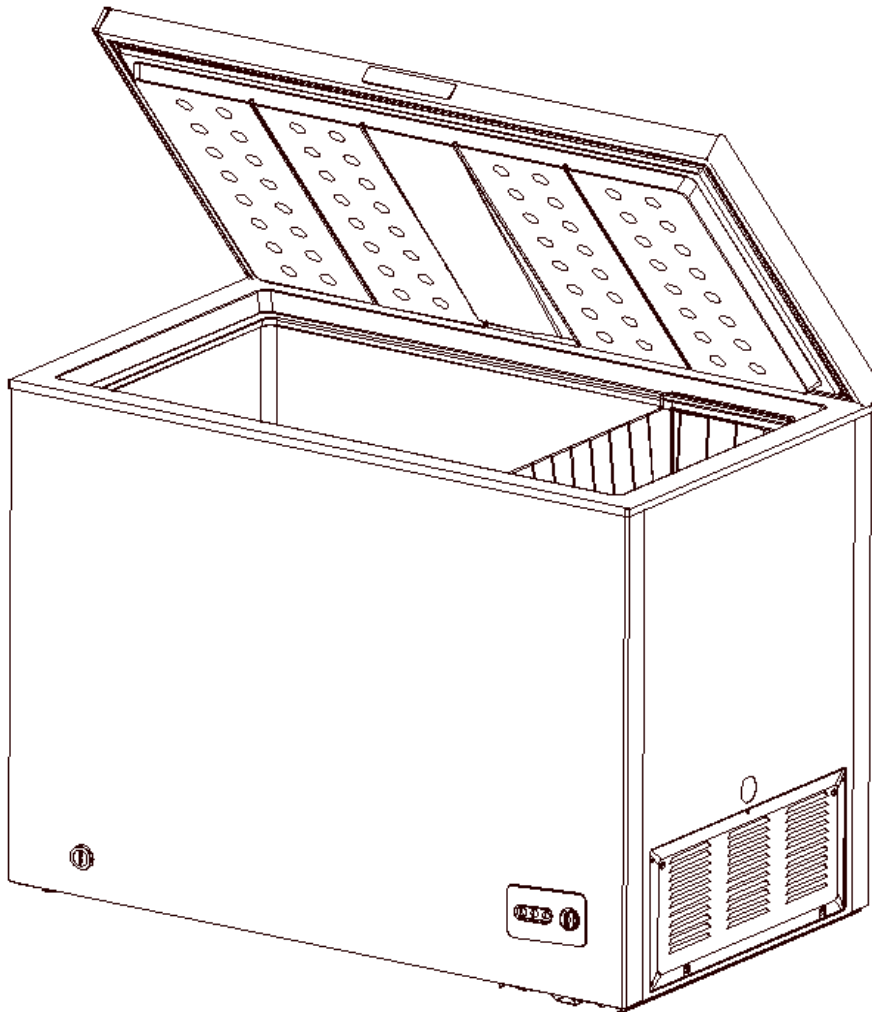


# Service Manual

Applicable Models	Model Code
CE-BD99-ST	22032010002242



(The picture is only for reference, and specific appearance and configuration are subject to the real product)

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Reviewed by	QA:WuXinbin SVC:Zhang Kun
Approved by	R&D:ZhangHuawei SVC:GuangTaoshuai



**Warning**

### **Important Safety Notice**

The Maintenance Manual is only for the use of maintenance personnel with certain experience and background in electrical, electronic and mechanical field.

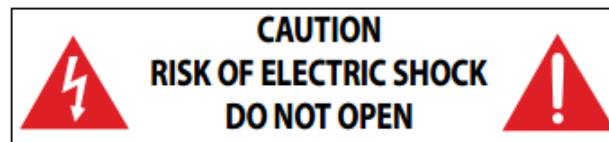
Any attempt to repair main devices may lead to personal injury and property loss.

Manufacturers or distributors are not responsible for the content of the Manual and interpretation thereof.

## 1.Safety Warning Code

### 1.1Warning for operation safety

## Important Safety Instructions



This symbol indicates that dangerous voltage constituting a risk of electric shock is present within your freezer.



This symbol indicates that there are important operating and maintenance instructions in the literature accompanying your freezer.

### **WARNING**

- 1 Read these instructions.
- 2 Keep these instructions.
- 3 Heed all warnings.
- 4 Follow all instructions.
- 5 Do not use this appliance near water.
- 6 Clean only with a damp cloth.
- 7 Do not block any ventilation openings.
- 8 Install in accordance with the manufacturer's instructions.
- 9 Do not install near any heat sources, such as radiators, heat registers, stoves, or other apparatus that produce heat.
- 10 Do not defeat the safety purpose of the polarized or grounding-type plug. A polarized plug has two blades with one wider than the other. A grounding type plug has two blades and a third grounding prong. The wide blade or the third prong are provided for your safety. If the provided plug does not fit into your outlet, consult an electrician for replacement of the obsolete outlet.
- 11 Protect the power cord from being walked on or pinched, particularly at plugs, convenience receptacles, and the point where they exit from the appliance.
- 12 Do not attempt to modify or extend the power cord of this appliance.
- 13 Unplug this appliance during lightning storms or when it will not be used for long periods of time.
- 14 Make sure that the available AC power matches the voltage requirements of this appliance.

- 15 Do not handle the plug with wet hands. This could result in an electric shock.
- 16 Unplug the power cord by holding the plug, never by pulling the cord.
- 17 Do not turn the appliance on or off by plugging or unplugging the power cord.
- 18 Refer all servicing to qualified service personnel. Servicing is required when the appliance has been damaged in any way, such as the power-supply cord or plug is damaged, liquid has been spilled or objects have fallen into the appliance, the appliance has been exposed to rain or moisture, does not operate normally, or has been dropped.
- 19 To reduce the risk of fire or electric shock, do not expose this appliance to rain, moisture, dripping, or splashing, and no objects filled with liquids should be placed on top of it.
- 20 Do not use extension cords or ungrounded (two prong) adapters.
- 21 This appliance is not intended for use by persons (including children) with reduced physical, sensory or mental capabilities, or lack of experience and knowledge, unless they have been given supervision or instruction concerning use of the appliance by a person responsible for their safety.
- 22 Children should be supervised to ensure that they do not play with the appliance.
- 23 If the supply cord is damaged, it must be replaced by the manufacturer, its service agent, or similarly qualified person, in order to avoid a hazard.
- 24 Take off the doors and leave the shelves in place so that children may not easily climb inside.



## WARNING

### Electric Shock Hazard

**Failure to follow these instructions can result in electric shock, fire, or death.**

- 1 **WARNING**—Keep ventilation openings, in both the freezer and the built-in structure, clear of obstruction.
- 2 **WARNING**—Do not touch the interior of the freezer with wet hands. This could result in frost bite.
- 3 **WARNING**—Do not use mechanical devices or other means to accelerate the defrosting process, other than those recommended by the manufacturer.
- 4 **WARNING**—Do not damage the refrigerant circuit.

- 5 **WARNING**—Do not damage the refrigerant tubing when handling, moving, or using the freezer.
- 6 **WARNING—DANGER**—Never allow children to play with, operate, or crawl inside the freezer.  
Risk of child entrapment. Before you throw away your old freezer:
  - 1) Take off the doors
  - 2) Leave the shelves in place so that children may not easily climb inside
- 7 Unplug the freezer before carrying out user maintenance on it.
- 8 This freezer can be used by children age eight years and older and persons with reduced physical or mental capabilities or lack of experience and knowledge if they are given supervision or instruction concerning the use of the freezer in a safe way and understand the hazards involved. Children should not play with the freezer. Cleaning and maintenance should not be performed by children without supervision.
- 5 **WARNING**—Do not damage the refrigerant tubing when handling, moving, or using the freezer.
- 6 **WARNING—DANGER**—Never allow children to play with, operate, or crawl inside the freezer.  
Risk of child entrapment. Before you throw away your old freezer:
  - 1) Take off the doors
  - 2) Leave the shelves in place so that children may not easily climb inside
- 7 Unplug the freezer before carrying out user maintenance on it.
- 8 This freezer can be used by children age eight years and older and persons with reduced physical or mental capabilities or lack of experience and knowledge if they are given supervision or instruction concerning the use of the freezer in a safe way and understand the hazards involved. Children should not play with the freezer. Cleaning and maintenance should not be performed by children without supervision.
- 9 If a component part is damaged, it must be replaced by the manufacturer, its service agent, or similar qualified persons in order to avoid a hazard.
- 10 Please dispose of the freezer according to local regulations as the freezer contains flammable gas and refrigerant.
- 11 Follow local regulations regarding disposal of the freezer due to flammable refrigerant and gas. All refrigeration products contain refrigerants, which under the guidelines of federal law must be removed before disposal. It is the consumer's responsibility to comply with federal and local regulations when disposing of this product.



- 12** This freezer is intended to be used in household and similar environments.
- 13** Do not store or use gasoline or any flammable liquids inside or in the vicinity of this freezer.
- 14** Do not use extension cords or ungrounded (two-prong) adapters with this freezer. If the power cord is too short, have a qualified electrician install an outlet near the freezer. Use of an extension cord can negatively affect the freezer's performance.

## Grounding requirement

This freezer must be grounded. This freezer is equipped with a cord having a grounding wire with a grounding plug. The plug must be inserted into an outlet that is properly installed and grounded.

Improper use of the grounding plug can result in a risk of electric shock. Consult a qualified electrician or service person if the grounding instructions are not completely understood, or if doubt exists as to whether the freezer is properly grounded.

## 1.2 Safety instruction for refrigerant

### **WARNING** **Explosion Hazard.**

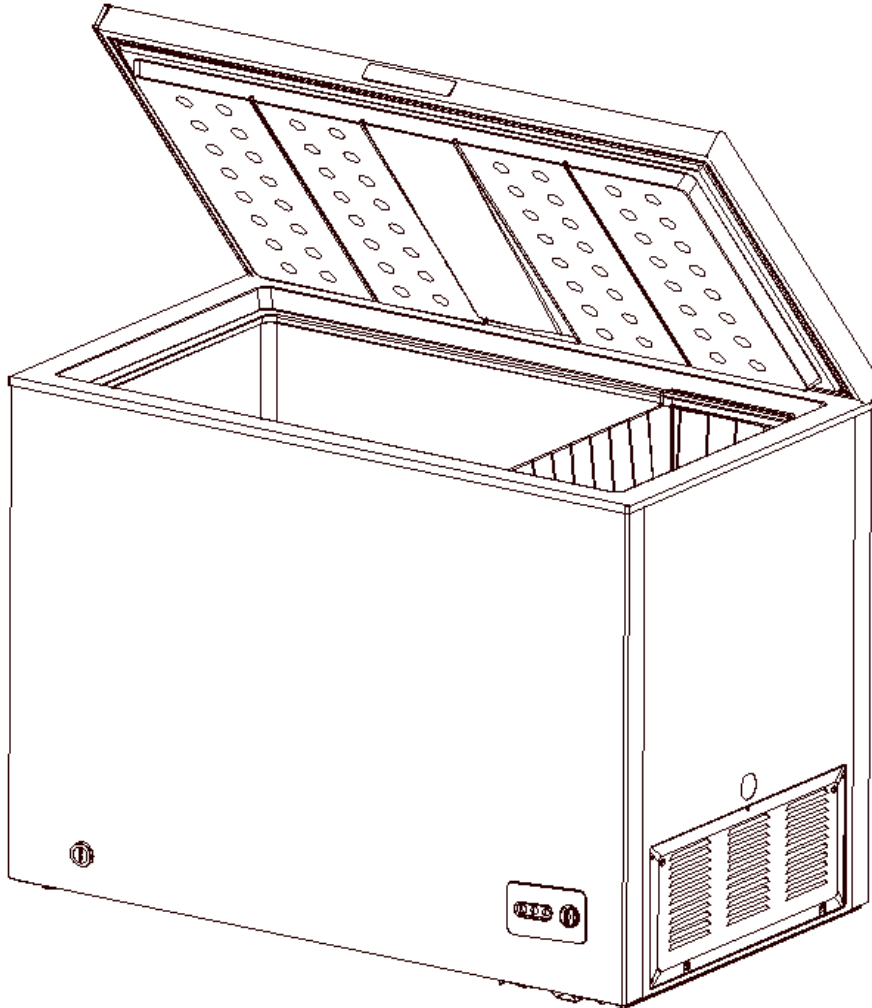
Keep flammable materials and vapors, such as gasoline, away from freezer. Failure to do so can result in fire, explosion, or death.

DANGER—Risk of Fire or Explosion. Flammable Refrigerant Used. To Be Repaired Only By Trained Service Personnel. Do Not Use Mechanical Devices. Do Not Puncture Refrigerant Tubing.  
CAUTION—Risk of Fire or Explosion. Flammable Refrigerant Used. Consult Repair Manual/Owner's Guide Before Attempting To Service This Product. All Safety Precautions Must be Followed.  
CAUTION—Risk of Fire or Explosion. Dispose of Properly In Accordance With Federal Or Local Regulations. Flammable Refrigerant Used.  
CAUTION—Risk of Fire or Explosion Due To Puncture Of Refrigerant Tubing; Follow Handling Instructions Carefully. Flammable Refrigerant Used.



## **2.Description for product features**

This product is provided with following features:



(The picture is only for reference, and specific appearance and configuration are subject to the real product)

1)Three circles light and OFF function, high temperature alarm function

### **3.Installation and commissioning**

#### **3.1 Handling**

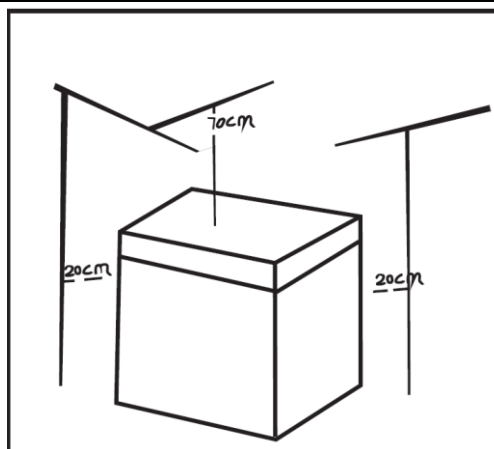
- 1) Protect the refrigerator in moving it  
Same as shown as left photo, please move it by handcart with cushion
- 2) Remove all packing materials and bottom cushion, then move into house for placement
- 3) After moving it to appropriate location, wait for 2 hours before power on.



#### **3.2 Door Disassembly and Assembly(None)**

#### **3.3 Installation location**

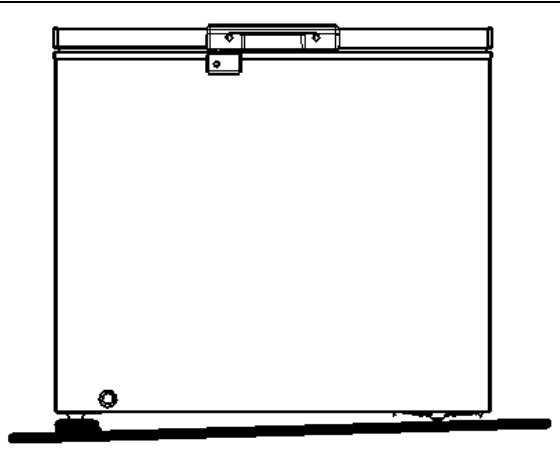
Location that is easy for ventilation shall be chosen to facilitate heat dissipation, enhance its performance and reduce the energy consumption.





### 3.4 Leveling of the refrigerator

If the refrigerator cannot be placed steadily, adjust the footing to level it.



### 3.5 Door reversal (None)

### 3.6 Installation of handle (None)

### 3.7 Installation of door lock (None)

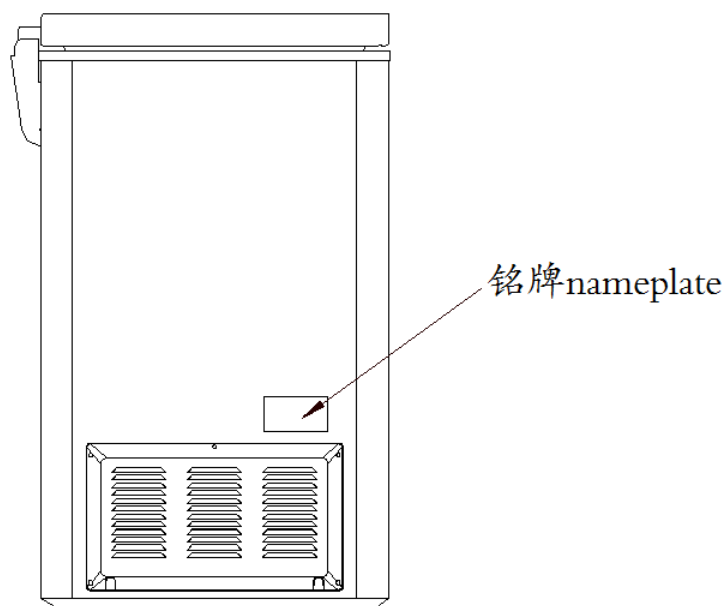
With the door handle together.

### 3.8 Adjustment to level the door (None)

## **4.Terms**

### **4.1Definition of model(None)**

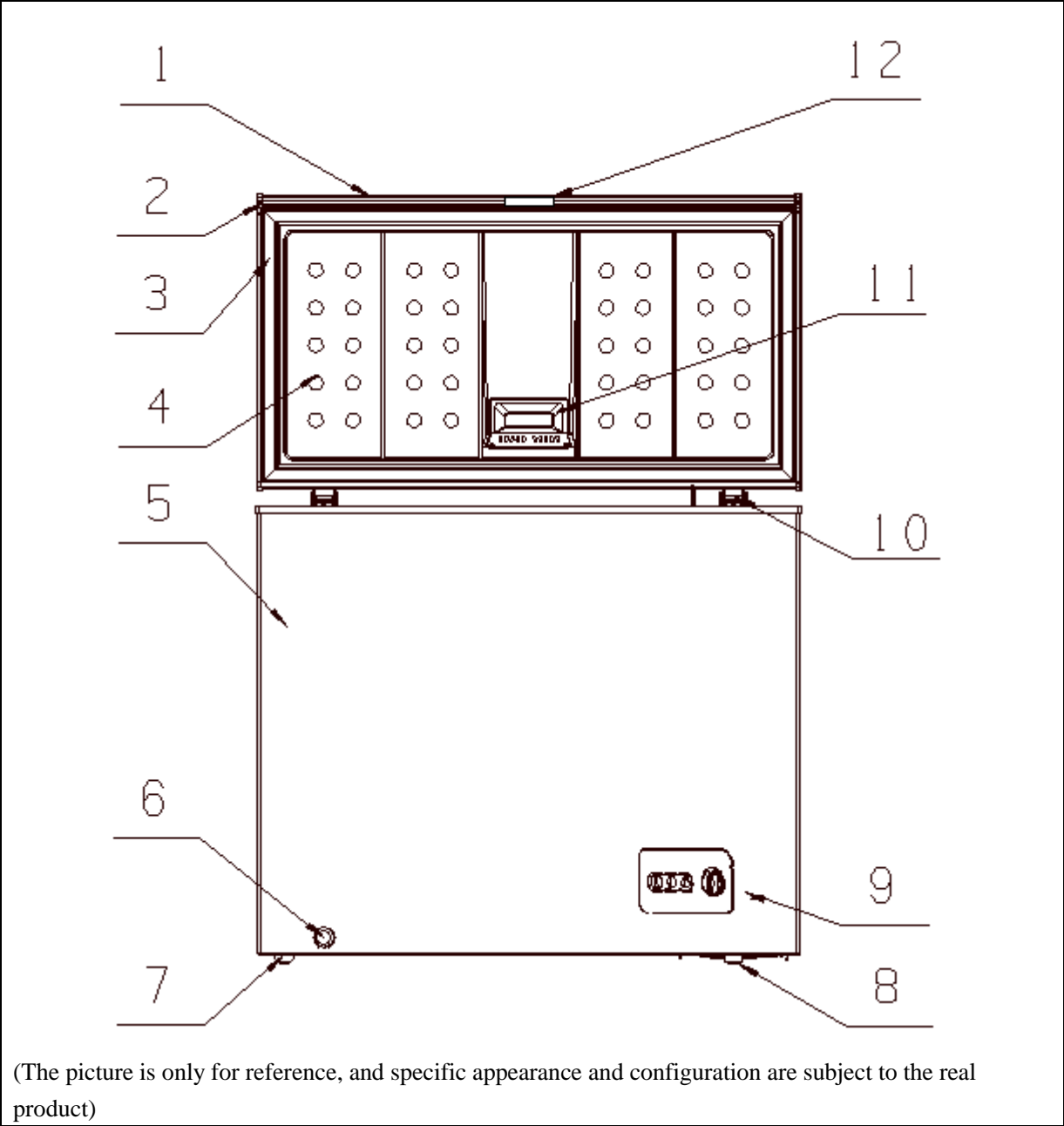
### **4.2Location of nameplate**



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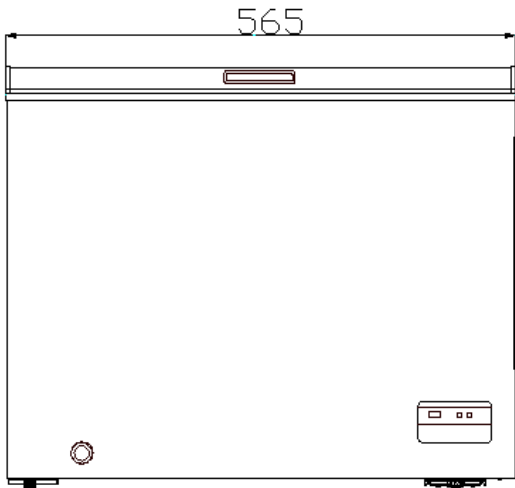
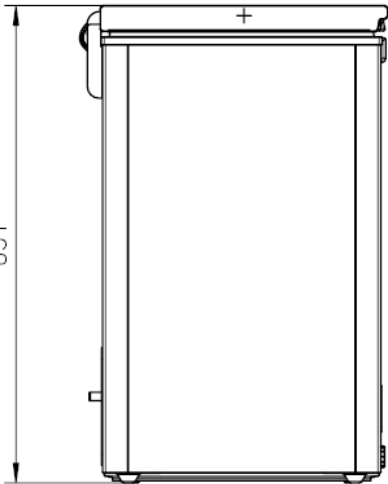
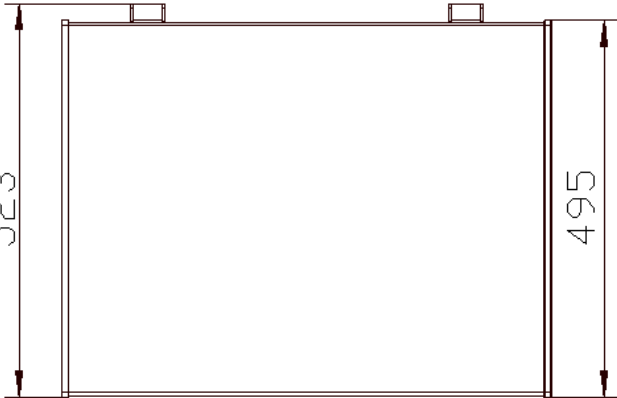
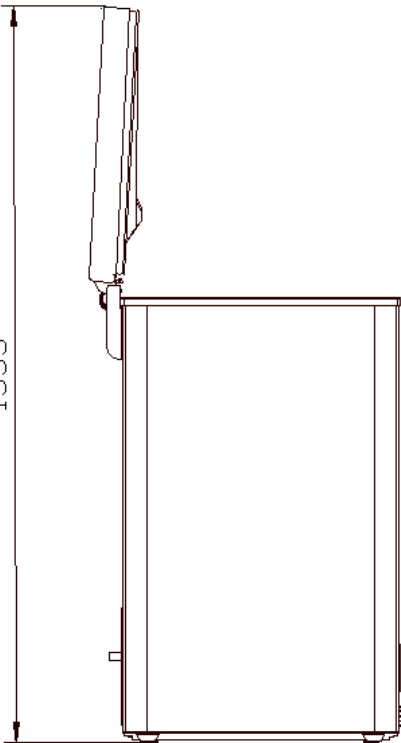
6. Internal view and dimension

6.1 Main parts and their names



1. Door shell	7. Levelling feet
2. The door end cover	8. Compressor mounting panel
3. Door gasket	9. Temperature-control panel
4. Door liner	10. Hinge
5. Cabinet assembly	11. Lamp cover
6. Drain-pipe cover	12. Door handle

6.2External dimension



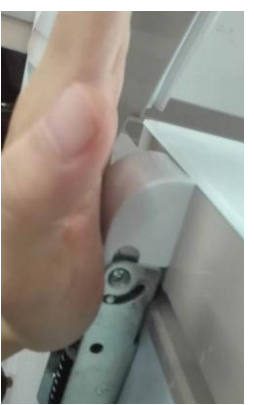
<p>Front view</p> 	<p>Side view</p> 
<p>Down view</p> 	<p>Open Door</p> 

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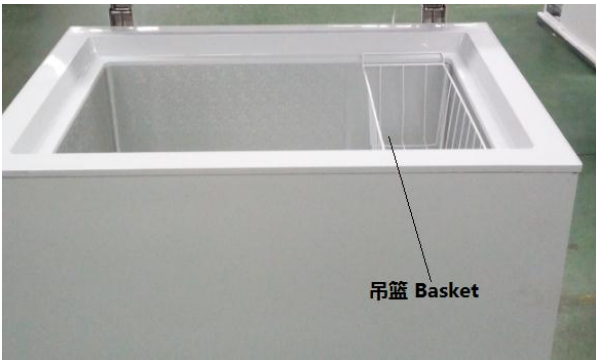
## **8.Dismantling of parts**

### 8.1Parts on the door


<b>The door seal</b>	
1)Pull the door seal from the corner	
2)Take efforts until door seal totally detaches from door inner liner groove	
3)Remove the door seal in the direction of door liner groove.	
4)Fixing the four corners and pressing smoothly.	
<b>The hinge cover</b>	
1)Push the hinge cover from the bottom to the top and appear displacement for the hinge cover.	

<p>2) Pull down hinge cover from the bottom.</p>	
<p>3) Slap forcefully the top hinge with the palm, and wear safety gloves for fear of cutting the hand.</p>	
<p>4) After the displacement, pull down the hinge cover.</p>	
<p>Door light disassembly and assembly</p>	<p>None</p>

## 8.2 Parts inside the refrigerator

<p><b>Basket</b></p> <p>Open the door and removed the basket</p>		
<p><b>Inside water pipe cover</b></p>		



Counterclockwise to remove the pipe cover	
Ice tray	None



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