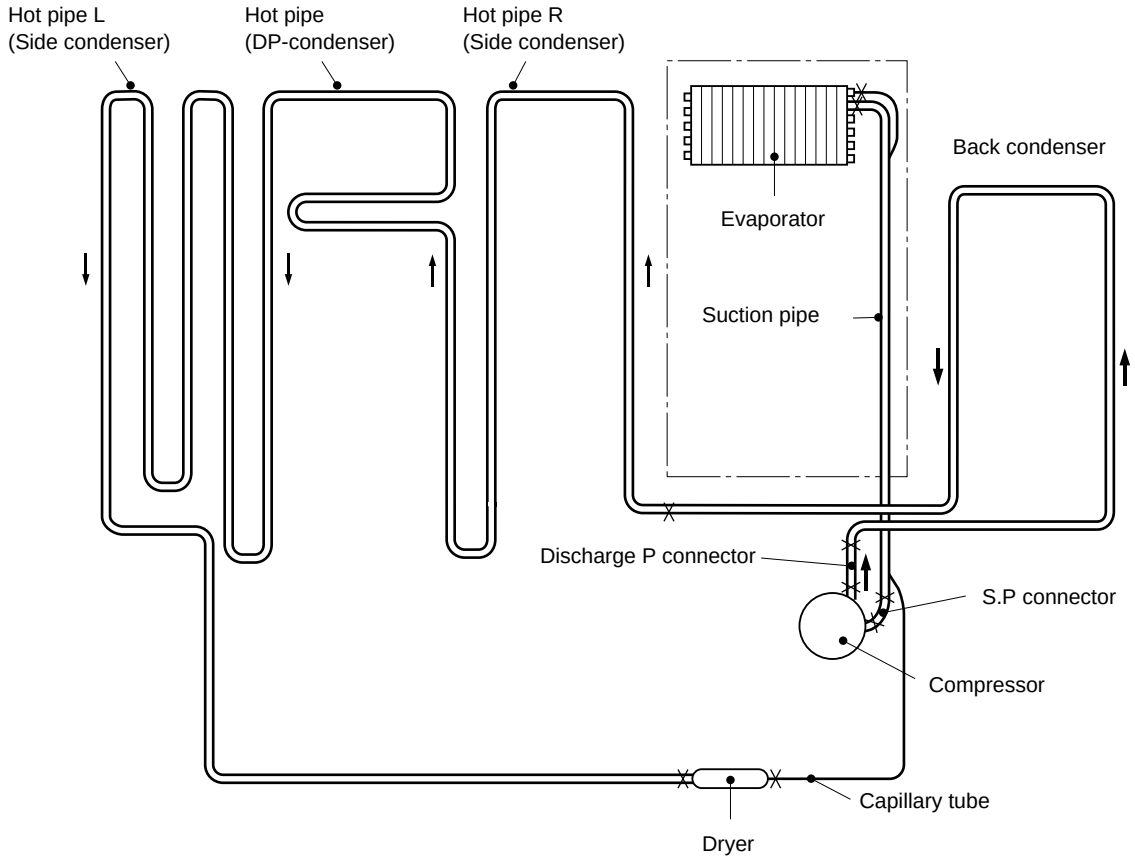


Fig. C-1. Cooling unit

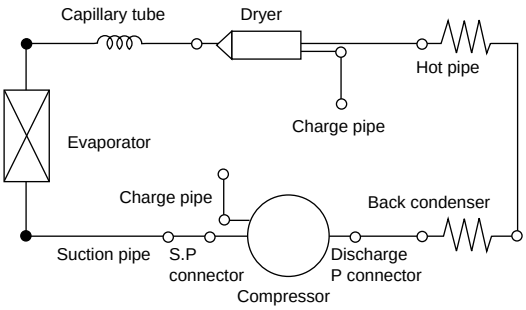


Fig. C-2

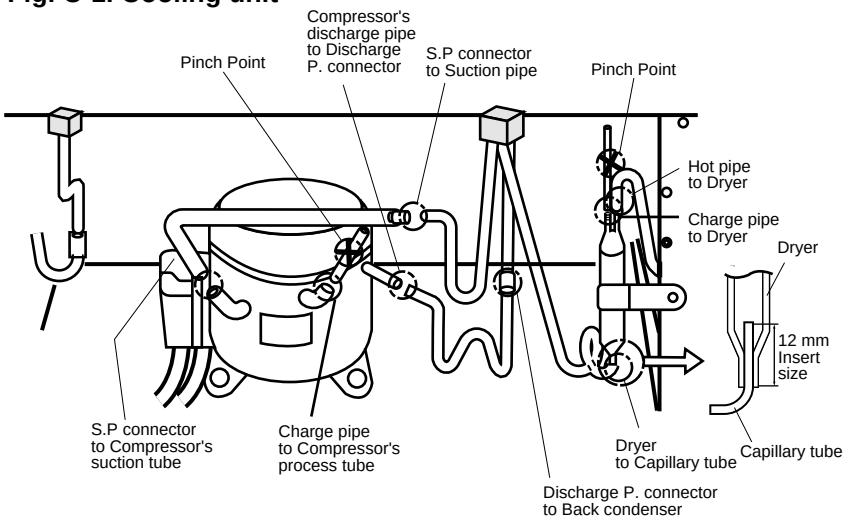


Fig. C-3. Location

REPLACEMENT PARTS LIST

REF. NO.	PART NO.	DESCRIPTION	Q'TY		CODE
			SJ-21J -WH	SJ-25J -WH	
ELCTRIC PARTS					
1- 2	FFS-TA044CBK0	Fuse ass'y	1	1	AP
1- 5	QACC-A093CBE0	Source cord	1	1	AU
1- 6	QSWTDA024CBE0	Defrost timer	1	1	AY
1- 7	RMOTRA041CBE0	Fan motor	1	1	AY
1- 8	RTHM-A085CBE0	R thermostat	1	1	AY
1- 9	FTHM-A022CBK0	Defrost thermo. ass'y	1	1	AT
1-11	RLMP-A012CBE0	Lamp	1	1	AH
1-12	QSW-PA076CBEA	Door switch	1	1	AK
1-13	RSTT-A105CBE0	Starting relay	1	1	AN
1-15	FHETBA126CBE0	Def. heater ass'y	1	1	AZ
1-16	RHOG-A117CBE0	Protector	1	1	AY
1-22	FCNW-A558CBK0	Relay wire ass'y	1	1	AM
1-23	FW-VZA129CBE0	D timer lead ass'y	1	1	AU
1-25	QTAN-A032CBE0	Terminal block	1	1	AE
1-27	FTHM-A020CBK0	C. thermo. ass'y	1	1	AP
MECHANICAL PARTS					
2- 2	LFRM-A145CBFA	Ice maker	-	1	AX
2- 3	DHNG-A304CBK0	Bottom hinge S-ass'y	1	1	AN
2- 4	LHLD-A438CBF0	E.V. holder	1	1	AE
2- 6	FAJS-A006CBFA	Adjustable leg ass'y	1	1	AF
2- 9	DHNG-A302CBM0	Center hinge R ass'y	1	1	AG
2-10	DHNG-A301CBM0	Upper hinge ass'y	1	1	AF
2-12	FGID-A063CBY0	R-air guider ass'y	1	1	AF
2-13	LBND-A018CBE0	Fastening band A	2	2	AP
2-15	JKNB-A043CBFA	F-temp. control knob	1	1	AC
2-16	JKNB-A036CBFA	F-temp. control knob	1	1	AL
2-18	LPLTMA399CBP0	Dryer support	1	1	AD
2-20	PCOV-A205CBFA	Lamp cover	1	1	AK
2-21	LHLD-A440CBF0	Term. fuse holder	1	1	AE
2-22	LPLTMA490CBP0	Drain support	1	1	AP
2-23	PSHEMA154CBP0	Heater cover	1	1	AF
2-24	PSHEMA160CBE0	E.V. duct AL	1	1	AP
2-25	PSEL-B464CBE0	A-sealer EVC A	1	1	AB
2-26	PSEL-B465CBE0	A-sealer EVC B	1	1	AC
2-28	PDUC-A066CBF0	E.V. duct insulation	1	1	AH
2-29	LHLD-A473CBE0	Clip	1	1	AF
2-30	LCRA-A010CBE0	Fan clamp	1	1	AD
2-31	PSEL-B472CBE0	A-sealer FM	1	1	AB
2-32	LHLD-A389CBF0	Motor cushion	2	2	AF
2-33	NFANPA012CBF0	Propeller fan 90	1	1	AD
2-34	LHLD-A444CBF0	Motor holder	1	1	AH
2-35	LHLD-A445CBF0	Motor cover	1	1	AH
2-36	SSAKHA001CBE0	R-thermo. cover	1	1	AB
2-37	PTUBBA065CBE0	Insulating tube	1	1	AE
2-38	GCOVPA092CBRA	R-Cbox cover	1	1	AQ
2-39	HGRL-A161CBFA	Multi louver	-	1	AM
2-39	HGRL-A162CBFA	Multi louver	1	-	AK
2-40	PFPFPB053CBF0	R-louver insu.	-	1	AF
2-40	PFPFPB060CBF0	R-louver insu.	1	-	AE
2-41	PSEL-B469CBE0	A-sealer ML	-	2	AC
2-41	PSEL-B483CBE0	A-sealer ML	2	-	AD
2-42	HGRL-A163CBFA	F-louver	1	1	AR
2-43	PSEL-B468CBE0	F-louver sealer	1	1	AE
2-44	TLAB-A712CBR0	F control label	1	1	AD
2-45	LHLD-A124CBFB	K-frame holder	3	6	AH
2-47	PTUBBA067CBE0	Insulating tube	1	1	AD
2-50	GTOP-A023CBFC	Top table	1	1	AZ
2-52	PBOX-A084CBFA	Terminal box	1	1	AG
2-53	PCOVPA184CBFA	Terminal cover	1	1	AF
DOOR PARTS					
3- 1	FDORFA969CBK0	F-door ass'y	1	1	BN
3- 1-1	NBRGPA013CBFB	Nylon bearing 2	2	2	AH
3- 1-2	LSTPPA097CBFA	Door stopper	2	2	AF
3- 2	FPACGA256CBK0	F-door packing	1	1	AU
3- 9	UPOK-A142CBFA	F door bar	2	2	AP
3-12	FDORRA831CBK0	R-door ass'y	-	1	BQ

REF. NO.	PART NO.	DESCRIPTION	Q'TY		CODE
			SJ-21J -WH	SJ-25J -WH	
3-12	FDORRA834CBK0	R-door ass'y	1	-	BR
3-13	FPACGA257CBK0	R-door packing	-	1	AW
3-13	FPACGA259CBK0	R-door packing	1	-	AV
3-22	HBDGDA786CBFA	Badge	1	1	AN

OTHER PARTS

4- 3	QTAN-A012CBE0	Solderless term. B	1	1	AH
4- 4	QTAN-A013CBE0	Solderless term. A	3	3	AH
4- 7	LX-BZA018JBE0	Special screw	1	1	AA

ATTACHMENT PARTS

5- 1	FSRA-A145CBY0	Ice cube maker	-	1	AS
5- 2	USRA-A214CBFA	R tray L	-	1	AU
5- 3	USRA-A215CBFA	R tray S	1	1	AS
5- 4	USRA-A212CBFA	F tray	1	1	AS
5- 5	UTNA-A260CBFA	Free set shelf B	1	1	AQ
5- 6	UTNA-A261CBFA	Free set shelf F	1	1	AQ
5- 9	USRA-A073CBFF	F-partition tray	-	1	AL
5-10	USRA-A213CBFA	Evaporating pan	1	1	AP
5-11	USRA-A216CBFA	V tray	1	1	AS
5-12	UYOK-A148CBFC	Ice storage box	-	1	AN
5-12	UYOK-A242CBFA	Ice storage box	1	-	AL
5-14	UYOK-A241CBFA	Vegetable case	1	1	AU
5-16	UPOK-A141CBFA	Egg pocket	1	1	AP
5-17	UPOK-A139CBFA	Bottle pocket	2	2	AN
5-19	UPOK-A140CBFA	R door pocket	-	1	AP
5-23	USRA-A211CBFA	Ice cube tray	1	-	AH

CYCLE PARTS

6- 1	PCMPLA158CBE0	Compressor	1	1	BX
6- 2	PSPAGA031CBE0	Rubber grommet	4	4	AE
6- 3	LFRMMA012CBP0	Base frame	1	1	AU
6- 4	LX-WZA003CBE0	Washer	4	4	AA
6- 5	PPIPCA252CBE0	Charge pipe	2	2	AD
6- 6	PPIPCA308CBE0	S.P connector	1	1	AG
6- 8	PSPAFA024CBE0	Sleeve	4	4	AB
6- 9	FDRY-A008CBK0	Dryer	1	1	AU
6-10	PKYU-A034CBE0	SP-butyl F	1	1	AG
6-11	PKYU-A035CBE0	SP-butyl H	1	1	AG
6-15	PCLI-A035CBE0	Clip	1	1	AC
6-18	PCOVPA165CBE0	Terminal cover	1	1	AF
6-23	PPIPCA314CBE0	Discharge P. conecter	1	1	AG

MISCELLANEOUS

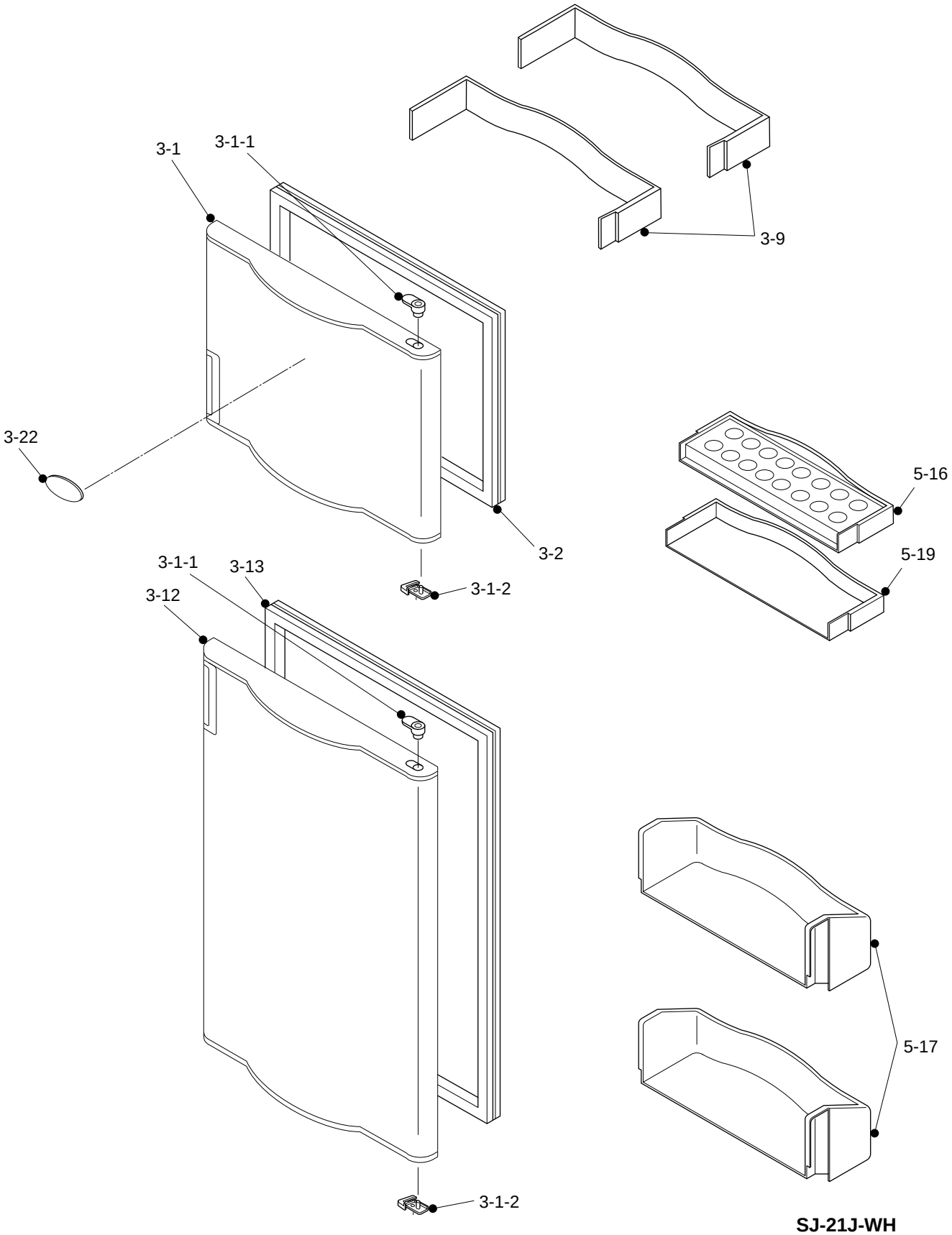
90- 1	CPADBA663YDK0	Bottom pad ass'y	1	1	AV
90- 2	CPADBA661YDK0	Top pad ass'y	1	1	AK
90- 3	SPAKCI219YDE0	Packing case 25J	-	1	BD
90- 3	SPAKCI264YDE0	Packing case 21J	1	-	BC
90- 4	TINS-A361CBR0	Operation manual	1	1	AG
90- 5	TLAB-A153CBR0	Warning label	1	1	AD
90- 7	TLAB-A617CBE0	Case label WH	4	4	AD
90- 8	SPADBB974YDE0	Corner post R	1	1	AL
90- 9	SPADBB975YDE0	Corner post L	1	1	AL
90-10	SPADBB976YDE0	Corner post BL	1	1	AH
90-11	SPADBB977YDE0	Corner post BR	1	1	AH
90-14	TGAN-A069WRR0	Guarantee card	1	1	AC
90-16	TLAB-A727CBR0	Energy label	1	-	AD
90-16	TLAB-A724CBR0	Energy label	-	1	AD

HOW TO ORDER REPLACEMENT PARTS

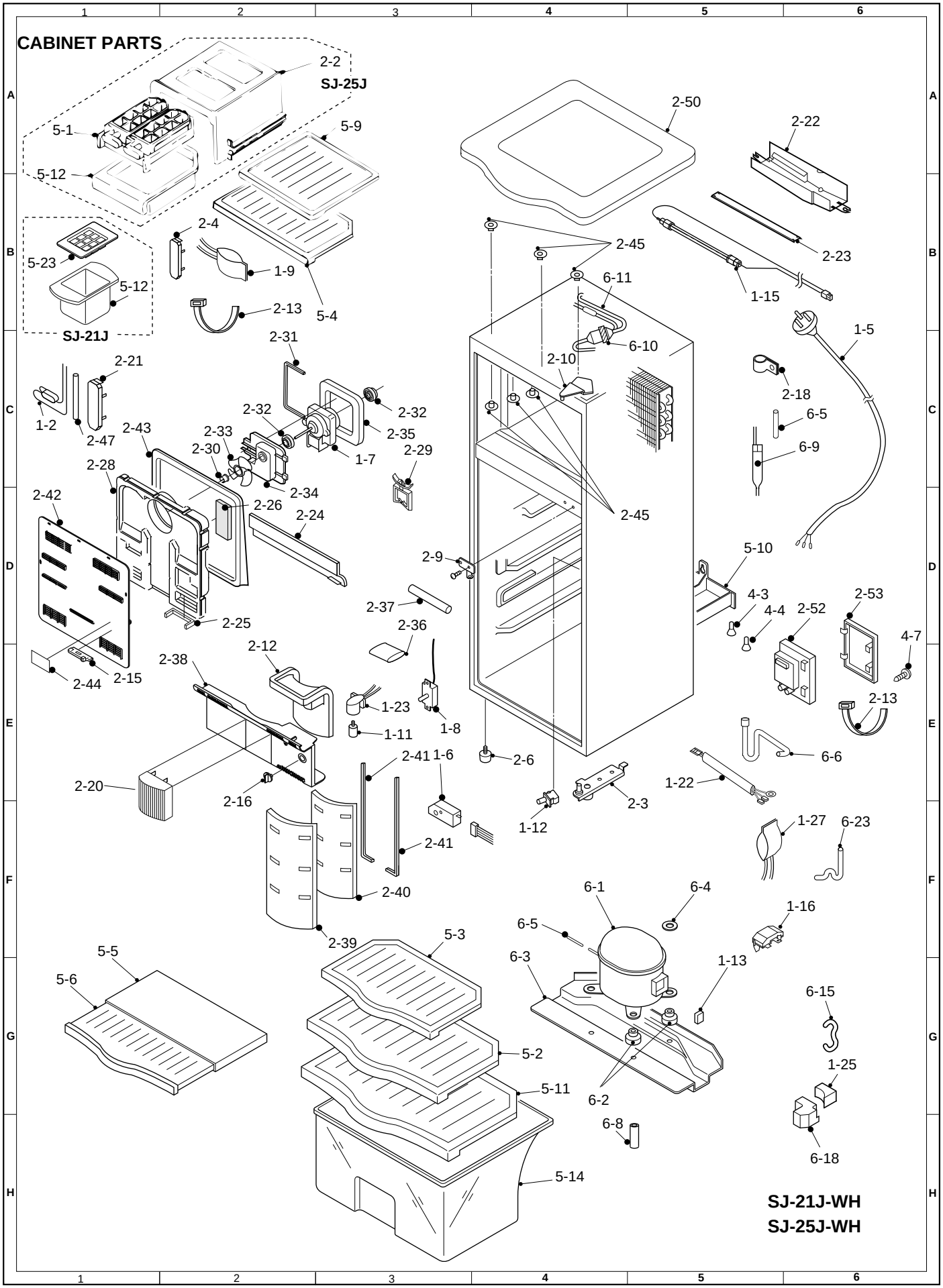
To have your order filled prompty and correctly, please furnish the following information.

1. MODEL NUMBER 2. REF. NO.
3. PART NO. 4. DESCRIPTION

DOOR PARTS



SJ-21J-WH
SJ-25J-WH


CABINET PARTS
2-2
SJ-25J
5-1
5-9
5-12
2-4
5-23
1-9
5-12
2-13
5-4
SJ-21J
2-50
2-22
2-45
2-23
6-11
1-15
1-5
6-10
2-10
2-18
6-5
6-9
2-31
2-21
1-2
2-47
2-32
2-32
2-43
2-33
2-35
2-30
1-7
2-29
2-28
2-34
2-42
2-26
2-24
2-45
2-9
5-10
2-37
4-3
4-4
2-52
2-53
4-7
2-36
2-25
2-12
2-38
2-15
2-44
1-23
2-13
1-11
1-8
6-6
2-41
1-6
2-6
1-22
2-20
2-16
2-3
1-12
1-27
6-23
2-41
2-40
6-1
6-4
1-16
6-5
6-3
1-13
2-39
5-3
5-5
6-15
5-6
5-2
5-11
6-2
1-25
6-8
6-18
5-14
SJ-21J-WH
SJ-25J-WH

SHARP