# ZANUSSI

環保雙門無霜雪櫃

使用説明書

ZS190GN ZS220GN ZS250GN

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# 安全警告

本節記載了安全事項的重要内容,以防止對使用者 及他人造成人身傷害或財產損失。請在充分理解下 面的內容(標志、圖標)的基礎上閱讀正文,並務 必遵守所記載的安全事項。

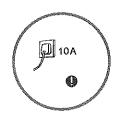
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#### 用電類相關事項



- 拔雪櫃的電源括頭時切勿拉扯電源綫。定要緊紧握住插頭,從插座中直接拔出。
- 3 保障安全使用,任何時候請不要損壞電源綫,當電源綫出現破損或插頭出現磨損時,切勿使用。
- 電源綫磨機或損壞,必須到廠家指定的維修點更换。



- 請使用標準的專用電源插座,該插座不應與其他電器共用。
- 電源綫插頭應保持與插座牢固接觸,否則可能導致火災。請務必保證 插座的接地極應有可靠的接地綫。



- 該雪櫃使用220-240V/50Hz的交流電源,若電壓波動超過240V的 飯園。
- 當煤氣等易燃氣體泄漏時,應先關閉氣體泄漏的閥門,再打關門窗, 此時不要拔出雷櫃等電器件的插頭,以免電火花引發火災。



 萬保證安全,建議不要在雪櫃頂部放置電源插座、穩壓器、電飯煲、 微波爐等電器;除了制造商推薦使用的類型外,不得在器具的食品 儲藏室使用電器。

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#### 使用時相關事項



- 嚴禁私自拆卸、改造雪櫃、禁止損壞制冷管路,維修雪櫃必須由專 業人員進行。
- 如果電源軟綫損壞, 萬了避免危險,必須由制造商、其維護部及相關的專業人員更換。



- 器具周圍或在嵌入式結構裹無阻礙物,保持通風良好。
- 門與門之間以及門與雪極箱體之間的間隙很小,注意不要把手伸到 這些區域內,以防擠傷手指。開關雪極門時,用力不要過大,以免 物品掉落。
- 會櫃開始運行之後,不要用濕手去拿冷凍室内的食品或容器,特別 是金屬容器,以免凍傷手。



- ●請勿讓兒童進入或攀爬醬櫃,以免將小孩封入雪櫃或鬢櫃倒下,傷 及兒童。
- 不要用水噴淋, 衝洗雪櫃, 也不要將雪櫃放置在潮濕、易濺上水的 地方, 以免影響雪櫃的電氣絶線性能。



- 請不要將重物放置在雪櫃頂部、關門時易造成物品掉下,造成意外 損傷。
- 停電或清潔時,應拔下電源插頭,至少保持間隔五分鐘,才能再次接通電源,以防因連續啓動而損壞壓縮機。

# 安全警告

本節記載了安全事項的重要内容,以防止對使用者 及他人造成人身傷害或財產損失。請在充分理解下 面的内容(標志、圖標)的基礎上閱讀正文,並務 必遵守所記載的安全事項。

#### **放置物品相關事項**



- 請不要將易燃、易爆、易揮發和强腐蝕性物品放入雪櫃,以免導致產品環域或火災等事故。
- 請不要在雪櫃附近放置或使用可燃性物品,以免發生火災。



- ◆ 本產品屬家用雪櫃,按國家標準規定,家用雪櫃衹適用於 儲藏食品,不能用於其他用途,如儲藏血液、藥品和生物 制品等。
- 不得將幹冰儲藏於雪櫃



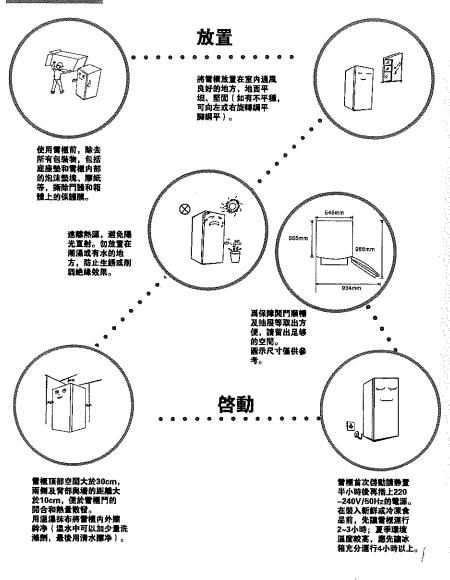
 請不要將瓶裝或密閉容器內的流體物品如瓶裝啤酒、飲料等 放入冷凍室,以免凍結爛裂導致其他損失。

#### 廢棄時相關事項

- 該雪櫃使用的R600a制冷劑和環戊烷發泡材料均爲可燃性材料,廢舊雪櫃應與火源 隔絶,不能燃燒處理。請交給具有資質的專業回收公司處理。以避免對環境造成危害或引發其它危險。
- 雪櫃廢棄不用時,請將雪櫃門卸掉,並拆下門封條及擱物架,將門與擺物架放到 台速的位置,以免小孩子進入玩耍,發生意外。

# 安裝説明

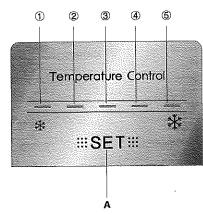
# 放置 啓動



# 控制界面及按鍵操作

# 按鍵操作

控制界面中的按鍵及顯示布置參見下圖:



1.按鍵

A.SET檔位設置按鍵

- 2.顯示屏
- ①-1檔
- ②-2檔
- ③-3檔
- ④-4檔 ⑤-5檔
- 3.顯示

通電後,顯示屏全顯3秒,然後按顯示的檔位運行。

正常運行顯示

有故障時相應LED燈組合顯示故障代碼(循環顯示);

無故障時顯示雪櫃當前運行檔位。

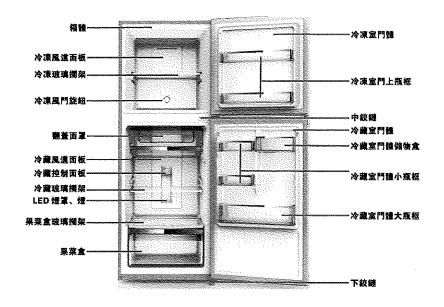
4. 堆价额完

每按檔位設定按鍵SET一次,檔位改變一次,設定完檔位, 15秒鐘後, 醫櫃將按照設定值運行。



# 雪櫃特點

## 雪櫃各部分構件名稱 (ZS190GN)



## 冷藏室

- 1.冷藏室適宜存放各種水果、蔬菜、飲料等短期內食用的食品。
- 2.烹調類食品冷却至室温後放入冷藏室冷藏。 食品在放入靈櫃之前最好將其密封起來。
- 3.玻璃搁架可以上下活動調整位置來達到合理 的儲存空間,方便使用。

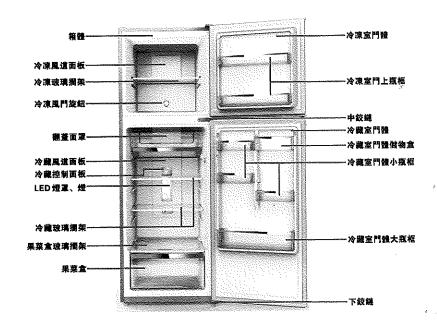
## 冷凍室

- 1.冷凍室低温可以長時間保持食品新鮮狀態。 主要用來儲存冷凍食品及制作冰塊。
- 2.冷凍室適宜存放肉類、魚蝦等短期不食用 的食品。
- 3.大塊的肉類盡量分割成小塊再放入,便於取 用。請注意在產品有效保質期內食用。

# 雪櫃特點

## 雪櫃各部分構件名稱

(ZS220GN)



## 冷藏室

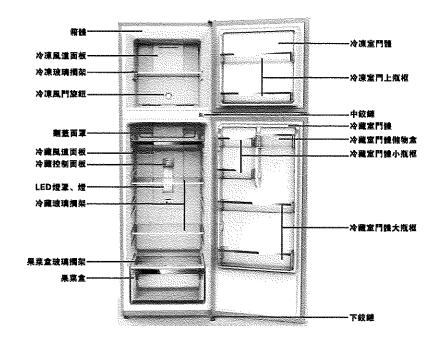
- 1.冷藏室適宜存放各種水果、蔬菜、飲料等短期内食用的食品。
- 2.烹調類食品冷却至室温後放入冷藏室冷藏。 食品在放入雪櫃之前最好將其密封起來。
- 3.玻璃搁架可以上下活動調整位置來達到合理 的儲存空間,方便使用。

## 冷凍室

- 1.冷凍室低溫可以長時間保持食品新鮮狀態。 主要用來儲存冷凍食品及制作冰塊。
- 2.冷凍室適宜存放肉類、魚蝦等短期不食用的食品。
- 3.大塊的肉類盡量分割成小塊再放入,便於取 用。請注意在產品有效保質期內食用。

# 雪櫃特點

## 雪櫃各部分構件名稱 (ZS250GN)



## 冷藏室

- 1.冷藏室適宜存放各種水果、蔬菜、飲料等短 期内食用的食品。
- 2.烹調類食品冷却至室温後放入冷藏室冷藏。 食品在放入雪櫃之前最好將其密封起來。
- 3.玻璃擱架可以上下活動調整位置來達到合理 的儲存空間,方便使用。

## 冷凍室

- 1.冷凍室低温可以長時間保持食品新鮮狀態。 主要用來儲存冷凍食品及制作冰塊。
- 2.冷凍室適宜存放肉類、魚蝦等短期不食用的食品。
- 3.大塊的肉類盡量分割成小塊再放入,便於取用。請注意在產品有效保質期內食用。

# 雪櫃保養

## 清潔

會慣背後及地面的灰塵請按時清理,以提高散熱效果,同時利於節能。會櫃內部廳經常清潔以免產生異味。清潔時請使用軟毛巾或者海綿,蘸清水或者無腐蝕性中性的洗滌劑清洗,最後用清水擦净,幹抹布擦幹。門體打開自然幹燥後再接通電源。



- 清潔時請勿使用硬質毛刷、網絲球、網絲尉、研磨劑〔如 牙膏〕、有機溶劑〔如酒精、丙酮、香蕉水等〕、開水、 酸碱性物品清潔響板。追有可能會損傷層櫃表面及內隨。
- → 清潔時不要用水衝洗,以免影響電氣绝緣性能。清潔照明 圓和攝控旋鈕等電氣件時請使用幹抹布。

( ) 愛極進行除業和濟潔時、請先拔下電源搖頭。)

## 除霜

本產品帶有自動除霜功能,無需手動除霜,如風道面板上有霜,使用抹布擦掉即可。

🔬 切勿用金屬器具或電加熱器除霜,以免損壞產品。除賴時請將取出的食物放在陰凉處,再取出抽屉等附件。)

## 停止使用時

- ●停電時:停電時即使在夏季,食品仍然可以保存幾個小時;期間應盡量減少開門次數,不 宣再放入新鮮食品。
- ●長時間不使用時:應拔下電源,再對雪櫃進行清潔,並保持雪櫃門敞開,以防止雪櫃產生不良氣味。
- 移動營櫃時,移動營櫃前取出營櫃內所有物品,用膠帶將玻璃隔板、果菜盒、冷凍室抽屉等固定好、扭緊可以調節脚;關緊營櫃門、用膠帶固定,以免移動時門打開。搬運時請勿倒置、機放、震動營櫃,搬運時傾角不可大於45°。

金橋—旦悠用後、最好連續使用、一般情况下不要停用電櫃、以免影響電櫃使用壽命。)

# 答疑解惑

對以下一些簡單的問題,您可以當試自己動手解決。若没有改善,請致電售後服務部門。

	電源是否接通,插頭是否插牢
雷櫃不工作	電壓是否過低
	是否停電或者部分電路跷閘
	有氣味的食品應該嚴密包住
雪極有異味	檢查是否有食品腐爛
	雪櫃内部需要清潔
冷藏室食品	温控器模位是否在'强'檔
凍結起來	是否將含水量較多的食品放在玻璃隔板裏側
	夏季環境温度高,營櫃工作時間長腳於正常現象
	一次性放入食品不宜過多
壓線機長	食品冷却後再放入雪櫃
時間工作	開啓雪櫃門次數通於頻繁
	雪櫃門四周是否開閉嚴實
	風遺出風口處被食物堵住
雷振鬥無法	食物包裝卡住門使門無法關上
正確關上	放入的食品太多
	雷極歪斜
	地面是否平坦,雪極放置是否平穩
<b>噪聲大</b>	實極附件是否放在正常位置

#### 温馨提示:

- ◆ 雪櫃運行時,雪櫃外般會發熱,工作初期及夏天會更熟,這是冷凝器散熱引起的,屬於正常現象。
- ◆ 外表凝露:環境濕度較大時,箱體外表和門封等會有凝露現象,這屬於正常現象,用幹毛巾擦幹即可。
- ◆ 氣流聲:制冷劑在制冷管路中循環流動會產生噴發聲、咕嚕聲,這是正常聲音,不會影響制冷效果。
- ◆嗒嗒聲:電磁閥或電動切換閱會發出嗒嗒聲,這屬於正常現象,不影響使用。
- ◆ 雪櫃使用過程中,冷藏室會周期性結構和化構(化釋時冷藏室背部產生水珠)均屬正常現象。

# ZANUSSI

**Frost Free Refrigerator** 

**Instruction Manual** 

ZS190GN ZS220GN ZS250GN

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# Safety warnings

This chapter describes the important security matters to prevent users from injury or property damage. Please understand fully the following text (logo, icon) and comply with the safety warnings.

**↑** DANGER

Indicates a hazardous situation which, if not avoided, will result in death or serious injury

**∆** CAUTION

Indicates a hazardous situation which, if not avoided, could result in death or serious injury

MARNING

indicates a hazardous situation which, if not avoided. could result in minor or moderate injury.



The symbols indicate prohibited matters, and those behaviors are forbidden. Non-compliance with the instructions may result in product damages or endanger the personal safety of users.



The symbols indicate matters that must be followed, and those behaviors must be strictly executed in line with the operation requirements. Non-compliance with the instructions may result in product damages or endanger Warning symbols the personal safety of users.



The symbols indicate matters to pay attention to, and these behaviors shall be specially noted. Due precautions are needed or minor or moderate injuries or damages of the product will be caused.

## **WARNING**

- --- WARNING-Keep ventilation openings, in the appliance enclosure or in the built-in structure, clear of obstruction.
- --- WARNING-Do not use mechanical devices or other means to accelerate the defrosting process, other than those recommended by the manufacturer.
- --- WARNING-Do not damage the refrigerant circuit.
- --- WARNING-Do not use electrical appliances inside the food storage compartments of the appliance, unless they are of the type recommended by the manufacturer.
- --- The appliance has to be unplugged after use and before carrying out user maintenance on the
- --- This appliance can be used by children aged from 8 years and above and persons with reduce physical sensory or mental capabilities or lack of experience and knowledge if they have been given supervision or instruction concerning use of the appliance in a safe way and understand the hazards involved. Children shall not play with the appliance. Cleaning and user maintenance shall not be made by children without supervision.
- --- If the supply cord is damaged, it must be replaced by the manufacturer, its service agent or similarly qualified persons in order to avoid a hazard.
- --- Please abandon the refrigerator according to local regulators for it use flammable blowing gas and refrigerant.
- --- Please according to local regulations regarding disposal of the appliance for its flammable refrigerant and blowing gas. Before you scrap the appliance, please take off the doors to prevent
- --- This appliance is intended to be used in household and similar applications such as
- -staff kitchen areas in shops, offices and other working environments,
- -farm houses and by clients in hotels, motels and other residential type environments;
- -bed and breakfast type environments;
- -catering and similar non-retail applications.
- --- Do not store explosive substances such as aerosol cans with a flammable propellant in this appliance.

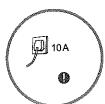
# Safety warnings

This chapter describes the important security matters to prevent users from injury or property damage. Please understand fully the following text (logo, icon) and comply with the safety warnings.

#### **Electricity related warnings**



- Do not pull the power cord when pulling the power plug of the refrigerator. Please firmly grasp the plug and pull out it from the socket directly.
- Do not damage the power cord under any condition so as to ensure safety use, do not use when the power cord is damaged or the plug is worn.
- Worn or damaged power cord shall be replaced in manufacture-authorized maintenance stations.



- Please use a dedicated power socket and the power socket shall not be shared with other electrical appliances.
- The power cord should be firmly contacted with thesocket or else fires might be caused. Please ensurethat the grounding electrode of the power socket is equipped with a reliable grounding line.



- The refrigerator adopts 220-240V/50Hz AC power, voltage fluctuations over the range of 240V will cause malfunction or even damage.
- Please turn off the valve of the leaking gas and then open the doors and windows in case of leakage of gas and other flammable gases.
   Do not unplug the refrigerator and other electrical appliances considering that spark may cause a fire.

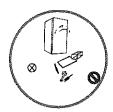


 To ensure safety, it is not recommended that to place regulators, rice cookers, microwave ovens and other appliances at the top of the refrigerator, those recommended by the manufacture are not included.
 Do not use electrical appliances in the food pantry.

# Safety warnings

This chapter describes the important security matters to prevent users from injury or property damage. Please understand fully the following text (logo, icon) and comply with the safety warnings.

#### Related warnings for use



- Authorized demolition or renovation of the refrigerator is not prohibited.
   It is forbidden to damage the refrigerant lines and the repair and maintenance of the refrigerator must be carried out by professionals.
- Damaged power cord must be replaced by the manufacturer, its maintenance department or related professionals in order to avoid danger.



- The surrounding of the appliances around or the embedded structure shall not be obstructed while good ventilation shall be maintained.
- The gaps between refrigerator doors and between doors and refrigerator body are small, be noted not to put your hand in these areas to prevent squeezing the finger. Please be gentle when switching off the refrigerator door to avoid failing articles.
- Do not pick foods or containers in the freezing chamber when the refrigerator is running, especially metal containers in order to avoid frostbite.



- Do not allow children to enter or climb the refrigerator to prevent that children are sealed in the refrigerator or children are injured by the falling refrigerator.
- Do not spray or wash the refrigerator; do not put the refrigerator in moist places easy to be splashed with water so as not to affect the electrical insulation properties of the refrigerator.



- Do not place heavy objects on the top of the refrigerator considering that objectives may fall when switching the door, and accidental injuries might be caused.
- Please pull of the plug in case of power failure or cleaning. Do not connect the freezer to power supply within five minutes to prevent damages to the compressor due to successive starts.

# Safety warnings

This chapter describes the important security matters to prevent users from injury or property damage. Please understand fully the following text (logo, icon) and comply with the safety warnings.

#### Warnings related to placing items



- Do not put flammable, explosive, volatile and highly corrosive items in the refrigerator to prevent damages to the product or fire accidents.
- Do not place flammable items near the refrigerator to avoid fires.



- This product is household refrigerators and shall be only suitable for the storage of foods. According to national standards, household refrigerators shall not be used for other purposes, such as storage of blood, drugs or biological products.
- Do not store or place dry ice in the refrigerator.



 Do not place items such as bottled or sealed container of fluid such as bottled beers and beverages in the freezer to prevent bursts and other losses.

#### Warnings related to disposal



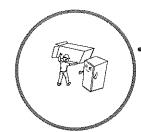
The refrigerator's R600a refrigerant and cyclopentane foam materials are combustible materials and discarded refrigerators should be isolated from fire sources and can not be burned. Please transfer the freezer to qualified professional recycling companies for processing to avoid damages to the environment or other hazards.



Please remove the door of the refrigerator and shelves which shall be properly placed to avoid accidents of children entering and playing in the refrigerator.

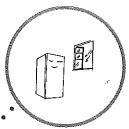
## **Installation Instruction**

#### Placement Start



#### **Placement**

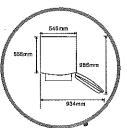
The refrigerator is placed in a weli-ventilated indoor place; the ground shall be flat, and sturdy (rotate left or right to adjust the wheel for leveling if unstable).



Before using the refrigerator, remove all packaging materials including bottom cushions and foam pads and tapes inside the refrigerator, tear off the protective film on the door and the refrigerator body.

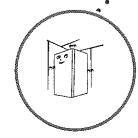
Keep away from heat and avoid direct sunlight. Do not place the freezer in moist or watery places to prevent rust or reduction of insulating effect.



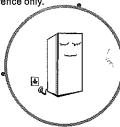


Please leave enough space to ensure feasible opening and drawer removal.

Dimensions shown are for reference only.



Start

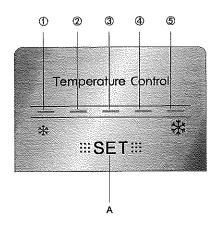


The top space of the refrigerator shall be greater than 30cm, and the distances from both sides and backside shall be more than 10 cm to facilitate the opening and closing and heat dissipation. Wipe the refrigerator inside and outside with warm moist rag (add a small amount of detergent in the warm water and wipe clean finally with clean water).

The refrigerator shall stay for half an hour before connecting 220-240V/50Hz power when it is firstly started. The refrigerator shall run 2 to 3 hours before loading fresh or frozen foods; the refrigerator shall run for more than 4 hours in summer in advance considering that the ambient temperature is high.

# Interface and Key Operation

#### **Key Operation**



1.Key

A.SET: gear setting key

#### 2. Display screen

①-Gear 1

2-Gear 2

3-Gear 3

4-Gear 4

6-Gear 5

#### 3.Display

When the power-on, the display screen will be displayed in full for 3s,

and then the gear displays the state of running

Display of normal running.

On the occurrence of a failure, the corresponding LED light will give a combined display of failure code (loop display);

Where there is no failure, the LED light will display the current running gear of the refrigerator.

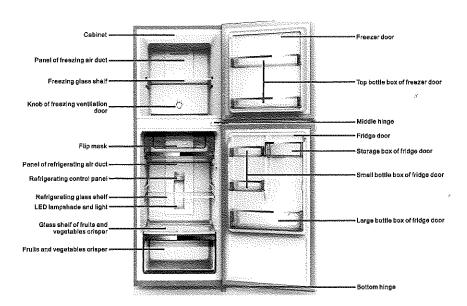
#### 4. Gear setting

The gear will be changed once every time when you press the key SET. Then, the refrigerator will run under the setting value after 15s.



# **Refrigerator Features**

#### Names of components (ZS190GN)



## Refrigerating chamber

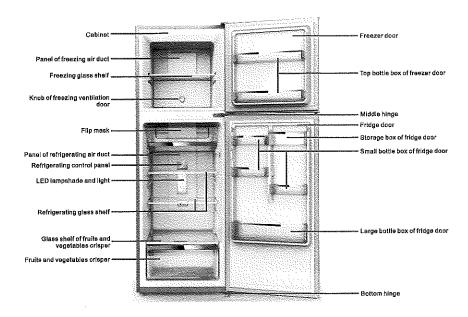
- 1. The Refrigerating Chamber is suitable for storage of a variety of fruits, vegetables, beverages and other food consumed in the short term.
- Cooking foods shall not be put in the refrigerating chamber until cooled to room temperature.
- 3.Foods are recommended to be sealed up before putting into the refrigerator. The glass shelves can be adjusted up or down for a reasonable amount of storage space and easy use.

#### Freezing chamber

- 1.The low temperature freezing chamber may keep food fresh for a long time and it is mainly used to store frozen foods and making ice.
- 2.The freezing chamber is suitable for storage of meat, fish, rice balls and other foods not to be consumed in short term.
- 3.Chunks of meat are preferably to be divided into small pieces for easy access. Please be noted food shall be consumed within the shelf time.

# **Refrigerator Features**

Names of components



## Refrigerating chamber

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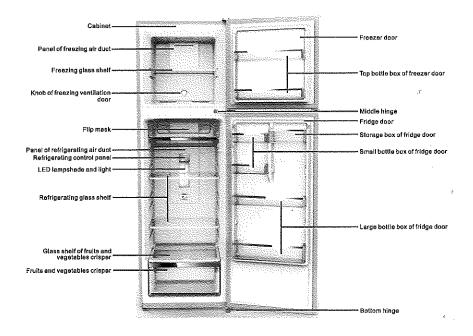
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# **Refrigerator Features**

Names of components (ZS250GN)





## Refrigerating chamber

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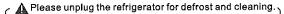
# Maintenance of refrigerators

#### Cleaning

• Dusts behind the refrigerator and on the ground shall be timely cleaned to improve the cooling effect and energy saving. The interior of the refrigerator should be cleaned regularly to avoid odor. Soft towels or sponge dipped in water and non-corrosive neutral detergents are suggested for cleaning. The freezer of shall be finally cleaned with clean water and dry cloth. Open the door for natural drying before the power is turned on.



- Do not use hard brushes, clean steel balls, wire brushes, abrasives, such as toothpastes, organic solvents (such as alcohol, acetone, banana oil, etc.), boiling water, acid or alkaline items clean refrigerator considering that this may damage the fridge surface and interior.
- Do not rinse with water so as not to affect the electrical insulation properties. Please use a dry cloth when cleaning lighting lamps, temperature control knob and electrical components.



#### Defrost

 This product has the function of automatic defrosting, so you don't need to do that manually. In case the frost exists in air duct panel, you can simply clean it with a cleaning rag.

Do not use metal utensils or electric heater for defrost so as not to damage the appliance. Please A remove the food and put in a cool place when defrosting before removing drawers and other accessories.

#### Stop using

Foods can be preserved for a couple of hours even in summer in case of power failure; it is recommended to reduce the frequency of opening door and do not put fresh foods into the freezer.

Please unplug the refrigerator left unused for a long time for cleaning. Keep the door open to avoid the bad odor.

Before moving the refrigerator, please emove all items in the refrigerator and fasten the glass partitions, fruit and vegetable boxes, freezer drawers with taps lest the door opens during displacement; Do not turn upside, horizontally place or vibrate the refrigerator, the carrying angle can not be greater than 45 ℃.

Continuous operation is recommended when the refrigerator is started. Please do not move 🗥 the refrigerator under normal circumstances so as not to affect the refrigerator's service life. 🦒

# Frequently asked questions

The following simple issues can be handled by the user. Please call the after-sale service department if the issues are not settled.

Inoperation	Whether the freezer is plugged and connected to power; Low voltage; Failure power or tripping circuit
Odor	Odorous foods should closely wrapped; Whether foods are rotten; Whether the interior shall be cleaned.
Foods in the refrigerating chamber are frozen	Whether the thermostat is over adjusted; Whether foods containing water is put in inside the glass partition.
Long-term operation of compressor	It is normal that refrigerator operates for longer time in summer when the ambient temperature is higher; Do not put too much food in the freezer at one time; Do not put foods until they are cooled; Frequent opening of refrigerator door; Whether the surrounding areas of the refrigerator doors are closed tightly; Air duct outlets are blocked by foods.
The refrigerator door can not be properly closed.	The freezer door is stuck by food packages; Too much food; Tilt refrigerator.
Loud noises	Whether the food is leveled, whether the refrigerator is balanced; Whether the refrigerator parts are properly placed.

- ◆The refrigerator enclosure may emit heat during operation specially in summer, this is caused by the radiation of the condenser, and it is a normal phenomenon.
- ◆ Condensation: condensation phenomenon will be detected on the exterior surface and door seals of the freezer when the ambient humidity is large, this is a normal phenomenon, and the condensation can be wiped away with a dry towel.
- ♦ Airflow sound: Refrigerants circulating in the refrigerant lines will produce eruption of sound and grunts which is normal does not affect the cooling effect.
- ◆Buzz; Buzz will be generated by running compressor specially when starting up or shutting down.
- ◆ Clatter: The solenoid valve or electric switch valve will clatter which is a normal phenomenon and does not affect the operation.
- ◆The refrigerating chamber will periodically frost and defrost (water drops will be generated on the backside of the refrigerating chamber when defrosting) which are normal.