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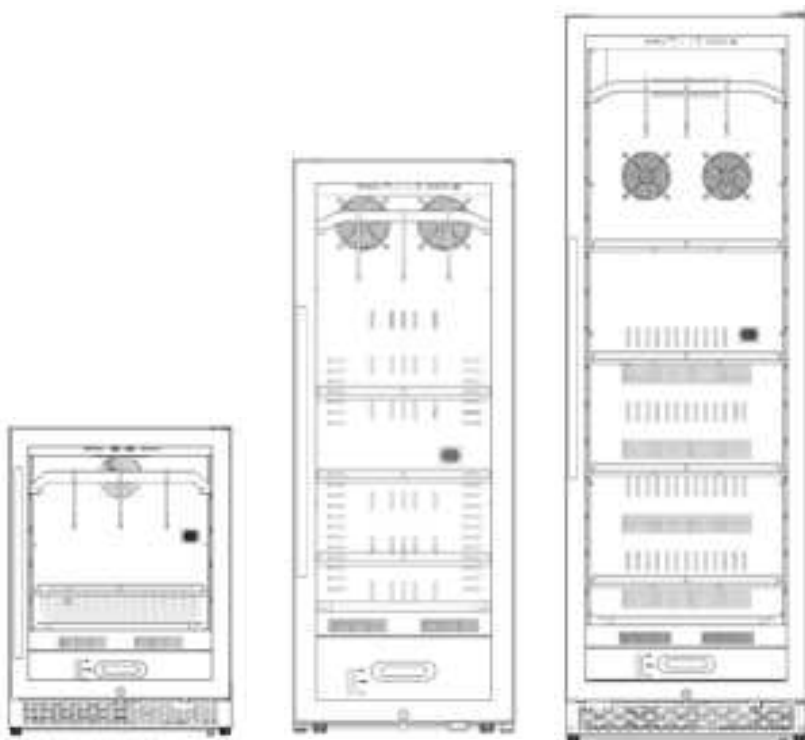
DRY AGING REFRIGERATOR

MODEL: ZS-A145N ZS-A200N ZS-A450N

VEVOR



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DRY AGING REFRIGERATOR





<Picture Only For Reference >

This is the original instruction, please read all manual instructions carefully before operating. VEVOR reserves a clear interpretation of our user manual. The appearance of the product shall be subject to the product you received. Please forgive us that we won't inform you again if there are any technology or software updates on our product.

	<p>Warning-To reduce the risk of injury, user must read instructions manual carefully.</p>
	<p>This product is subject to the provision of European Directive 2012/19/EC. The symbol showing a wheeled bin crossed through indicates that the product requires separate refuse collection in the European Union. This applies to the product and all accessories marked with this symbol. Products marked as such may not be discarded with normal domestic waste, but must be taken to a collection point for recycling electrical and electronic devices</p>

Safety warnings

Before using this machine, please read the instructions carefully and keep them for future reference.

<p>Read all instructions before using the dry aging fridge.</p>	
	<p>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. Children should be supervised to ensure that they do not play with the appliance.</p>
	<p>This appliance can be used by children aged from 8 years and above and persons with reduced 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.</p>

❗ 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.

❗ 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.

❗ For appliances which use flammable insulation blowing gases , the instructions shall include information regarding disposal of the appliance. only the service agent or similarly qualified persons can disposal flammable insulation blowing gases of appliance.

❗ Do not store explosive substances such as aerosol cans with a flammable propellant in this appliance.

⊘ This appliance is intended to be used for commercial 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.

⚠ WARNING: when positioning the appliance , ensure the supply cord is not trapped or damaged.

⚠ WARNING: Do not locate multiple portable socket-outlets or portable power supplies at the rear of the appliance.

⚠ WARNING: To avoid a hazard due to instability of the appliance , it must be fixed in accordance with the instructions.

⚠ WARNING: To reduce the risk of fire , electric shock or personal injury, unplug or disconnect the appliance from the power supply before servicing.

⚠ Steak Ager with door lock: keep the key out of the reach of children!

⚠ This appliance is only suitable for the cooling of meat or food in commercial environment or similar.

⚠ Never clean appliance parts with flammable fluids. The fumes can create a fire hazard or explosion.

Necessity to allow disconnection of the appliance from the supply after installation.

Any electrical work required to do the servicing of the appliance should be carried out by qualified electrician or competent person.



Warning: Risk of fire / flammable materials

Waste Disposal warning

Packing materials are used to protect the electric appliance during transportation , and every part of the material is recycled material .

- Paper board/cardboard (made of waste paper)
- Polystyrene blocks (foam , non-fluorinated polystyrene)
- Plastic film , bag (polystyrene)
- Packing tape (polystyrene)
- **Do not let children play with packaging material , because the plastic film may cause suffocation!**
- send the packing materials to the public environmental recycling station.

The outdated dry aging fridge in residential areas where garbage is not classified still has many valuable raw materials which shall be dealt with .

The outdated dry aging fridge shall be discarded immediately, the plug shall be pulled out, and the soft power cable shall be removed. Destroy the lock to prevent children from locking themselves when they play.

- Before sending the outdated dry aging fridge to the public recycling station , the cold circulation system shall not be damaged to ensure the refrigerant and oil of the dry aging fridge will not leak.



- Information about recycling dates and recycling stations can be consulted with local sanitation departments or government agencies.

WARNING: Risk of child entrapment. Before you throw away your old refrigerator or freezer.

- Take off the doors.
- Leave the shelves in place so that children may not easily climb inside.

Precautions for installation

- ⚠ The dry-aging-fridge shall not be tilted over 45° when being handled , and it can be electrified only 10 minutes after the handling operation.
- ⓘ The dry-aging-fridge must be placed on a flat and solid ground surface . If it needs to be elevated , a stable , solid and non-inflammable pad shall be used. Never use the packaging foam as the pad to elevate the dry-aging-fridge.
- ⓘ Do not place the dry-aging-fridge in the area exposed to moisture or water splash. The water splash or dirt on the dry-aging-fridge shall be timely removed using a soft cloth to prevent rusting and impairment of electrical insulation.
- ⊘ Do not place the dry-aging-fridge in an environment prone to being iced , nor use it in the rain. The dry-aging-fridge shall be kept far away from the heat source and protected against sunshine to avoid influencing the normal operation of the dry-aging-fridge .
- ⓘ Insert the power line plug into the power socket as indicated on the nameplate , electrify the dry-aging-fridge for trial operation. If you feel an abrupt reduction of temperature within one hour, the dry-aging-fridge works normally. Thereafter, you can store meat into the dry-aging-fridge.
- ⓘ As the dry-aging-fridge is installed in the cabinet , the cabinet shall be well ventilated; otherwise, the normal operation of the dry-aging-fridge may be adversely influenced. The cabinet shall not be provided with a back plate , and the heat dissipation shall satisfy the following requirements:
 - ⓘ A square hole of an appropriate size shall be located at the designed position on the cabinet, and the dry-aging-fridge shall be embedded into the square hole stably.
- "Built-in " dry-aging-fridge is front venting but is not designed to be fully integrated behind a joinery door.
- Please follow the installation diagram when installing a built-in unit. No less than the minimum installation dimension or it will affect the venting of the dry-aging-fridge.
- Built-in units draw air from the right of the ventilation frame and expel

through the left of the ventilation frame under the front door.

- "Built-in " dry-aging-fridge has a power switch located on the control panel, so the power point location is not critical .

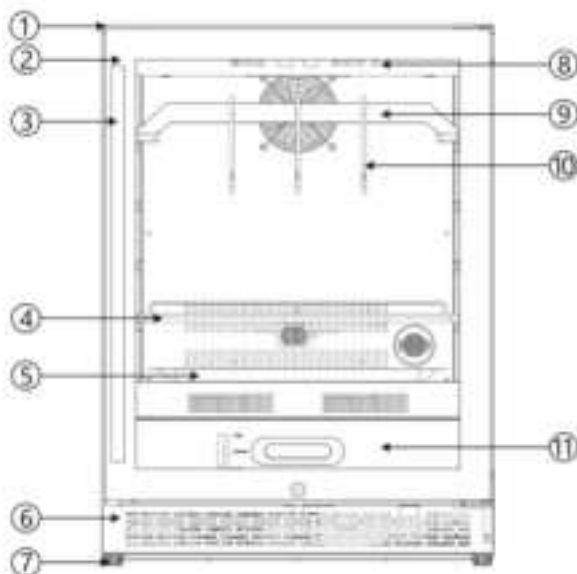
- The unit requires a standard 110-127/220-240 volt power point.

- The power cord is 1.5 m in length and is fixed on the right side at the back when looking from the front of the cabinet.

- As with most appliances of today, the dry-aging-fridge has sensitive electronic components which are susceptible to damage through lightning and electricity supply faults. It is therefore advised to use a power surge protector to avoid problems of this nature.

- Air vent on the door must be provided for any built-in dry-aging-fridge unit when a wood door is installed in front of the unit.

Product structure



① Cabinet

② Glass door

③ Handle

④ Stainless Steel shelf

⑤ Stainless Steel tray

⑥ Grille

⑦ Adjustable leg

⑧ Control panel

⑨ Hanging rod

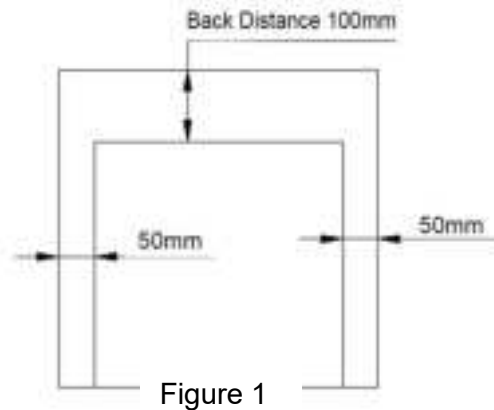
⑩ Hook

⑪ Water tank

Installation guide

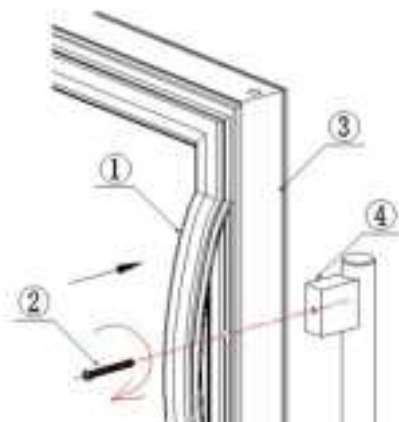
●Before Using Your Machine

- 1.Remove the exterior and interior packaging.
- 2.Before connecting the dry-aging-fridge to the power source, let it stand upright for approximately 2 hours. This will reduce the possibility of a malfunction in the cooling system due to handling during transportation.
- 3.Clean the interior surface with lukewarm water using a soft cloth.
4. When placing non-embedded wine cabinets, ensure that there is at least 50mm gap on each side and 100mm gap on the back, as this is the main outlet of hot air and has a sufficient ventilation system, as shown in Figure 1.



●Installation the handle

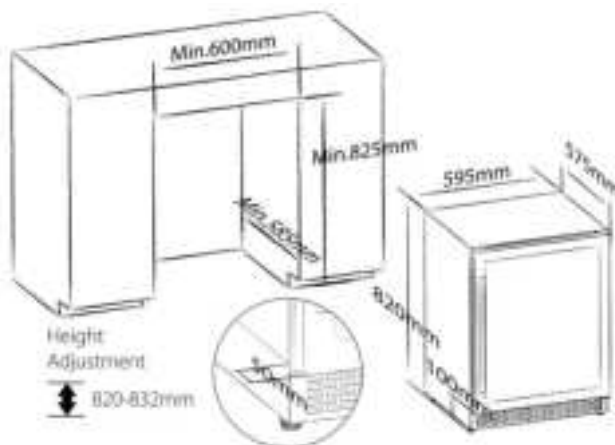
- 1.First remove the gasket from the groove of the door.
- 2.Insert the screws into the hole on the door. Align the screw hole on the handle and tighten the handle screws in the direction shown as the arrow.
- 3.Install the gasket into the door groove of the body profile.
- 4.Double check the interval between the gasket and the cabinet to ensure proper fixation.

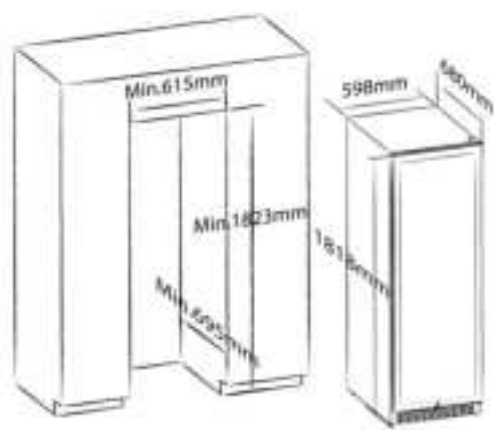


● Built in

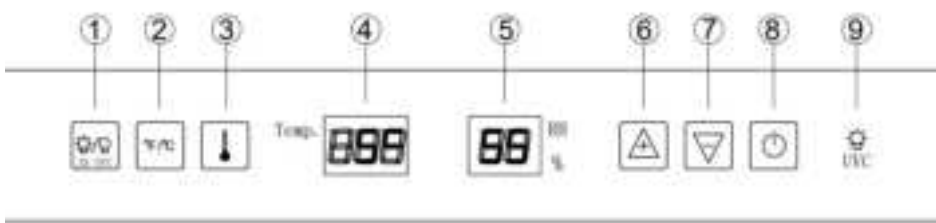
Placement of dry aged refrigerators: dry aged refrigerators can be smoothly placed to any flat, away from the ground of the heating appliances, but also can be embedded and installed into the cabinet. Not be embedded in the installation, when the box is unstable, can be adjusted by adjusting the box feet (twist the box feet, so that all four feet of the wine cabinet close to the ground) eventually make the box smooth. When it needs to be embedded in the cabinet installation, the minimum cabinet opening size is shown in the following figure.

ZS-A145N






Operation instruction



1) The temperature range is 1-25℃ and the humidity range is 60%-85%RH, it is recommended to set the temperature between 1 degree and the humidity between 80%RH.

2) Introduction of the control panel:


①Light on/off key  :default set,the LED light is off,when closing the door and lights up automatically when opening the door.
After opening the door,press this key to control the LED light on and off.
Open the door, press the key to turn the LED light off, press again, turn it


on. The lighting will remain on after closing the door.


While opening the door, press the key to turn the light off, then close the door again. The default settings are restored.


UVC sterilizing light:


The UVC sterilizing lamp is turned off by default in the initial power-on state for products exported to Europe.

Long press  for 3 seconds to turn on the UVC sterilizing lamp, at this time, the left digital screen ④ will show "ON" for about 1 second, on behalf of the opening of the UVC sterilizing lamp, at any time, only when closing the door the UVC sterilizing lamp will light up, open the door the UVC lamp will be automatically off. When the UVC sterilizing lamp is

turned on, long press  for 3 seconds to turn off the UVC sterilizing lamp, at this time, the left digital screen ④ will display "OF" for about 1 second, which means that the UVC sterilizing lamp is turned off. Long

press  for 3 seconds to power on UVC sterilization lamp will be on 1 hour stop 4 hours automatic cycle work, can be turned off or on, once manually closed will be in the state of always off, only manually re-open will enter the work 1 hour stop 4 hours automatic cycle work mode. In the standby state, the UVC sterilization lamp is invalid.


②°F/°C switch key : Press the key to switch the temperature display in Fahrenheit / Celsius.


③Temperature/humidity setting key : Temperature/humidity setting must be pressed before setting. Press the key, the temperature display digital tube flashes, indicating that the temperature can be set by pressing the temperature up or down; press it again, the humidity display digital tube flashes (the temperature display digital tube stops flashing), indicating that the humidity can be set by pressing the humidity up or down; press


the key again, the temperature / humidity display digital tube stops flashing, and resumes displaying the cabinet temperature and humidity respectively. When the temperature and humidity inside the cabinet is set, without pressing any key, it will automatically return to the state of displaying the temperature and humidity inside the cabinet respectively after 5 seconds.


④Temperature setting/display window. 

⑤Humidity setting/ display window. 

⑥Set temperature / humidity up key  : In the unlocked state, when the box temperature setting /temperature display or the box humidity setting / humidity display is flashing, press this key to change the set temperature / humidity in the box. Press once, the temperature/humidity rises 1 degree until the highest value of the temperature/ humidity setting in the box.

⑦Set temperature/humidity down key  :In the unlocked state,when the box temperature setting/temperature display or the box humidity setting/humidity display is flashing,press this key to change the set temperature/humidity in the box.Press once,the temperature /humidity down 1 degree,until the box temperature / humidity set the minimum value.

⑧Power on/off key  : shutdown state, the display does not show. Press the power switch key, the screen normally displays all parameters and the machine starts to work. When it needs to stop working,long press the power switch key for 3 seconds to turn off the machine.

⑨ UVC Indicator Light  : Anytime the UVC light is on,the UVC Indicator Light will be synchronized.

3) Power failure set temperature memory function: that is, the set temperature in the case of power failure is still automatically saved, the next



time the power is turned on to run the dry aged refrigerators, its temperature setting value is still set temperature according to the last time the power is turned off.

4) Automatic defrost function: dry aged refrigerators has been designed to automate the defrost function.

The purpose of the defrost function is to regularly remove the frost remaining in the refrigeration system(built-in,not visible when not disassembled) evaporator surface, thus ensuring that the refrigeration system has been operating efficiently to obtain a good state of refrigeration.When the machine runs for a period of time,the machine automatically into the defrost state,at this time the dry aged refrigerators compressor to stop running,while the box of refrigeration fan is continuously running.

Defrosting, the box temperature will rise again, which is not a fault.

5) Open the door alarm function: the machine if the door is open for more than 1 minute will sound a beep alarm to remind the door is in the open state.

6) Child lock function: press  and  at the same time for 3 seconds to lock,and all the keys will be locked after being locked.After locking, press two buttons again for 3 seconds to unlock.

The use of the water tank

The water level in the tank should be kept above the middle water level line as much as possible(It is recommended to fill the water tank volume of 1/2-2/3),and If the water level is low,it should be added in time, otherwise it will affect the humidity control in the tank.

Attention:

1,Please connect the power supply according to the voltage requirements on the nameplate.

2, the box outside the style grille is the dry aged refrigerators refrigeration system heat dissipation channel, special attention should be paid to prevent items blocking heat dissipation,otherwise it will cause the

dry aged refrigerators overheating and cause accidents;

3, the box refrigeration window and cold air circulation window in use to avoid blockage, otherwise it will lead to the box temperature does not fall, the box temperature is not uniform and other abnormal phenomena;

4, pay attention to close the box door, long time not to close the door, will cause a decline in refrigeration efficiency, box overflow, the temperature is not normal and other abnormal phenomena.

5, a long time not to use the dry aged refrigerators, should first completely shut down the power supply, clean and open the box door for a period of time, so that the box as dry as possible.

●How To Replace The Charcoal Filter

Remove the shelf in front of the filter (see removing the shelves).

Hold the filter and turn it 90° to remove.

Insert replacement filter vertically and turn it 90° into position.

Re-install the shelves.



NOTE:

The charcoal filter should be replaced every 1 year depending on the unit's exposure level to odour.

Maintenance and Care

Model:	ZS-A145N	ZS-A200N	ZS-A450N
Net volume:	110L	172L	425L
Power supply voltage:	115V 60Hz/ 220-240V 50Hz	115V 60Hz	115V 60Hz
Rated current:	1.25A/0.7A	1.25A	1.8A
Temperature range:	1-25°C/34-77°F	1-25°C/34-77 °F	1-25°C/34-77 °F
Humidity range:	60-85%RH	60-85%RH	60-85%RH
Product size (WxDxH):	595 x 575 x 82 0 mm	490 x 575 x 1271 mm	598 x 680 x 1818 mm

Maintenance and Care

Tips.

1. After the power failure,the compressor's self-protection role need to wait 5 minutes before restarting the refrigeration,otherwise the dry aged refrigerators can not run.
2. If you use the dry aged refrigerators for the first time or reuse after a long shutdown,you may set the temperature and the temperature displayed in the dry aged refrigerators is not consistent,the temperature display will return to normal after the dry aged refrigerators runs for a period of time.

Clean the dry aged refrigerators (keep it clean, can prevent odor generation, can be done according to the following steps.)

1. Cut off the power, use a clean soft cloth to clean the surface of the shelf and dry it immediately.
2. Do not use coarse brushes and rough abrasive cleaning jies to clean the inner lining of the dry aged refrigerators, which will easily damage the surface of the inner lining.
3. Use a soft cloth with neutral cleaning agent or warm water to wipe the exterior of the dry aged refrigerators, and then dry it with a clean soft cloth.
4. When cleaning the dry aged refrigerators accessories, you must unplug the power cord. Use a sponge or soft cloth to wipe away the water vapor to prevent water or other liquids from seeping into the wine cabinet accessories and causing electric shock.

Power outage

Most power outages are repaired within 1 to 2 hours and have little impact on the dry aged refrigerators. However, during a power outage, you should try to minimize opening the dry aged refrigerators door. If the power is out for a long time, beef should be taken out of the dry aged refrigerators to prevent spoilage, or take other appropriate measures.

Decommissioning of dry aged refrigerators

If you decide to take the machine out of service for a period of time, please follow these steps.

1. first turn off and unplug the power supply.
2. remove all items from the dry aged refrigerators and clean it.
3. Open the door slightly to avoid bad odors.

Troubleshooting Guide

Many common issues with your machine can be solved very easily. Try the troubleshooting tips below should you experience any problems.

PROBLEM	POSSIBLE CAUSE
Machine does not operate.	Not plugged in. The appliance is turned off. The circuit breaker tripped or a blown fuse.
Machine is not cold enough.	Check the temperature control setting. External environment may require a higher setting. The door is opened too often. The door is not closed completely. The door gasket does not seal properly
Turns on and off frequently	The room temperature is hotter than normal. A large amount of contents has been added to the machine. The door is opened too often The door is not closed completely. The temperature control is not set correctly. The door gasket does not seal properly.
The light does not work.	Not plugged in. The circuit breaker tripped or a blown fuse. The light switch is "OFF".
Vibrations	Check to assure that the machine is level.
The door will not close properly.	The machine is not level. The door was reversed and not properly installed. The gasket is dirty. The shelves are out of position.

The Machine seems to make too much noise	<p>The rattling noise may come from the flow of the refrigerant, which is normal. As each cycle ends, you may hear gurgling sounds caused by the flow of refrigerant in your machine.</p> <p>Contraction and expansion of the inside walls may cause popping and crackling noises.</p> <p>The machine is not level.</p>
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Fault Code

Fault Code	Reason	Solution
E0	Temperature sensing head open circuit display	Check whether every cable terminal connected to the temperature sensor is properly connected or the lines are broken ,if both are good, please change temperature sensor
E5	Communication failure display	Check whether the cable terminal connected to the display board is properly connected or the lines are broken, if both are good, change display board or power board
L	After reaching a set temperature, continuously 1 hour $\leq -3^{\circ}\text{C}$, low temperature warning	Check temperature sensor or PCB for damage,change temperature sensor or PCB

H	After reaching a set temperature, continuously 1 hour $\geq 28^{\circ}\text{C}$, high temperature warning	Check the door properly closed? Check temperature sensor or PCB for damaged? Close the door or change temperature sensor and PCB
LL	$\leq -9^{\circ}\text{C}$, ultra-low temperature warning	Check temperature sensor or PCB for damage, change temperature sensor or PCB
HH	$\geq 44^{\circ}\text{C}$, ultra-high temperature warning	Check temperature sensor for damage or environment temperature too high, change temperature sensor or reduce environment temperature

Note: If the dry aged refrigerators does not operate normally, in either case, to ensure safety, first unplug the power supply before contacting the supplier.

Several non-failure phenomena:

- Dry aging refrigerators surface condensation:

Condensation is a natural phenomenon, dry aged refrigerators in the summer high temperature and high humidity environment work, box shell and glass door body surface because of the low temperature, the moisture in the air will be condensed in the box shell and glass door surface, touch a wet feeling. Condensation phenomenon mainly occurs in the door seal, door body surface and other parts. When the relative temperature of the air exceeds 80%RH, the glass door surface of the dry aged refrigerators will appear beaded condensation, which is a normal phenomenon, condensation occurs, you can use a soft cloth to wipe off the condensation, when the relative reduction in ambient temperature condensation phenomenon will disappear naturally, will not affect the performance of the dry aged refrigerators, in addition to reduce the phenomenon of condensation, please pay attention to the following points when you use.

1. dry aged refrigerators in the summer rainy season, often use a soft cloth to wipe the surface of the glass door and other condensation department, can reduce the phenomenon of condensation.

2. the dry aged refrigerators will be placed to the location of better ventilation, which can also reduce the phenomenon of condensation.

- Dry aged refrigerators has "buzzing" vibration sound or like the sound of running water:

1. Dry aged refrigerators work, the compressor will occur a slight "buzzing" sound. If the dry age refrigerators is not placed smoothly, will also produce vibration and noise.

2. Refrigeration system refrigerant flow in the pipe like the sound of running water.

The above sound is a normal phenomenon

