

SAMSUNG

INSTRUCTION MANUAL

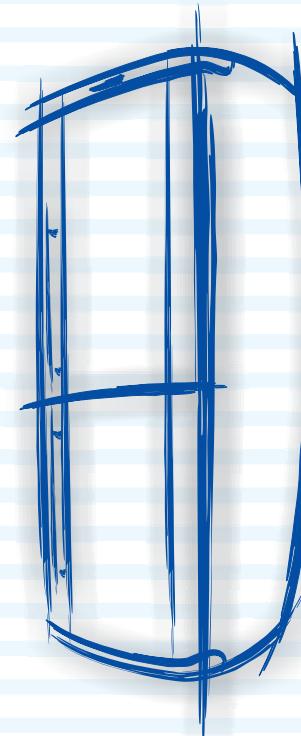
ENGLISH

MODEL:

RL33SBSW RL33SBMS

RL33EBSW RL33EBMS

RL33EASW RL33EAMS



- Please read all the safety precautions included in this manual prior to use and retain this manual properly for future reference.
- Please read through this manual before connecting to power and keep it for future reference.
- Any change relating to this manual will result in no additional notice due to continuous improvement made on our products.

SAMSUNG DIGITAL
everyone's invited.

DA68-01339C

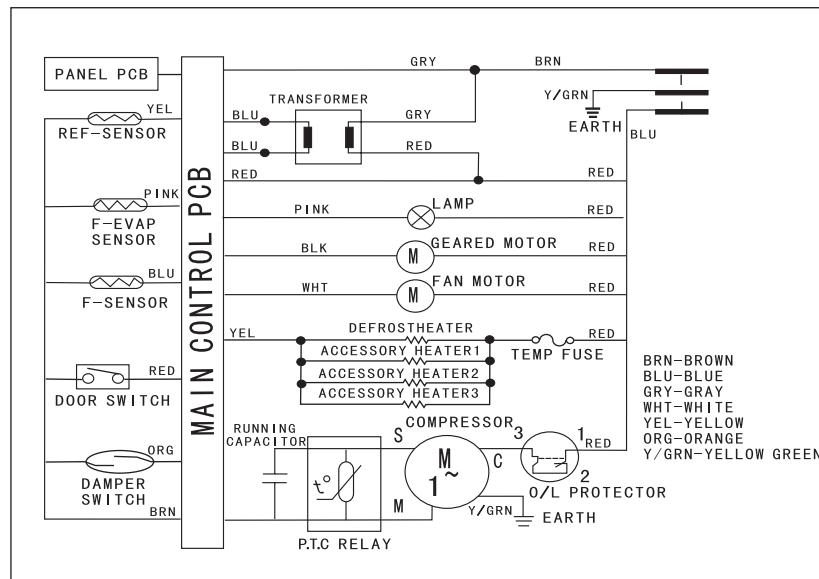
TECHNICAL PARAMETERS

DESCRIPTION	MODEL	RL33SBSW	RL33SBMS
Climate type		RL33EBSW	RL33EBMS
Electric shock proof		RL33EASW	RL33EAMS
Effective volume (L)	Total volume	290	
	Refrigerator	200	
	Freezer	90	
Rated voltage & frequency		220V-240V~/50Hz	
Total input power (W)		100	
Frost thaw power (W)		300	
Max.lighting power(W)		15	
Power consumption kWh/24h(25°C)		0.87	
Freezing capacity kg/24h		12	
Refrigerating agent and dosage(g)		R-600a,60g	
Weight (kg)		76	
Visual dimension(width*depth*hight)(mm)		595×646×1774	

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CIRCUIT DIAGRAM



Welcome to buy the world famous brand samsung refrigerator!

This manual includes six similar models of RL33SB*, RL33EA*, RL33EB*, where RL33EB* is dominator by descriptions.

Please read this manual and use it as instructed. The messages marked with "Warning" and "Notes" were about safety and of high importance. Please read it carefully and repeatedly.

WARNING Which means it is possible to cause potential and severe damage about dangerous issues if the instructions not followed.

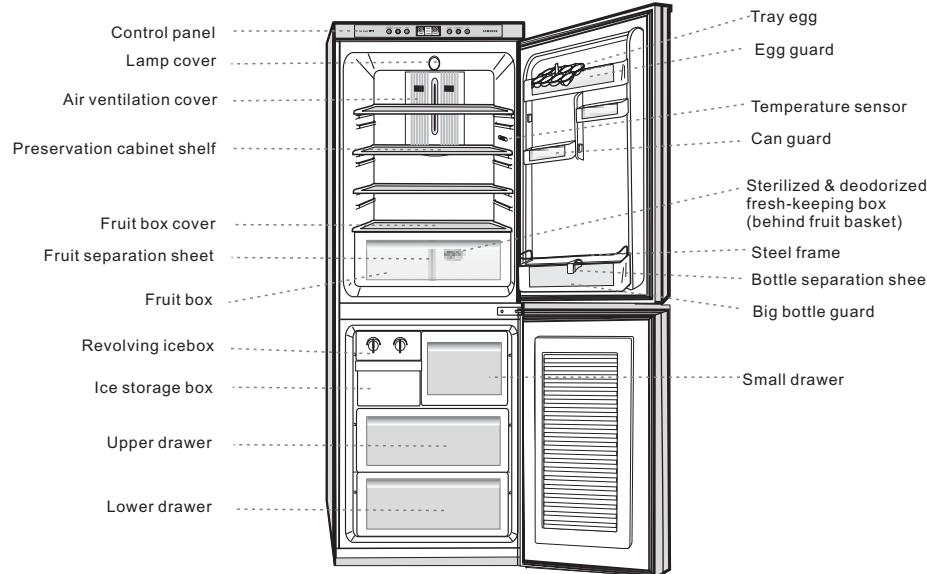
NOTES Which means it may cause slight damage or performance failure if certain cases not avoided.

PARTS DESCRIPTION

Product features

- ❖ Indirect cooling and frost-free: The refrigerator is the type of interval cooling and frost-free, auto defrost and even cabinet temperature.
- ❖ Double temperature display and double control modes:
The temperature of both cooling and freeze cabinets can be read and controlled respectively.
- ❖ Revolving icebox: convenient for ice-making and its preservation.

Structure introduction



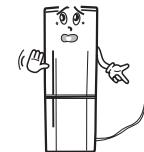
Attachment

Description		Model RL33SBSW RL33SBMS	Model RL33EBSW RL33EBMS	Model RL33EASW RL33EAMS
Cabinet attachment	Preservation cabinet shelf	3	3	3
	Fruit box cover	1	1	1
	Fruit box	1	1	1
	Revolving icebox	0	1	1
	Ice storage box	0	1	1
	Smaller drawer	0	1	1
	Upper drawer	2	1	1
	Lower drawer	1	1	1
Door attachment	Egg guard	1	1	1
	Can guard	2	2	2
	Big bottle guard	1	1	1
	Tray egg	1	1	1
	Bottle separation sheet	1	1	1
	Steel frame	1	1	1
Printed documents	User manual	1	1	1

TROUBLE SHOOTING

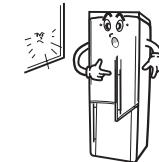
Refrigerator stops working

- The plug is connected improperly .



Long time running takes place

- Hot in summer.
- The door is opened and closed frequently.
- The temperature setting is too low.
- The ventilation outside of the unit is in bad situation.



The foodstuff in the refrigerator was frozen up.

- The temperature setting is too low.
- The foodstuff is in contact with the back cold resource.
- The appliance is under the state of deepfreeze.



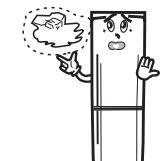
Refrigerator emits noise

- The inner items are not evenly placed.
- The refrigerator is installed unevenly.
- The unit is located too close to wall.
- The external refrigerating pipe is in collision with each other or the unit wall.
- There are foreign objects behind or under the unit.
- The noise is generated during compressor operation.



When the freezing function is not adequate.

- The door is not shut properly.
- The temperature setting is too hot.
- The door gasket is damaged or deformed, which impairs the sealing effect.
- The refrigerator is laid near heat resource and exposed in the sunlight.
- The refrigerator is stuffy inside.

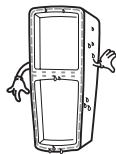


The water result from frost thaws floods in the refrigerator.

- The drainage outlet is blocked.

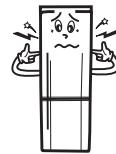
If it still does not work with above causes, please ask help from the appointed repair station with The Repair Guarantee Card, or call the SAMSUNG Technical Service Center.

TROUBLE SHOOTING



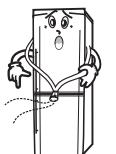
The front or side wall grows hot

- For the sake of restraining water steam condensing on the unit frame, the frame is embedded with dew proof pipe that will heat during the unit operation. It is not a problem.
- In both sides of the refrigerator was fitted with devices to drive off heat (condenser).



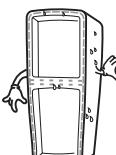
Ice crack sound.

- While refrigeratory starting to run or stopping, temporary ice crack sound may be heared because the inner mechanisms occurred inordinate heat expansionthe or cold shrink caused by severe temperature change,which is not a failure.



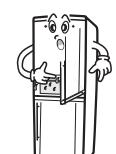
Bicker is heard.

- It's the sound arising from refrigeration agent when it flows.
- It is not malfunction.



Dew appears on the inner bottom and frame.

- The environment is too moist.
- Not a trouble, just wipe it by cloth.



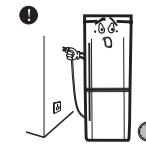
Dew is found in the fruit and vegetable room.

- It occurs when the door is open for a long time.
- The fluid food is not sealed.

SAFETY NOTES

- ◆ **Cautions:** If the supply cord is damaged, it must be replaced by the manufacturer or its service agent or a similar qualified person in order to avoid hazard.

The power cut-off should not be reconnected within 5 minutes to prevent the compressor being damaged.



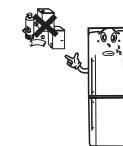
- ◆ Never use the combustible sprays like lacquer and paint near the machine for those will cause blasting hazard.



- ◆ Don't let children play with or hang on the unit as this will damage the unit or hurt children.



- ◆ Neither store inflammable, explosive items, strong acid and alkali corrosive items, such as butane, ether, benzene, sulfuric acid, gas, alcohol and so on, nor put the bottled fluid food in the freezer as the bottle might crack.

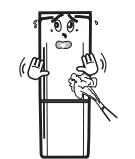


- ◆ When the refrigerator works in malfunction, or is damaged, operation shall be stopped immediately. Cut off the power and call the local service center.

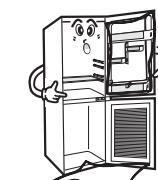
Damaged power cord should be replaced by the manufacturer representatives or the personnel with same qualification.



- ◆ Do not splash the water to the unit back as this will impair the insulation.



- ◆ In case of discard the refrigeratory, please discard the door seal at first.



SAFETY NOTES

NOTES /

- ◆ Please refer to product's model and No. while contrasting each other;
- ◆ Before power supply connected, please make sure the matching between refrigeratory's voltage range and supplied voltage. The optional voltage range is from 220V to 240V; if power supply not meeting the requirement, then the auto-transformer with minimum 500 W output power should be used.
- ◆ In case of power supply shutdown, wait for 5 minutes or longer interval for running again lest compressor damaged.
- ◆ Do not place food near temperature sensor lest negative effects to correct display of temperature sensor;
- ◆ In hot seasons, avoid to keep door open long time or to open and close frequently, otherwise the efficiency of total set shall be weakened, and the running load shall also be increased.
- ◆ Keep in mind and do not reverse or make it lie down. If necessary to make it incline, the gradient between cabinet and ground should be less than 45 degree;
- ◆ Do not move it by holding door handle; or to pull or draw the door handle forcibly;
- ◆ If abundant hot items placed in at one time, keeping it open long time or opening frequently, the cabinet temperature shall be increased, and temperature display also flashes. usually it shall recover within 24 hours.
- ◆ The appliance must be installed so that the plug is easily accessible .

WARNING /

- ◆ Keep ventilation openings, in the appliance enclosure or in the build-in structure, clear of obstruction.
- ◆ Do not use mechanical devices or other means to accelerate the defrosting process, other than those recommended by the manufacturer.
- ◆ Do not damage the refrigerant circuit.
- ◆ Do not use electrical appliances inside the food storage compartments of the appliance, unless they are of the type recommended by the manufacturer.

PRE-RUNNING ISSUES

1. Remove all package material and remove bottom pad before running.



2. Make the interior and external clean with mild wet cloth (little natural cleaner can be added to mild water).



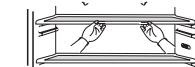
3. Keep it ready and after 1 hour, plug in the power supply. Please refer to the upper indication and conduct relative operations.

DISMOUNT METHOD OF ATTACHMENT

Attachment application

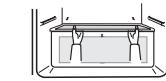
◆ Refrigerator shelf

Lift the shelf head and pull it out. (Position the shelf as per the container height)



◆ Fruit Box Cover

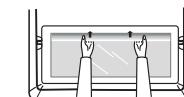
To raise up the rear portion, then take it out.



◆ Freezer tray

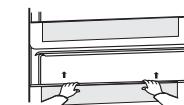
Draw out it till the block, lift the shelf rear and pull it out.

In case of heavy food stuff preserved in the drawer, hold drawer up slightly and pull it back.



◆ Egg guard and bottle guard

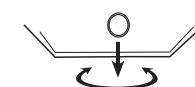
Lift them up to take them down.



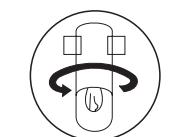
Cabinet Lamp Replacement

◆ Draw out the plug of power supply

To loose the screw behind the lamp cover. And take out lamp cover by means of unclenching along its edge with flat screw-driver.

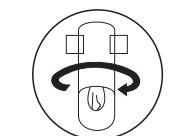


◆ To screw out the bulb anti-clockwise.



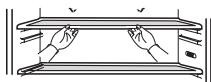
◆ To screw in new bulb clockwise.

To embed lamp cover again and fix the screw behind lamp cover.



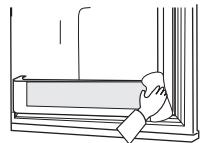
Lighting lamp specification: 220/240V, 15W ,E14

MAINTENANCE AND CLEANING



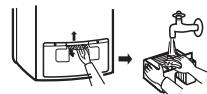
◆ Interior parts

Dismantle all shelves, bars, trays, covers and drawers, and clean with a warm damp cloth wiper.



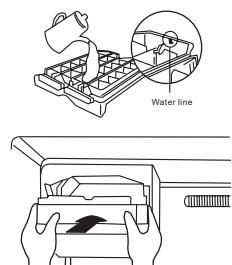
◆ Door Seal

To remove and clean the door seal, use the stick wrapped by cotton cloth to clean the notch position. If cleaned with water, then to clean it dry.



◆ Water tray

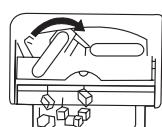
Screw off the screw in the compressor cover, pull up the water tray lightly and draw it out. Fix it as before after washing.



◆ Ice Making Method

Fill water into revolving ice box until water line arrived; place the ice box carefully to the ice-making shelf.

When taking out ice, turn the revolving ice box clockwise to its end and release it. Then ice can be loosed from ice making box. Store the ice in preservation box.



NOTES

- ◆ To draw out the plug of power supply;
- ◆ To make sure no water in lamp cover;
- ◆ To clean with neutral cleaner(recommended)

WARNING

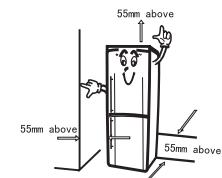
- ◆ Glass separation is moveable and very heavy. Please take care of children no touching lest injured.
- ◆ If the placement of refrigerator is not stable enough, it may produce abnormal noise.
- ◆ For first time running, it takes long time to cool down from room temperature to setting temperature. usually it stops in 3 hours and keeps normal running later.

INSTALLATION AND PLACING NOTES

- ◆ The refrigerator should be placed on the flat and firm floor. In case of any unevenness, regulate the adjustable foot under the body to level the refrigerator (counterclockwise means rising).



- ◆ leave 55 mm between the back of the unit, 55 mm between the unit and the wall and 55 mm above.



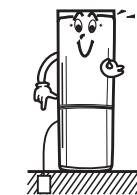
- ◆ The refrigerator shall be away from hot resource and direct sunlight.



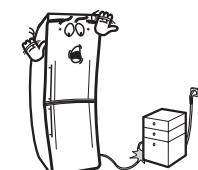
- ◆ Don't place the refrigerator in moisture as the metal parts will get rust and impair the insulation effects. In the event of natural disasters (such as rainstorm, accidents), the submerged unit shall not be put into use until nominated SAMSUNG service center repairs it and proves that it is in good condition.



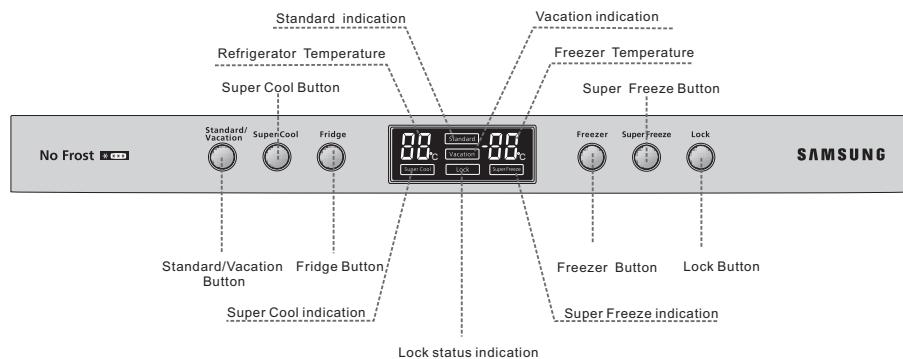
- ◆ Ground properly for personal safety. The refrigerator shall not be grounded via phone wire or gas pipe.



- ◆ Don't press the power cord.



CONTROL PANEL INTRODUCTION



1. Standard/Vacation Button

- ◆ 1-1. For saving energy, this product has three running modes: Standard , Vacation and user setting;
- ◆ 1-2. Standard : the refrigerator temperature was set to 5°C, the freezer temperature was set to run at -18°C.
- ◆ 1-3. Vacation: The refrigerate cabinet doesn't work, where the freezer keeps normal running;
- ◆ 1-4. User setting: The user setting modes covered all conditions except refrigerator temperature at 5°C and freezer temperature at -18°C.(Where in user setting mode, there was no indication of "User Setting").
- ◆ 1-5. In case of first time power supplied, the refrigerator starts to run automatically in the mode of "Standard" ; upon "Standard/Vacation" Button pressed down, the running modes shall skip repeated along the cycle of "Standard" , "Vacation" and "User setting".
In case of not user setting, the running modes shall be selected by the turn of "Standard" and "Vacation" when the "Standard/Vacation" Button was pressed.

2. Fridge Button

- ◆ 2-1. Press down the button to set refrigerator temperature.
- ◆ 2-2. Press down the "Fridge" Button and you will hear "Ringing". The indicator displays the current setting of refrigerator temperature.Press the button again to change the setting of refrigerator temperature. Each pressing will make temperature setting display as following steps 5 °C→4 °C→3 °C→2 °C→1 °C→9 °C→8 °C→7 °C→6 °C→5°C.
- ◆ 2-3. Pressing down the temperature button every time will make a "Ringing" sound;
- ◆ 2-4. The setting value shall be confirmed once stopping pressing 5 seconds. it displays the current setting of refrigerator temperature.
- ◆ 2-5. There was no refrigerator temperature indication in the mode of "Vacation". No pressing sound produced after button pressed down.

STORING FOODS

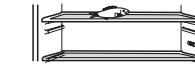
- ◆ Pack the foods with freshness reserving bags (films) or seal the food container with a lid to prevent drying or bad odor escaping.



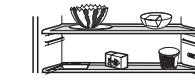
- ◆ Hot food and drink should be cooled to the room temperature before putting into the refrigerator.



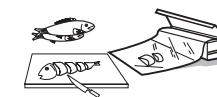
- ◆ The cooked and raw foods shall be placed separately.



- ◆ Please do not put the goods near the temperature sensor to ensure the correct indication of temperature.



- ◆ Store foods in smaller portions.



- ◆ Dry the fruits and vegetables for storage after washing.



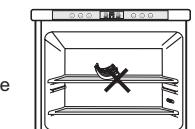
- ◆ Fruits and vegetables shall be placed in the fruit and vegetable room to retain their water content and freshness.



NOTE

The tropic fruit, such as bananas and pineapples, were not suitable to preserve in the refrigerator;

Do not store the items with rigorous temperature requirements, such as blood serum, bacterin, academic data and so on.



FIRST POWER SUPPLY & TEMPERATURE ADJUSTMENT



When the power is switched on, all lamps are alive for 2 seconds and the appliance enters the setting mode (3 lamps on) automatically, leaving the refrigerating temperature at 5°C and the freeze temperature at -18°C.

- ◆ The appliance generally runs at the default temperature (3 lamps on) that may be adjusted by the user for particular purposes.

CONTROL PANEL INTRODUCTION

3. Freezer Button

- ◆ 3-1. Press "Freezer" Button to set freezer temperature.
- ◆ 3-2. Press down the "Freezer" Button and you will hear "Ringing". The indicator displays the current setting of freezer temperature. Press the button again to change the setting of freezer temperature. Each pressing will make temperature setting display as following steps -18 °C → -19 °C → -20 °C → -21 °C → -22 °C → -23 °C → -15 °C → -16 °C → -17 °C → -18 °C.
- ◆ 3-3. Pressing down the "Freezer" Button every time will make a "Ringing" sound;
- ◆ 3-4. The setting value shall be confirmed once stopping pressing 5 seconds. It displays the current setting of freezer temperature.
- ◆ 3-5. The freezer temperature can be set in any mode.

4. Open-door alarm Function

- ◆ 4-1. In case of refrigerator door keeping open in a long time, it will make "Hooting" sound to remind you to close the door.

5. Super Cool and Super Freeze Buttons

- ◆ 5-1. It is recommended to use this function in case of abundant food preserved in the cabinet or any requirements of "Super Cool";
- ◆ 5-2. Press down the "Super Cool" Button in the upper panel to enter the status of "Super Cool", and "Super Cool" characters can be read there.
- ◆ 5-3. Press the button again to exit the mode of "Super Cool" or after 1.5 hours' successive and "Super Cool", it shall automatically exit the mode of "Super Cool".
- ◆ 5-4. It is recommended to use this function in case of abundant food preserved in the cabinet, making ice or for any requirements of "Super Freeze";
- ◆ 5-5. Press down the "Super Freeze" Button in the upper panel to enter the status of "Super Freeze", and "Super Freeze" characters can be read there.
- ◆ 5-6. Press the button again to exit the mode of "Super Freeze" or after 2 hours' successive and "Super Freeze", it shall automatically exit the mode of "Super Freeze".
- ◆ 5-7. The temperature of "Super Cool" and "Super Freeze" can be set in the mode of "Super Cool", but actually it will run after exiting the "Super Freeze" Mode.

6. Failure Alarm Function

- ◆ 6-1. To call professional personnel for repair in case of following problems occurred.
- ◆ 6-2. The temperature indication displays as "r5", "d5" "f5" or "rd", it shows that the refrigerator works in trouble; till repair, it will run as time setting of starting and stopping.

CONTROL PANEL INTRODUCTION

7. Lock Function

- ◆ 7-1 After setting and 2 minutes passed, it entered the automatical lock status;
- ◆ 7-2 The lock indication shows that, upon button pressed, there were no pressing sound or relative responses.
- ◆ 7-3 In lock status, press "Lock" button in the control panel to unlock the setting.
- ◆ 7-4 In unlock status, press "Lock" button in the control panel to lock the setting.

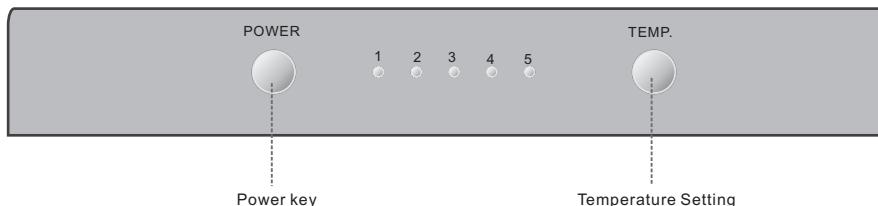
FIRST POWER SUPPLY & TEMPERATURE ADJUSTMENT



Upon power supplied, all indications read as 2 seconds. The "Standard" displays as refrigerator setted to run automatically in the standard mode. The temperature setting of refrigerator is 5 °C, where that of freezer is -18°C. The temperature of cooling and freeze cabinets shall display with the music of activating running.

- ◆ To set cabinet temperature. It is common to run in the standard mode, and also adjustable based on the actual use requirements of users.

CONTROL PANEL INTRODUCTION



1.Temperature Setting Key

- ◆ 1-1.Press down Temperature Setting Key and set refrigeration temperature.
- ◆ 1-2. If the TEMP SETTING key is activated, the appliance will display the current setting that may changed by repeat pressing actions. There are 5 temperature options you may take. The temperature setting will change in cycle with key press. More are the lamps on, the temperature is lower.
- ◆ 1-3. Some setting is confirmed and shown as the current temperature after a pause up to 5 seconds.

2.Power key

- ◆ 2-1.While refrigerator is running, keep pressing down Power Key 3 seconds and all indication lamps light off. The refrigerator stops running.
- ◆ 2-2.In case of repressing down Power Key 3 seconds, the refrigerator recovers running.

3.Failure Running Function

- ◆ 3-1.Inform authorized personal for repair service in case of any following problems happening;
- ◆ 3-2.When indication lamp flashing, it shows the refrigerator is in trouble.

NOTE

Disconnect the plug from power socket for any cleaning service.