

Contents

Product Introduction

Features of Product.....	2
Name of Part.....	4
Safety Information.....	5
Transportation and Placement.....	6
Electrical Connections.....	7
Product Standards.....	7

Operation

Preparation for Use.....	8
Fascia and Operation Panel on Door.....	8
Switching on.....	10
Standard Display Information.....	10
Menu Introduction.....	11
Change of Settings.....	16
Refrigerator Compartment Adjustment.....	17
Freezer Compartment Adjustment.....	19
Cooling off and Freezing off.....	22
Refrigerator Compartment.....	23
Freezer Compartment.....	25
Alarm Information.....	28

Cleaning and Maintenance

Defrosting.....	30
Cleaning.....	30
Key Points for Energy Saving	30
Others.....	31

Common Problems, Analysis and Elimination of Faults

Common Problems.....	32
Analysis and Elimination of Faults.....	33

Technical Parameters and Packing List

Technical Parameters.....	34
Packing List.....	34

Common Refrigerator Knowledge

Noise Tips (I).....	35
Noise Tips (II).....	36

Customer Service

Warranty Instructions	37
Service Promises.....	38
Warranty Card.....	39

Product Introduction

Features of Product

■ LCD display screen

It is a LCD dot-matrix display controlled by a touch screen and capable of displaying a large amount of information with multi-menu selection. Its external appearance is distinct and easy to read.

■ Two-compressor refrigerating systems

With two compressors, the two completely separated refrigerating systems can convert multiple temperature zones from one to another.

■ Conversion among multiple temperature zones

By the computer control system, the refrigerator compartment can be converted to the variable-temperature freezer compartment and the bio-fresh compartment, and the freezer compartment can be converted to the refrigerator compartment and the bio-fresh compartment.

■ Multi-language selection

There are 16 languages, including Chinese, English, and German, in the operating system available for selection.

■ Humidity adjustment function

The refrigerator compartment is provided with a humidity adjustment function, which can keep food fresh for a longer period of time more effectively.

■ Food storage information

The information database about large food storage can guide the user to store food more reasonably.

■ Display of ambient temperature and working status

The system can display the room temperature and the working status of the refrigerator.

■ Bio-fresh technology

With the separated refrigerating systems, cool air circulation system as well as the humidifier, the refrigerator temperature is maintained at nearly 0°C. Under this condition, growth, and reproduction of microorganisms (such as bacteria, yeast, and mildew) is inhibited effectively. Thus, food can be kept fresh two to three times longer when preserved using conventional methods.

■ Variable-temperature freezing, economical and practical

Meat to be stored for a short time can be frozen superficially, so that it can be kept fresh for a longer time without being frozen too hard. Thus, there is no need to thaw it before cooking.

■ Frost-free refrigerator

Defrosting is performed automatically for the refrigerator and freezer compartments. A cooling fan is designed in the refrigerator and freezer compartments respectively to force cool air circulation, which will make the temperature drop quickly and keep the temperature even throughout the compartment.

■ Highly effective energy saving

High efficiency compressor and thickened foamed layer are used for higher refrigerating efficiency and energy-saving improvement.

■ Range of luxurious wide doors with European optimized man-machine design

It has no handle on the door and can be opened by pushing against any part of it.

■ **Intelligent temperature correction**

For different ambient temperatures, the control system can perform temperature compensation within the refrigerator to ensure a more stable temperature.

■ **Intelligent fan**

The fans in the refrigerator and freezer compartments are started intelligently and can be controlled automatically by the computer control system in accordance with the ambient temperature and the requirements of the refrigerating system.

■ **Super-cooling function, fast and convenient**

With the unique super-cooling function of SIEMENS, the temperature of the refrigerator compartment can be rapidly lowered to 2°C, giving improved effects of keeping food fresh and chilling drinks.

■ **Super-freezing function, powerfully keeping food fresh**

With the unique super-freezing function of SIEMENS, food can be frozen to a temperature below -18°C within the shortest time, thus keeping food fresh more scientifically.

■ **Low noise**

Since a series of noise reduction technologies are used, noise can be reduced as much as possible.

■ **Wide climate zone design**

The product is designed for a wide range of climate zones, from sub-temperate to subtropical.

■ **R600a refrigerant, pioneer in environmental protection**

Both the refrigerant R600a and the foaming agent are hydrocarbons, and will not damage the ozone layer or contribute to the greenhouse effect.

■ **Safe and reliable glass**

Safety glass shelves are made from safe, beautiful, and durable toughened glass.

■ **Removable door seal, easy for cleaning**

The special removable door seal is durable with strong adhesion, and can be cleaned easily.

■ **Left-right door opening feature**

The door can be opened from either direction for more convenient placement of the refrigerator.

■ **Alarm system**

● Over-time alarm system

When the door has been continuously opened for a long time, the computer system will alert the user automatically with an alarm to close it.

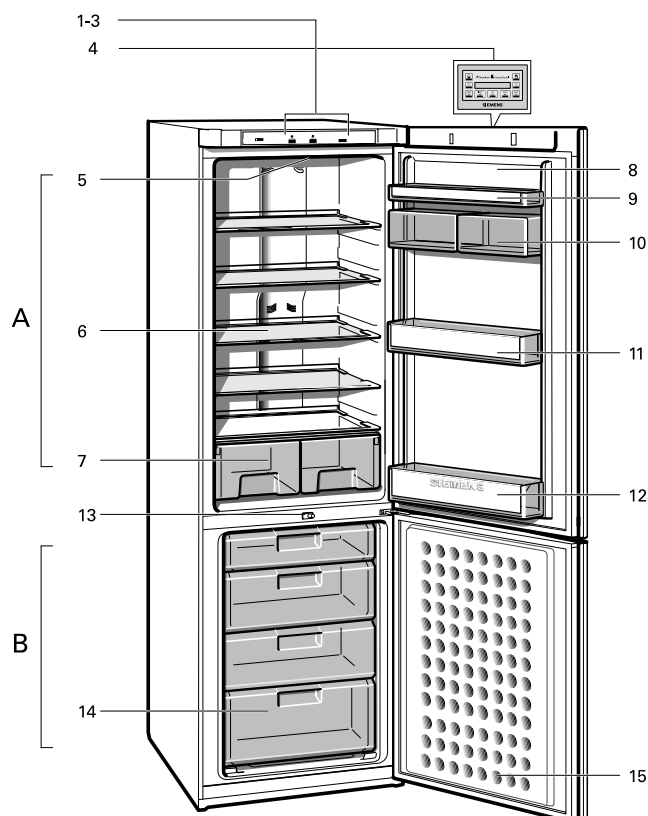
● Over-temperature alarm

When the freezer compartment temperature is higher than the alarm temperature, the computer system will alert the user automatically with an alarm.

Product Introduction

Name of Part

All the illustrations in this manual are schematic. Some characterizations and apparatuses may be not consistent with your refrigerator type, and the specific structure and configuration are subject to the specific product.



A Refrigerator compartment

(convertible to fresh compartment / variable-temperature freezer compartment)

B Freezer compartment

(convertible to refrigerator compartment / fresh compartment)

- | | |
|---------------------------------|------------------------------------|
| 1-3 Fascia | 10 Dairy box |
| 4 Operation panel on door | 11 Medium bottle tray |
| 5 Interior light | 12 Big bottle tray |
| 6 Glass shelf | 13 Freezer compartment door switch |
| 7 Vegetable basket | 14 Freezer drawer |
| 8 Refrigerator compartment door | 15 Freezer compartment door |
| 9 Short bottle tray | |

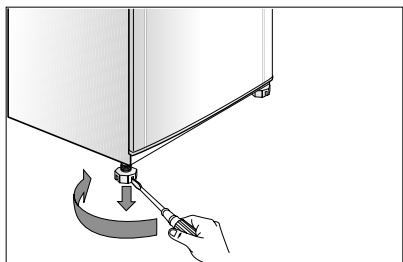
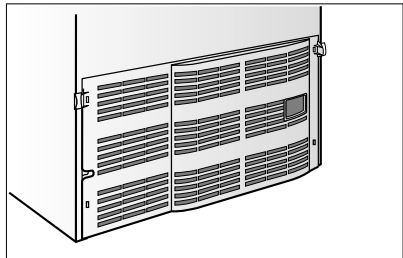
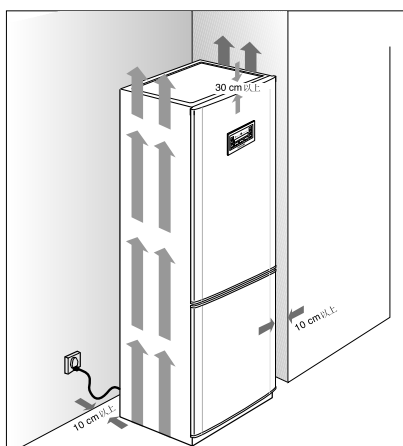
Product Introduction

Safety Information

- A separate three-pin power supply socket with a grounding wire must be used.
- The power cord must not be squeezed, folded, knotted or damaged. If the power cord has been damaged during transportation or installation, please contact the local customer service center immediately to have the cord replaced. There is the risk of possible electrical shock or fire if a damaged cord is plugged into a power source.
- The power supply plug **must** be removed from the socket during refrigerator maintenance or cleaning.
- To avoid breaking the cord, **never** pull the cord when removing the plug from the wall.
- **Never** put inflammable or explosive materials, such as alcohol or gasoline in the refrigerator.
- **Never** put glass bottles or cans containing liquid in the freezer compartment, since they may crack or break after thorough freezing.
- Do **not** touch frozen food or metal containers in the freezer compartment with wet hands, as fingers may be injured due to the low temperature.
- ⚠ **Warning**-The refrigeration tubing must not be damaged. The refrigerant in the tubing can cause serious injury if contacting the eyes. In case of emergency, immediately wash the eyes and go to a hospital for treatment.
- ⚠ **Warning**-Except for those recommended by our company, mechanical tools or others must not be used to speed defrosting.
- ⚠ **Warning**-Except for the categories recommended by our company, electrical appliances must not be used in the compartments. Do not place electrical appliances such as microwave ovens, electrical cookers or stabilizers on the top of the refrigerator.
- ⚠ **Warning**-Good unobstructed ventilation must be maintained within the housing and the nested structure of the refrigerator.

Product Introduction

Transportation and Placemen



■ Transportation

- ⚠ The refrigerator should not be moved by holding it by the door or door handle. It should be lifted from the bottom.
- ⚠ The refrigerator should not be laid on its side or turned upside down.

■ Placement

- ⚠ The refrigerator should be placed in dry and well ventilated room, with a side and back clearance of at least 10 cm, and a 30cm clearance on top.

- ⚠ The ventilation grid on the compressor cover at the back of the refrigerator must not be covered or blocked. Avoid placing the refrigerator close to a heat source or subjecting it to direct sunlight.

■ Foot Adjustment

- When placing the refrigerator, please ensure that the two front plastic foot screws can be adjusted to a proper height.
- Place the refrigerator in a stable and level position. Adjust the two foot screws with a flat screwdriver or spanner on the side in the direction shown by the arrow, so that the refrigerator can be kept in an upright and stable condition. To avoid vibration and noise, be sure the plastic foot screws are securely on the ground.

■ Altering the Door Opening Directions

In case the door-open direction needs to be changed for room arrangement or other reasons, please contact the local service center, and door-to-door service will be provided.

Product Introduction

Electrical Connections

- The rated voltage of the refrigerator is 220V, the rated frequency 50Hz, and the permissible voltage fluctuation range is 187~242V.
- To ensure safe operation, the socket and its connection wires must be able to withstand a current over 10A.

Product Standards

This series of refrigerators based on the following national standards:

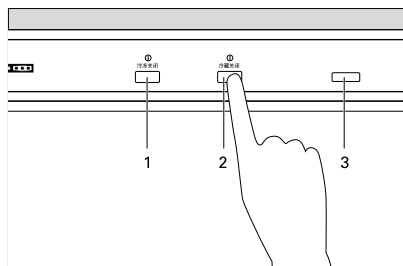
- **GB/T8059.4-93**
Household refrigerating appliances: Household refrigerating appliances - Frost-free refrigerators, frost-free refrigerator-freezers, frost-free frozen food storage cabinets and frost-free food freezers
- **GB4706.1-1998**
Safety of household and similar electrical appliances Part 1: General requirements
- **GB4706.13-2004**
Safety of household and similar electrical appliances - Particular requirements for refrigerators, food-freezers and ice-makers
- **GB12021.2-2003**
The maximum allowable values of the energy consumption and energy efficiency grade for household refrigerators

Operation

Preparation for Using

- Remove all packing components, including the bottom foam pad underneath the refrigerator, and pads and adhesive tapes inside the refrigerator securing accessories.
- Check and count all accessories and documents against the packing list.
- Place the refrigerator at a proper location and follow the instructions in "Transportation and Placement".
- Clean the refrigerator compartment and freezer compartment as well as the outside of the appliance, according to the related instructions on Page 16.
- Wait more than 30 minutes before connecting to the wall socket.

Fascia and Operation Panel on Door

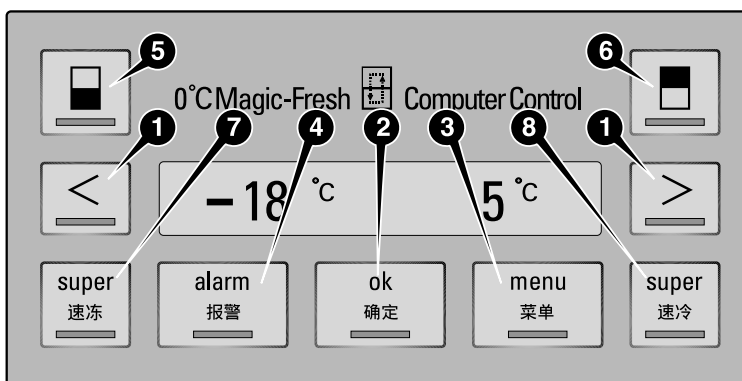


Fascia

- **Freezing off 1**
Press the button to start or stop the freezer compartment. "□" indicates ON, and "□" indicates OFF.
- **Cooling off 2**
Press the button to start or stop the refrigerator compartment. "□" indicates ON, and "□" indicates OFF.
- **Door light ON/OFF button 3**
Switch of the interior light in the refrigerator compartment.

Operation panel on door

The operation panel on door is a touch display. To fully take advantage of all functions of the refrigerator, first get familiar with the functions of the touch buttons. When each touch button is touched, the corresponding function is activated. Each button and its functions will be described in details below:



Operation

❶ Left-right adjusting buttons "<" and ">"

- Select parameters.
- Select submenus.

❷ OK button

- Touch the button, then the selected parameters can be acknowledged.
- If you change the parameters through the left-right adjusting buttons "<" and ">" , without touching the OK button, the previous setting will remain valid.

❸ Menu button

It is used to select the menu items (See the following descriptions for details). Press it to jump to the next menu item.

❹ Alarm button

- Under freezing conditions, when the freezer compartment temperature is a little high, the alarm indicator light will be on and an alarm sound will be given out. Touch the button, then the alarm sound can be cancelled.
- When the freezer or refrigerator compartment door is kept open for more than 1 minute, the alarm indicator light will be on, and an alarm sound will be given out; at the same time, the screen will display "Door is open!" to remind you to close the door.

❺ Freezing button

- Touch this button to set the freezer compartment temperature.
- You can also select the temperature change function of the freezer compartment.

❻ Cooling button

- Touch this button to set the refrigerator compartment temperature.
- You can also select the temperature change function of the refrigerator compartment.

❼ Super freezing button

- Touch this button to start or stop the super freezing function.
- When the freezer compartment is converted to the refrigerator compartment, if this button is touched, the super cooling function will be started or stopped.

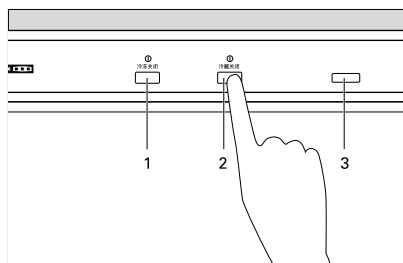
❽ Super cooling button

Touch the button, then the super cooling function can be activated or stopped.

Note: Only the lightened buttons can be operated, except for the "alarm" button.

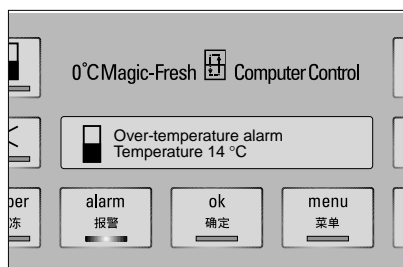
Operation

Operation



Switching on the refrigerator

Turn on the power supply, open the refrigerator compartment door, and check if buttons 1 and 2 are pressed.



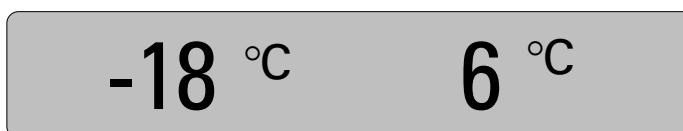
Switching on for the first time

Once the refrigerator is started, the screen will display the over-temperature alarm of the freezer compartment. It is as shown in figure to the left.

At this moment, if the "alarm" button is touched, the alarm sound will be closed.

Standard Display Information

The set temperature of the freezer compartment is displayed on the left, and the set temperature of the refrigerator compartment is displayed on the right.



- If the super cooling function or the super freezing function of the refrigerator compartment or freezer compartment is set by the "super cooling" or "super freezing" button, the set temperature value and the corresponding information will be displayed (as shown in the figure, ❶ "Super" is the super freezing information of the freezer compartment).
- If specific functions are started, the corresponding signs will be displayed in the middle part of the screen (as shown in the figure, ❷ "button lock" sign).



Operation

Menu Introduction

Select each menu item according to the sequence of the "menu" button. For example, touch the "menu" button to enter "Indication" from "Storage suggestion". Four submenus will appear after the "menu" button is touched:

■ Storage suggestion

This menu item provides the suggestions on the storage periods and storage temperature zones for different kinds of food.

recommended storage 1.0
< frozen fresh >

- Touch the "<" button to select the storage suggestion on frozen food.
- Or touch the ">" button to select the storage suggestion on fresh food.(as shown in the figure below)

eggs
2-3 weeks

The displayed information includes

Suggested storage temperature zone (such as refrigerator compartment).

- The longest storage period (for example, the above figure shows that eggs can be stored in the refrigerator compartment for 2-3 weeks).

This information will be displayed for 1 minute. If you do not operate any button during this period, the displayed information will be restored to the "Storage suggestion 1.0 " menu item automatically.

- Touch the "menu" button again, then you can enter the subordinate items.


Note: Only if the temperatures of the refrigerator and freezer compartments do not vary, will the "Storage Suggestion" menu appear after the "menu" button is touched. If the refrigerator compartment is converted to the bio-fresh compartment or the variable-temperature freezer compartment and the freezer compartment is converted to the bio-fresh compartment or the refrigerator compartment, the "Storage suggestion" menu will not appear after the the "menu" button is touched. Instead, you will enter the "Indication" menu directly.

Operation

■ Indication information

display 3.0
< room temp. status >





- In this menu, you can touch the "<" button to display the room temperature.

 26 °C

- Or touch the ">" button to display the current working status of the refrigerator.

Status O.K.    

These signs indicate the current working status of the refrigerator.

-  indicates the working status of the compressor
-  indicates the working status of the fan
-  indicates the defrosting status of the refrigerator
-  indicates the opening/closing status of the refrigerator doors

The information will remain displayed until you touch the "menu" button to switch to the "Indication" menu.

■ Customer service telephone

Here, you can enter the local customer service telephone number or change it as required by touching the ">" button.

customer service no. 4.0
change >

- The cursor can be moved from the left by the ">" button to select the digit placed on a certain position.
- The digit can be changed from "9" by the "<" button.

customer service no.
4 5 2

Operation

■ Adjustment

adjustment 5.0
select >

- Touch the ">" button, then the alarm sound volume adjustment appears.
- Use the "menu" button to return to the default display.

Adjusting the default settings under the menu

alarm volume 5.1
0 1 2 3

- Touch button "<" or ">" to select the alarm volume value, and then touch the "ok" button to acknowledge.
- Use the "menu" button to switch to the next step.

brightness 5.2
0 1 2 3

- Touch button "<" or ">" to select the brightness value, and then touch the "ok" button to acknowledge (0 = OFF).
- Use the "menu" button to switch to the next step.

temperature 5.3
°C °F


- Touch button "<" or ">" to select a temperature unit, and then touch the "ok" button to acknowledge.
- Use the "menu" button to switch to the next step.

Operation

language: English 5.4
da de **en** es fr it nl...

- Press button "<" or ">" to select the menu language (for example, "zh" represents Chinese, "en" represents English, and "de" represents German), and then press the "ok" button to acknowledge.
- Use the "menu" button to switch to the next step.

child lock 5.5
ON **OFF**

- Touch button "<" or ">" to select ON or OFF of the button lock function, and then touch the "ok" button to acknowledge.
- When the button lock function takes effect, the operation panel will be locked. At this moment, "  " will be displayed in the default information. If some button is touched, the information in the following figure will be displayed.

deactivate child lock:
menu 5 sec

Note: The "alarm" button for displaying the alarm information is an exception.

After you touch the "menu" button for 5 seconds, the button lock function is cancelled.

display sleep mode 5.6
ON **OFF**

- Touch button "<" or ">" to select ON or OFF of the screen sleep mode, and then touch the "ok" button to acknowledge.
- When the screen sleep mode takes effect, the screen light and the activated button will be closed after 10 seconds.

Operation

save energy mode 5.7

ON OFF

- Touch button "<" or ">" to select ON or OFF of the energy saving mode, and then touch the "ok" button to acknowledge.
- When the energy saving mode takes effect, the temperatures of the refrigerator and the freezer compartments will be adjusted to the temperature of the energy saving status from the previously set temperature. The sleep mode will take effect simultaneously. The "eco" sign will be displayed in the default information.
- When the user resets the refrigerator temperature, the energy saving mode will be cancelled automatically.



dehumidific.

5.8

1 2 3

- Use button "<" or ">" to select the desired dehumidification value.
- Touch the "ok" button to acknowledge the selection.
- 1 represents high humidity, 2 represents normal status, and 3 represents low humidity.

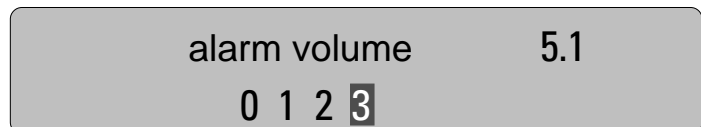
Note: Only the refrigerator compartment is provided with the humidity adjustment function. When the refrigerator compartment is converted to the bio-fresh compartment or the variable-temperature freezer compartment, the humidity adjustment function will be removed, so the "Dehumidifying" menu will not appear.

Operation

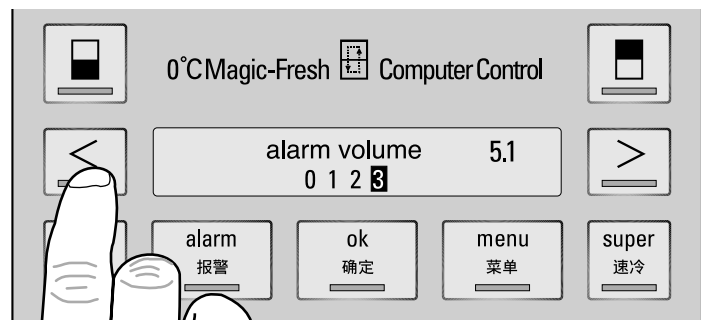
Change of settings

Changing the default settings, such as changing the alarm volume

- Touch the "menu" button continuously until "Adjustment 5.0" is displayed on the screen, and then touch the ">" button to enter the menu as shown in the following figure.



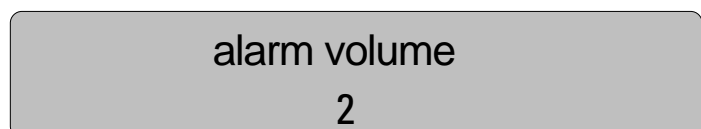
- Use button "<" or ">" to select the desired alarm volume value.



- Touch the "ok" button to acknowledge the selected alarm volume.



- The alarm volume information as shown in the following figure will be displayed.




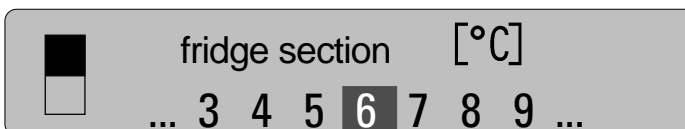
- If no button is touched after that, it will return to the default display in 10 seconds.
- If the "menu" button is touched, the display will be switched to the next adjustment.

Operation

Refrigerator Compartment Adjustment

Refrigerator compartment temperature adjustment

- The temperature of the refrigerator compartment can be adjusted between +2°C and +10°C (The default setting is +6°C).
- Method to change the temperature:
 - Touch the cooling button 



- Use button "<" or ">" to select the desired temperature value.
- Touch the "ok" button to acknowledge the selection.

uper cooling mode

- In the super cooling mode, the refrigerating system of the refrigerator compartment will run for about 6 hours at +2°C, and then be restored to the original setting status automatically.
- Starting the super cooling mode:
 - Touch the "super" (速冷) button 8. When the information as shown in the following figure is displayed, it indicates the super cooling mode takes effect.



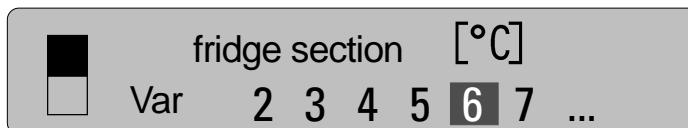
- Touch "super" (速冷) button 8 again, then the super cooling mode will be cancelled.
- It is suggested that the super cooling mode be started in the following cases:
 - Before you put fresh food into the refrigerator;
 - When you want to cool drinks quickly.

Adjustment for temperature change of refrigerator compartment

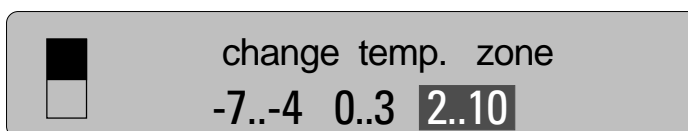
- **Temperature adjustment for converting the refrigerator compartment to the bio-fresh compartment**
 - The temperature of the bio-fresh compartment can be adjusted between 0°C and +3°C.
 - Method to change the temperature

Operation

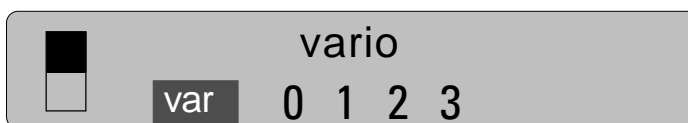
Touch the cooling button 



Use the "<" button to select "Change temperature", and then touch the "ok" button to acknowledge the selection. The information as shown in the following figure will be displayed on the screen.



Use the "<" button to select "0..3", and then touch the "ok" button to acknowledge the selection. The information as shown in the following figure will be displayed on the screen.



Use button "<" or ">" to select the desired temperature value. We suggest you select 1.

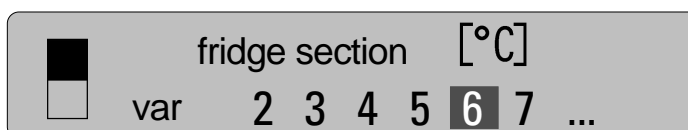
Touch the "ok" button to acknowledge the selection, and then the screen displays the information as shown in the following figure.



■ Temperature adjustment for converting the refrigerator compartment to the variable-temperature freezer compartment

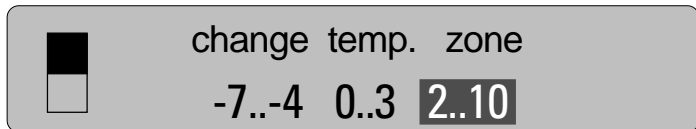
- The temperature of the freezer compartment can be adjusted between -7°C and -4°C.
- Method to change the temperature

Touch the cooling button 

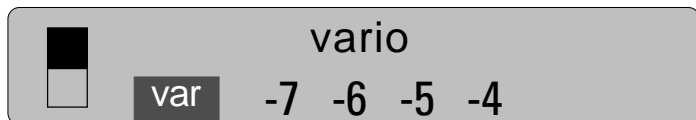


Operation

Use the "<" button to select "Change temperature", and then touch the "ok" button to acknowledge the selection. The information as shown in the following figure will be displayed on the screen.



Use the "<" button to select "-7..-4", and then touch the "ok" button to acknowledge the selection. The information as shown in the following figure will be displayed on the screen.



Use button "<" or ">" to select the desired temperature value, such as -5.

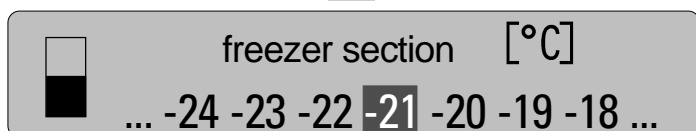
Touch the "ok" button to acknowledge the selection, and then the screen displays the information as shown in the following figure.



Adjustment of Freezer Compartment

Freezer compartment temperature adjustment

- The temperature of the freezer compartment can be adjusted between -26°C and -15°C (The default setting is -18°C). Moreover, there are "energy saving" and "slight freezing" settings.
- Method to change the temperature:
 - Touch the freezing button



- Use button "<" or ">" to select the desired temperature value.
- Touch the "ok" button to acknowledge.

Operation

- If the set freezer compartment temperature is in energy saving status, the screen will display the information as shown in the following figure.



- If the set freezer compartment temperature is in slight freezing status, the screen will display the information as shown in the following figure.



Super freezing mode

- In the super freezing mode, the refrigerating system of the freezer compartment will run for about 50 hours at -28°C, and then be restored to the original setting status automatically.
- Super freezing function is used to freeze fresh food. You should start it 3 hours before putting in the fresh food.
- Starting the super freezing mode
 - Touch the "super" (速冻) button 7. When the information is displayed as shown in the following figure, it indicates the super freezing mode takes effect.

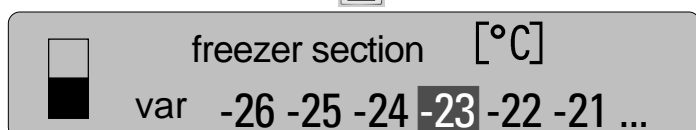


- Touch the "super" (速冻) button 7 again to cancel the super freezing mode.

Adjustment for temperature change of freezer compartment

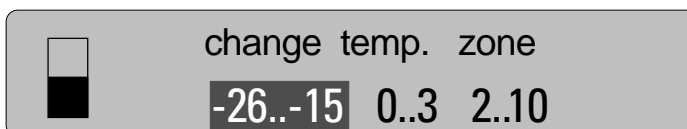
- Temperature adjustment for converting the freezer compartment to the bio-fresh compartment
- The temperature of the bio-fresh compartment can be adjusted between 0°C and +3°C.
- Method to change the temperature:

Touch the freezing button 

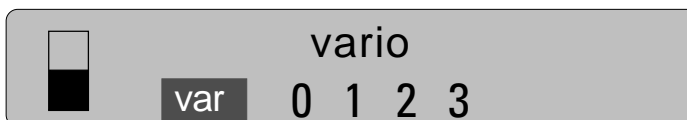


Operation

Use the "<" button to select "Change temperature", and then touch the "ok" button to acknowledge the selection. The information as shown in the following figure will be displayed on the screen.

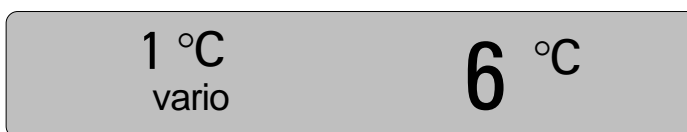


Use the ">" button to select "0..3", and then touch the "ok" button to acknowledge the selection. The information as shown in the following figure will be displayed on the screen.




Use button "<" or ">" to select the desired temperature value. We suggest you select 1.

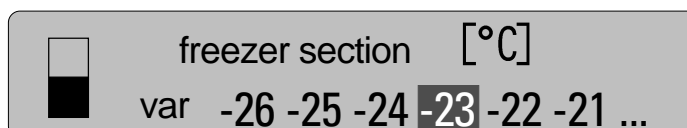
Touch the "ok" button to acknowledge the selection, and then the screen displays the information as shown in the following figure.



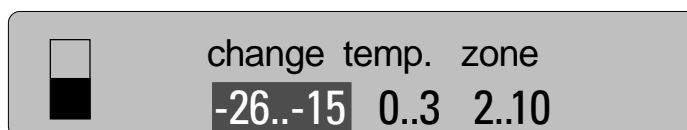
■ Temperature adjustment for converting the freezer compartment to the refrigerator compartment

- The temperature of the refrigerator compartment can be adjusted between 2°C and 10°C.
- Method to change the temperature:

Touch the freezing button 

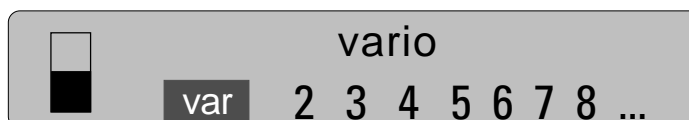


Use the "<" button to select "Change temperature", and then touch the "ok" button to acknowledge the selection. The information as shown in the following figure will be displayed on the screen.



Operation

Use the ">" button to select "2..10", and then touch the "ok" button to acknowledge the selection. The information as shown in the following figure will be displayed on the screen.

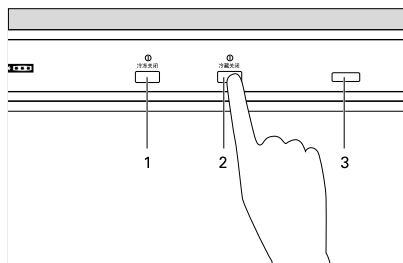


Use button "<" or ">" to select the desired temperature value, such as 4.

Touch the "ok" button to acknowledge the selection, and the screen displays the information as shown in the figure below.

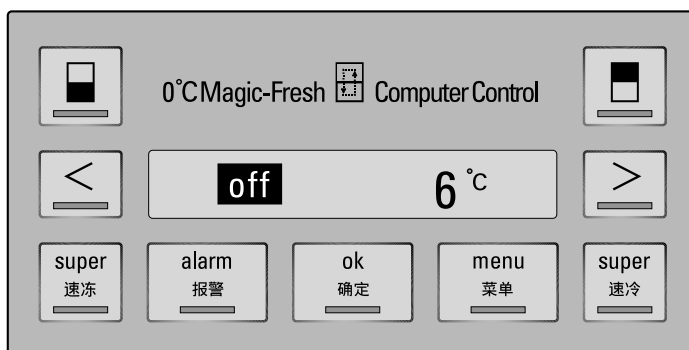


Cooling off and Freezing off



Buttons 1 and 2 on the fascia are used to turn on or turn off the freezer and refrigerator compartments, respectively. The user can turn on or turn off either of two compartments as needed.

- When both of the compartments are turned off, there will be no signal on the screen.
- When both of them are turned on, the screen will display the relevant information of the two compartments.
- When one is turned on and the other is turned off, the screen displays the information of the one which has been turned on, and displays **OFF** for the other. For example, the following figure shows that the relevant functions of the freezer compartment have been turned off while the refrigerator compartment is working.

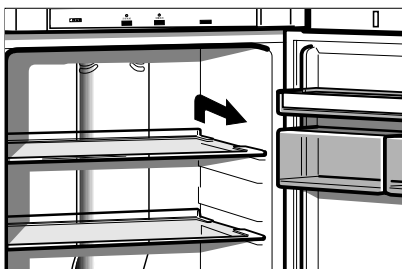


Operation

Refrigerator Compartment

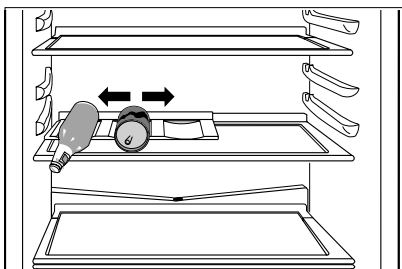
The refrigerator compartment has a separated refrigerating system. Besides being used as the refrigerator compartment, it can also be converted to the bio-fresh compartment and the variable-temperature freezer compartment, if its temperature zone is changed.

The refrigerator compartment is mainly used for short-term storage of fresh food.



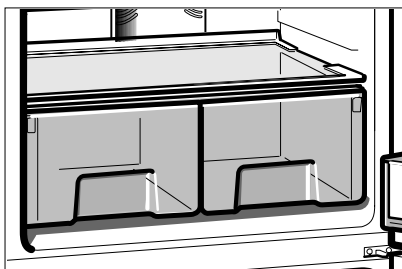
■ Glass shelf of the refrigerator compartment

The position of this shelf is adjustable to facilitate storage of different types of food. It can be pulled out by lifting its back portion.



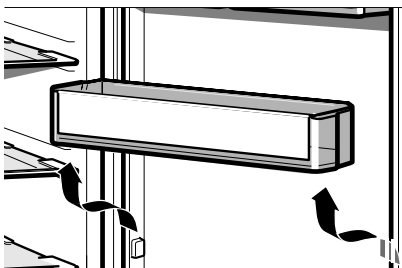
■ Flexible shelf

The position of this flexible shelf can be adjusted left or right as needed to place or stack bottled items. The shelf also can be taken out of the refrigerator when not used.



■ Vegetable basket

It is suitable for storing food which has been cooked or should be odor-separated. Under the glass shelf, it is easy for us pull it out for putting in or withdrawing items. It can be taken out by pulling it out.



■ Bottle tray on door

This is used to store eggs, bottled drinks and other items. The bottle tray on the door can be rearranged as required. The tray can be removed by lifting it up gently.

Operation

Cool air circulation system

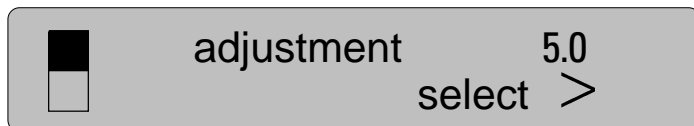
The refrigerator compartment is equipped with a cool air circulation fan and an air deflector to force air circulation for quick cooling of food and to keep the temperature even throughout the compartment.

Humidity adjustment

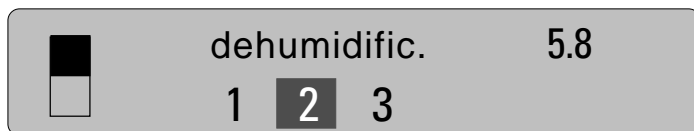
The refrigerator compartment is provided with a humidity adjustment function, which can keep food fresh for a longer period of time more effectively. When the refrigerator and freezer compartments are used as the bio-fresh compartment, both of them are provided with high humidity function.

■ Adjustment

Touch the "menu" button continuously until "Adjustment 5.0" appears.



- Touch the ">" button to enter the subordinate menu.
- Touch the "menu" button continuously again until "Dehumidifying 5.8" appears.



- Use button "<" or ">" to select the desired dehumidification value.
- Touch the "ok" button to acknowledge the selection.
- We suggest you select 2.

■ Humidity adjustment requirements of food storage

- The humidity can be adjusted between 1 and 3.
- 1 represents high humidity, 2 represents normal status, and 3 represents low humidity.
- High humidity is good for storing high water-content fresh vegetables, such as spinach, green vegetables, green pepper, eggplant, cucumber, tomato, etc. Low humidity is suitable for storing food to be kept for a long time, such as walnut, pumpkin, etc.
- There is no need to reset the humidity value, even after a power outage.

Note: If the food to be stored has no special requirement for humidity, such as the sealed or canned food, the humidity should be adjusted to normal status.

Operation

The refrigerator compartment is converted to the bio-fresh compartment.

The temperature setting range of the resulting fresh compartment is from 0°C to 3°C, and humidity is kept to a maximum degree. Under these conditions, food can be kept fresh two to three times longer than when preserved using conventional methods. It is suitable for storing fresh fish, meat, egg, milk, and low temperature tolerant fruits and vegetables, etc.

■ Temperature change adjustment

See Page 17 - Temperature adjustment for converting the refrigerator compartment to the bio-fresh compartment

■ Food placement

- The glass shelves can be used to place meat, fish, milk, vegetables, fruit, etc.
- Vegetable basket is an area with high humidity, which is more suitable for storing vegetables, fruit and other food needing to be kept humid.

The refrigerator compartment is converted to the variable-temperature freezer compartment.

The freezing temperature is adjustable between -7°C and -4°C. Under this condition, food is frozen superficially, and the storage period of food is about two to three weeks. Food can be kept fresh much longer. Additionally, as there is no need to thaw it before cooking, it is much convenient and practical.

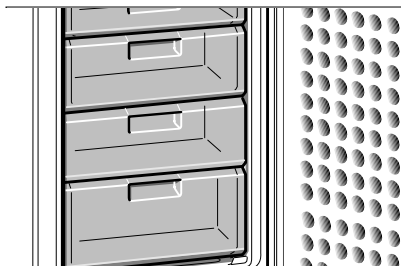
■ Temperature change adjustment

See Page 18 - Temperature adjustment for converting the refrigerator compartment to the variable-temperature freezer compartment.

■ Food placement

- It is suitable for keeping fresh food processed from fish, meat, fruit, etc.
- But it is not suitable for keeping food requiring for a long term freezing, such as ice cream, etc.

Freezer Compartment



The freezer compartment has a separated refrigerating system. Besides being used as the freezer compartment, it can also be converted to the bio-fresh compartment and the refrigerator compartment, if its temperature zone is changed.

The freezer compartment is mainly used for freezing food, storing frozen food and making ice cubes. It can store food for a long period of time.

Placement of accessories and food

- The freezer compartment is equipped with drawers, which can be removed by pulling them out and lifting them gently.
- The upper small drawer can freeze and store small sized food, such as dumplings, or make ice cubes. The middle drawer can freeze and store larger sized food.
- The lower drawer is mainly for storing pre-frozen food.

Operation

Maximum freezing capacity

The freezing capacity in the Technical Parameters indicates the amount of food be frozen at one time within 24 hours under standard conditions and super freezing status (kg/24h).

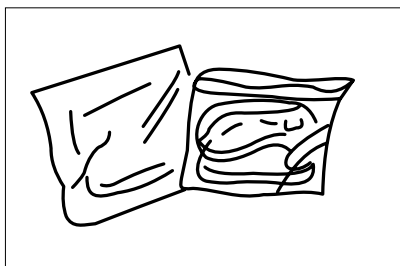


Making ice cubes

- In order to make ice cubes rapidly, you should adjust the freezer compartment temperature to the lowest set value, or start the super freezing function in advance.
- Pour cool boiled water into the ice-maker until each ice-maker compartment has been filled up, and then put the ice-maker back into the upper small drawer of the freezer compartment horizontally.

Pour cool boiled water into the ice-maker in an amount just sufficient to fill up each ice-maker compartment; an excessive amount of water will make the ice surface form a whole, thus resulting in inconvenience when the ice cubes are to be taken out as well as prolonging the ice cube making process. Ice making capacity is more than 1700 grams per 24 hours (according to the standard GB/T8059.4-93) and the ice making procedure generally lasts for 2.5 hours.

- Twist the ice-maker slightly and the ice cubes will drop out.



Packing frozen food

- Food is best packed before being frozen. This will help prevent food from going bad or losing flavor as well as guard against odor tainting.
- Place food into a packing bag and squeeze it gently to remove from the bag as much air as possible, and then seal it tightly.
- It is best to label each package with the date of freezing.

Methods for thawing frozen food

- Thawing can be done at ambient temperature, in a refrigerator compartment, on an electric stove, or in a microwave oven.
- To refreeze defrosted food or newly defrosted food, please take the following precautions:
 - The interval should not be too long.
 - Food is best boiled, fried, baked or cooked thoroughly before freezing.

Operation

The freezer compartment is converted to the bio-fresh compartment.

The temperature setting range of the resulting fresh compartment is from 0°C to 3°C, and the humidity is kept to a maximum degree. Under these conditions, food can be kept fresh twice to three times longer than that preserved by the conventional method. It is suitable for storing fresh fish, meat, egg, milk, and low temperature

- **tolerant fruits and vegetables, etc.**
Temperature change adjustment
See Page 20 - Temperature adjustment for converting the freezer compartment to the bio-fresh compartment.
- **Food placement**
The drawers are more suitable for storing vegetables, fruits and other foods which need to be kept humid.

The freezer compartment is converted to the refrigerator compartment.

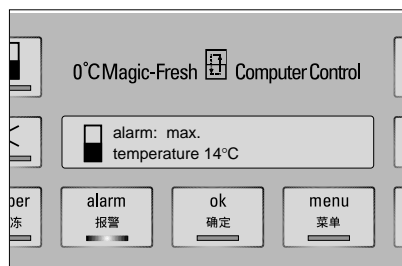
The freezing temperature is adjustable between 2°C and 10°C. Under this condition, it is mainly used for short-term storage of food.

- **Temperature change adjustment**
See Page 21 - Temperature adjustment for converting the freezer compartment to the refrigerator compartment.
- **Using method**
Same as that of the refrigerator compartment.

Operation

Alarm Information

Alarm for abnormal temperature of the freezer compartment



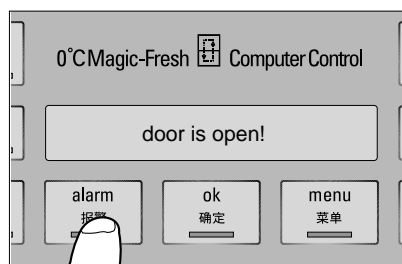
When the freezer compartment temperature is a little high, the system will give out an alarm sound, and the indicator light of the "alarm" button will begin to blink, and at the same time the highest temperature will be displayed on the screen.

■ Cause

- Power failure (such as short-term power cut).
- An excessive amount of fresh food to be stored.
- Refrigerator failure.
- Freezer compartment using temperature change function.

■ Solution

- Touch the "alarm" button to close the alarm sound.
- If the refrigerator still cannot reach to the normal temperature within 24 hours, please contact our local customer service center.



Over-time alarm of door

The system gives out an alarm sound and the indicator light of the "alarm" button begins to blink.

■ Cause

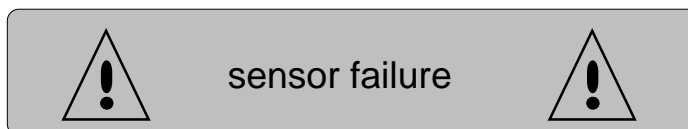
Some compartment door is not closed tightly or has been continuously opened for a long time.

■ Solution

Close the compartment door tightly, and the alarm indication information and the alarm sound signal will disappear.

Sensor failure

- The screen displays the following information:



■ Solution

Please contact our local customer service center.

Operation

Low voltage

- The screen displays the following information:



- **Cause**
The power voltage is lower than the required minimum limit value.
- **Solution**
Check the voltage. If the local voltage is too low in a long term, we suggest you use a power stabilizer of or above 500W.

Cleaning and Maintenance

Defrosting

Refrigerator compartment

- Defrosting is performed automatically for the refrigerator compartment.

Freezer compartment

- Defrosting is performed automatically for the freezer compartment.

Cleaning the refrigerator

Precautions for cleaning the refrigerator

- Before cleaning, the power button must be pressed to shut off the power, and the power plug must be unplugged.
- Ensure that water does not enter the electric light during cleaning.
- Wash the refrigerator except for the door seal with a soft cloth dipped in lukewarm water or a neutral cleaner. The seal on the door must be cleaned with clear water and desiccated with dry cloth.
- Cleaner containing abrasives (such as toothpaste), acids or chemical solvents (such as alcohol), or buffing compounds must not be used.

Key Points for Energy Saving

- The refrigerator should be placed in a dry and well-ventilated location. The refrigerator should not be close to a heat source or exposed to direct sunlight.
- Hot food should be cooled to ambient temperature before being put into the refrigerator.
- Frozen food can be defrosted in the refrigerator compartment so that it can contribute to cooling the refrigerator compartment.
- The refrigerator door should not be opened unnecessarily.
- In view of preservation and energy saving, we suggest you select the energy saving mode. The temperature should not be adjusted frequently once it has been set.
- Ensure that the temperature sensors of the refrigerator and the freezer compartments are not covered or contacting food; it is best to keep a distance of 5-8 cm there-between.
- All of these measures can save energy: set the LCD into sleep mode, or change the display brightness, or lower the alarm sound of the buzzer.

Cleaning and Maintenance

Others

■ When Power is Out

- Reduce the frequency of door opening and do not put fresh food into the refrigerator (to prevent a rapid rise in temperature).
- If you know the power supply is going to be out, turn on the super freezing switch in advance (by pressing the super freezing button). Extra ice can be made and placed at the upper portion of the refrigerator compartment to further lower the temperature.

■ Switching off the Appliance

- The power supply plug of the refrigerator should be unplugged, if the appliance needs to be switched off.
- If the refrigerator is to remain unused for a long period, please perform the following steps: switch off the refrigerator, and then defrost and clean; finally, keep the door slightly open to prevent odors from occurring.
- Do not stop the use of the refrigerator under normal circumstances; otherwise, its lifespan will be adversely affected.

Note:

The display system is best in standard display status before the refrigerator is switched off. If there is any other displayed information, please use the "menu" button to switch to the standard display. When all compartments are switched off, the displayed information will disappear.

Common Problems, Analysis and Elimination of Faults

Common Problems

■ Dew Water on External Surface of Refrigerator

This may occur when the humidity in the atmosphere is high. Simply wipe it dry.

■ Frost on the Back of the Refrigerator Compartment

The refrigerating tubing for the refrigerator compartment is close to the back of innerliner of the refrigerator compartment container and the temperature here will fall below 0°C . As a result, frost will form when it is running. The frost will thaw automatically when the refrigerating system for the refrigerator compartment stops operation.

■ Warming of the Door Frame Peripheral of Freezer Compartment

This is a special provision to prevent frosting or condensation around the freezer compartment door.

■ Warming of Left and Right Side Panels

The condenser is close to the inside of the side panels. The refrigerator will dissipate heat via the condenser during operation. The side panel temperature can be about 50°C in summer when the ambient temperature is high.

■ Hot Compressor

The housing temperature of the compressor can be about 80°C when the refrigerator is running.

■ Noise of Water Flowing in the Refrigerator

This is the noise of the refrigerant flowing in the tubing when the refrigerating system is running.

■ Cracking Noise in the Refrigerator

This results from the expansion and contraction of the innerliner and refrigerating tubing when the refrigerator is running.

■ The compressor will not start when the voltage is too low

A power stabilizer of, or above, 500W should be used.

■ Humming Vibrating Noise

A slight humming noise can be heard when the refrigerator is running. If the refrigerator is not level, vibrations and other noise may occur. Follow the instructions on Page 6 to level the refrigerator.

■ Long Term Operation

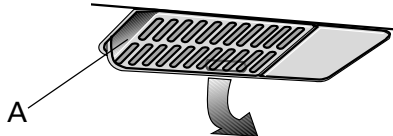
During the summer, when the ambient temperature is high, the compressor will start more frequently and run for a longer time than normal.

■ Power consumption is higher than the indicated value level

The rated power consumption given in the Technical Specification is the value measured according to the national standard, i.e. the refrigerator operating steadily for 24h in an ambient temperature of 25°C with the refrigerator compartment temperature controlled at 5°C and the freezer compartment temperature controlled at -18°C and the door kept closed. When a lot of food is cooling, the ambient temperature is high, or the door is opened frequently, it is normal that the actual power consumption will be higher than the indicated value.

Common Problems, Analysis and Elimination of Faults

Analysis and Elimination of Faults

Fault	Possible cause	Remedy
No signal on display screen.	The power supply plug is not properly inserted; the freezing off and cooling off buttons are not pressed down; blown supply fuse; or no power supply.	Properly insert the power supply plug; press down the freezing off and cooling off buttons; replace the fuse; and check if there is a power supply.
The alarm indicator light is on, and the buzzer gives out an alarm sound.	Excessively high temperature of the freezer compartment, which may be caused by: <ul style="list-style-type: none"> ■ The refrigerator is switched on for the first time or after a long period of power outage. ■ The refrigerator door has been opened continuously for more than 1 minute. ■ An excessive amount of fresh food is placed into the freezer compartment at one time. 	<ul style="list-style-type: none"> ■ Touch the "alarm" button to cancel the alarm sound. ■ Close the freezer compartment door. ■ The amount of fresh food put into freezer compartment at a given time should not exceed the maximum freezing capacity.
The light in the refrigerator compartment is not on while the refrigerating system is running.	<p>The bulb is blown.</p> <p>The cooling off button is not pressed down</p> 	<p>Replace the bulb</p> <p>The power supply plug must be removed before replacing the bulb.</p> <p>Remove light cover A by unbuttoning the agraffe behind the lamp and unscrew the bulb in a counter clockwise direction.</p> <p>Screw a new bulb in a clockwise direction (15W/220V E14).</p> <p>Press down the cooling off button.</p>

If the problem remains after following the above tips, please contact our local customer service center.

Customer service warranty (for home use):

Warranty period is one year for a complete unit and three years for functional parts (starting from the purchase date as indicated on the invoice).

When you need normal inquiry or maintenance, please contact our local customer service center with your invoice.

When making an inquiry, or requesting repair service, please state the product code (product code E-Nr., on the circuit diagram label at the back of the refrigerator).

Technical Parameters and Packing List

Technical Parameters

Name \ Type	KK26U79TI	KK26U69TI
Climate type	SN/ST	SN/ST
Star grade	✱✱✱	✱✱✱
Total storage volume (L)	254	254
Freezer compartment storage volume (L)	64	64
Freezer compartment temperature (°C)	≤ -18	≤ -18
Power supply	220V 50Hz	220V 50Hz
Freezing capacity (kg/24h)	10	10
Power consumption (kW·h/24h)	0.78	0.76
China energy level	1	1
Refrigerant	R600a	R600a
Amount of refrigerant (g)	Cooler 40g & Freezer 41g	Cooler 40g & Freezer 41g
External dimensions (mm)	640x633x1850	640x641x1900
Rated current (A)	0.8	0.8
Noise level dB(A)	38.9 for normal operation (42 for simultaneous operation of two compressors)	38.9 for normal operation (42 for simultaneous operation of two compressors)
Net weight (kg)	84	86
Electrical safety classification	I	I

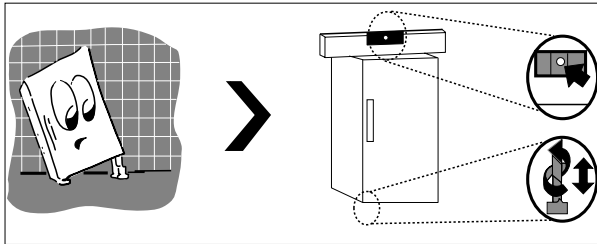
Packing List

名称 \ 型号	KK26U79TI	KK26U69TI
Accessories in the case	Safety glass shelf	5
	Flexible shelf	1
	Egg and bottle shelf	1
	Small vegetable basket	2
	Freezer drawer	4
	Ice-maker	1
Door accessories	Short bottle tray	1
	Medium bottle tray	1
	Big bottle tray	1
	Dairy box	1
Printed documents	Instruction manual	1
	Certificate	1

Common Refrigerator Knowledge

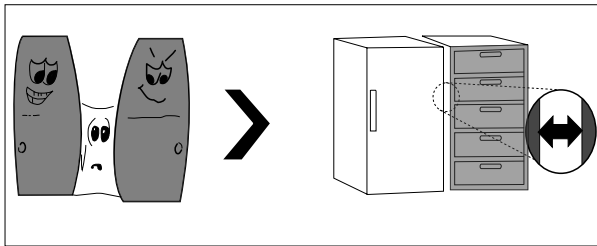
Noise Tips (I)

To take full advantage of the refrigerator, please read the following noise tips. It could assist you in eliminating noise annoyance caused by improper placements or use and provide you with a quiet environment.



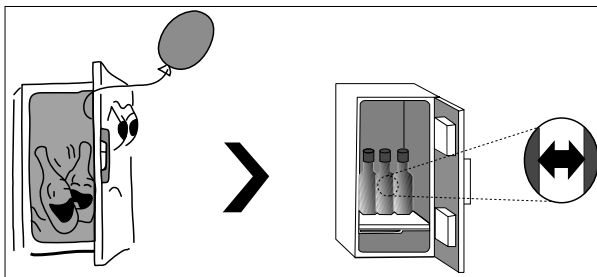
■ Level the Appliance

Adjust the height of the front feet of the refrigerator, and ensure an upright and stable placement.



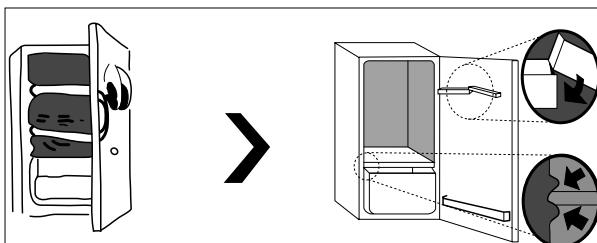
■ Place the Refrigerator away from Other Appliances

Place the refrigerator away from other appliances to prevent resonance between the refrigerator and other adjacent appliances.



■ Keep Gaps between Containers

Please keep gaps between bowls, dishes, wine bottles and the like as much as possible to avoid collision due to close placement.

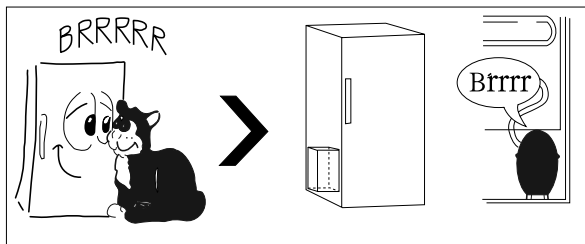


■ Check if accessories, such as the drawers, vegetable basket, etc, are loose or collide with each other. If so, violent shaking may happen in a highly-effective refrigerator, but may disappear as soon as the accessories are properly placed. Furthermore, putting some food in empty freezer drawers may also reduce noise.

Common Refrigerator Knowledge

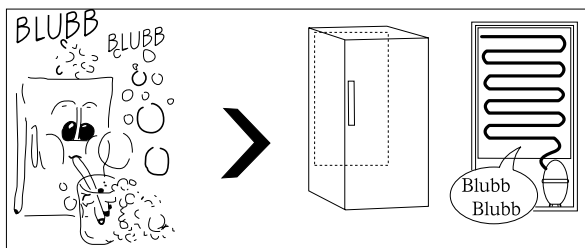
Noise Tips (II)

The running of the compressor and circulation of refrigerant make lower temperature in the refrigerator, thus keeping food fresh and nutritious. Some little noise may break out during operation. Do not worry, since it is normal and would not interfere with your use of refrigerator.



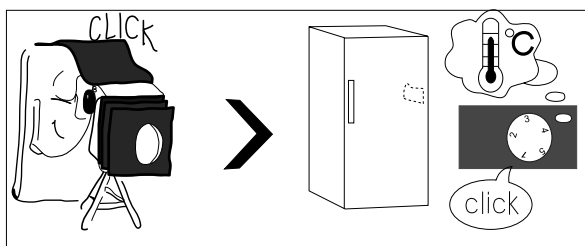
■ Humming Noise

When the compressor is running, the noise may be higher when it starts. The humming noise of the highly effective refrigerator may be somewhat higher for the powerful working condition of the compressor.



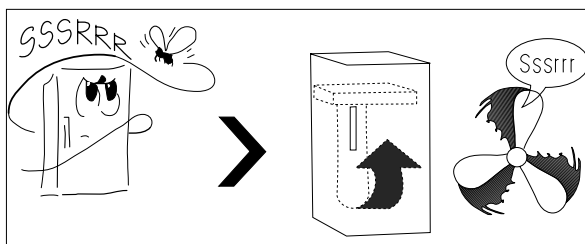
■ Bubbling and Gurgling noises

The inner temperature would fall down only when the refrigerant is flowing through the refrigerator tubing. Slight noise may come out during flowing, since two forms of refrigerant exist, gaseous and liquid.



■ “Clicking” Noise

It is caused by the temperature controller when turning on or turning off the compressor.



■ Whirring Noise

It is caused by air flow when the fan of the non-frost refrigerator or fan-equipped refrigerator is running. Fan rotating ensures a quick decrease and an equilibration of temperature, and also it is vital for keeping food fresh and nutritious.

Customer Service

Warranty Instructions

- According to "the Regulations of Responsibility concerning Repair, Exchange and Return of some commodities", warranty period of appliance purchased for home use purpose is one year for the complete unit and three years for the functional parts. Warranty period of appliances purchased for business, commercial or company use is 3 months for complete unit and functional parts unless otherwise specified in the contract.
- Warranty period for appliances sold at reduced prices is the same, but no warranty claim for price reduced position.
- Within warranty period, the consumer should show the valid purchase invoice of the appliance and other relevant guarantee documents defined by the manufacturer when asking for free of charge repair. Consumer should keep the warranty card and the purchase invoice properly and show them together when asking for free of charge repair. The warranty period starts from the invoice date. If the customer loses the invoice, it starts from the manufacturing date.
- **The following cases are not covered by the free of charge repair and should be paid by the customer:**
 - Damage caused by improper transportation, installation, operation, maintenance and storage by customer.
 - Damage caused by power supply on customer site less than 180V or more than 242V.
 - Damage caused by unauthorized repair.
 - Without valid purchase invoice or without relevant guarantee document.
 - The guarantee document is amended by customer or doesn't accord with the appliance.
 - Damage caused by force majeure.
 - Out of warranty.

Customer Service

- If the appliances are used under condition of improper power supply, water supply, temperature or humidity, the damage and loss are not covered by the free of charge repair and should be paid by the customer. Because the factors mentioned above is beyond the control of manufacturer.
- In order to provide prompt service, our service staff needs specific information about the appliance. Please inform the following to us in detail:
 - Exact address and telephone number.
 - Failure description.
 - Date of purchase.
 - Product number (E-Nr.) and Production date (FD).

Service Promises

- 24 hours hotline service
- Door to door service within 24 hours within city boundary
- Free of charge installation
- Free of charge consulting
- Door to door service a lifetime long
- Be responsible for service a lifetime long

Customer Service

Warranty Card

SIEMENS

Customer's name		Contact telephone number	
Address			
Date of purchase			
Product code		Invoice number	
Name of repair		Telephone number for the repair center	

Fifth copy of inventory

SIEMENS



Customer's name		Address	
Date of purchase		Invoice number	
Product code		Date of Shipment (month/year)	
Date of repair		Shipment No. (Box No.)	

Fourth copy of inventory

SIEMENS



Customer's name		Address	
Date of purchase		Invoice number	
Product code		Date of Shipment (month/year)	
Date of repair		Shipment No. (Box No.)	

Third copy of inventory

SIEMENS



Customer's name		Address	
Date of purchase		Invoice number	
Product code		Date of Shipment (month/year)	
Date of repair		Shipment No. (Box No.)	

Second copy of inventory

SIEMENS



Customer's name		Address	
Date of purchase		Invoice number	
Product code		Date of Shipment (month/year)	
Date of repair		Shipment No. (Box No.)	

First copy of inventory

SIEMENS



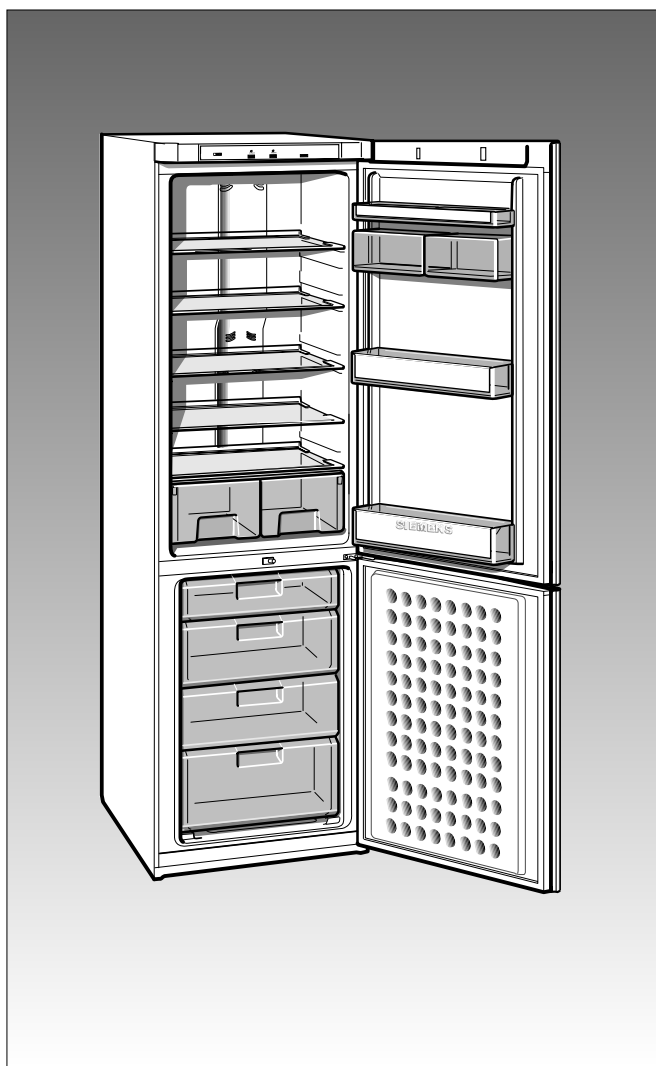
Customer's name		Address	
Date of purchase		Invoice number	
Product code		Date of Shipment (month/year)	
Date of repair		Shipment No. (Box No.)	

9000 112 879
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Operating Instructions



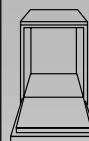
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