Ca'Lefort

CLF-BS428-23

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IMPORTANT SAFETY RULES

Before using the appliance, properly position and install it as described in this manual.Read the manual carefully. To reduce the risk of fire, electrical shock, or injury, follow these precautions:

Plug into a grounded 3-prong outlet only. Do not remove the grounding prong, and do not use an adapter or an extension cord.

Provide a separate circuit for your appliance only. Use receptacles that cannot be turned off by a switch or pull chain.

Never clean appliance parts with flammable fluids. These fumes can create a fire hazard or explosion. Do not store or use gasoline or other flammable vapors and liquids near this or any other appliance.

Before cleaning or performing maintenance,ensure the power line is disconnected.

Do not connect or disconnect the electric plug when your hands are wet.

Unplug the appliance or disconnect power before cleaning or servicing.Failure to do so can result in serious injury, electrical shock, or death.

☆ WARNING

Use two or more people to move and install appliances. Failure to do so can result in a back or other injury.

Ensure the front of the unit is completely unobstructed for proper ventilation. Install in a well-ventilated area with temperatures between 60°F (16℃) and 90°F (32℃). Protect the unit from wind, rain, water spray, or drips.

Do not place the appliance near ovens, grills, or other high-heat sources.

Install the appliance with all electrical, water, and drain connections in accordance with state and local codes. Use a standard electrical supply (115 V AC only, 60 Hz), properly grounded in accordance with the National Electrical Code and local codes.

Do not kink or pinch the power supply cord.

The fuse (or circuit breaker) size should be 15 amperes.

Level the appliance for proper operation. Make adjustments as necessary. Never allow children to operate, play with, or crawl inside the appliance.

Do not use solvent-based cleaning agents or abrasives on the interior. These cleaners may damage or discolor the interior.

Use the appliance only for its intended purpose.

FLAMMABLE REFRIGERANT GAS

For your safety, follow these recommendations.

This appliance contains a small quantity of R600a refrigerant, which is environmentally friendly but flammable. It does not damage the ozone layer or increase the greenhouse effect.

During transportation and installation, ensure that the tubing of the refrigerant circuit is not damaged.

Avoid using or manipulating sharp objects near the appliances.

Leaking refrigerant can ignite and cause eye damage.

If damage occurs, avoid open fires and any spark-creating devices to prevent ignition. Disconnect the appliance from the main power.

Thoroughly ventilate the room in which the appliance is located for several minutes. Notify Customer Service for necessary action and advice.

The installation room must have at least 1 cubic meter per 0.28 Oz of refrigerant. The refrigerant quantity is listed on the rating plate of the appliance.

☆ DANGER

Risk of fire or explosion due to flammable refrigerant. Handle with extreme caution.

Do not use mechanical devices for defrosting. Do not puncture or damage refrigerant tubing.

Only trained service personnel should perform repairs.

☆ WARNING

Risk of fire or explosion due to flammable refrigerant. Handle with extreme caution.

Consult the repair manual or owner's guide before servicing. Follow all safety precautions.

Risk of fire or explosion. Dispose of property in accordance with federal and local regulations.

Risk of fire or explosion if refrigerant tubing is punctured. Carefully follow the handling instructions.

To reduce the risk of fire, electrical shock, or injury when using your appliance, follow these basic precautions:

☆ WARNING

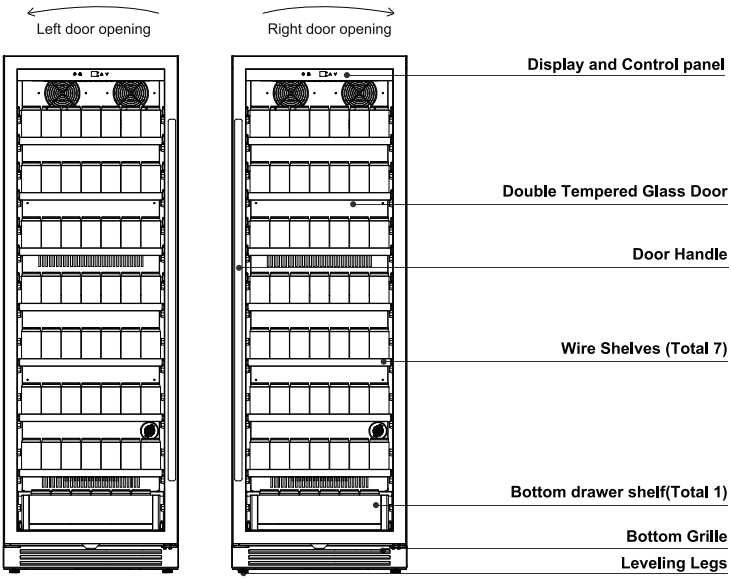
Never allow children to operate, playwith, or crawl inside the appliance.

Before you throw away your old beverage refrigerator, take off the door but leave the shelves in place so that children cannot easily climb inside.

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

Do not store or use gasoline or any other flammable vapors or liquids in the vicinity of this or any other appliance. The fumes can create a fire hazard or explosion.

PARTS & FEATURES



Large Storage Capacity	
Voltage:	115V/60Hz
Rated Current:	2.0 A
Capacity :	373 cans of 12 oz
Temperature Range:	34°F-54°F (1°C-12°C)
Net Weight:	217.5 LB
Gross Weight:	247.7 LB
Unit Dimension:	23.4"W x 26.4"D x 69.3"H
Packaging Dimension:	26.0"W x 29.9"D x 75.8"H
Refrigerant:	R600a

INSTALLATION INSTRUCTIONS

Before Using the Beverage Refrigerator

Remove the exterior and interior packing
Check to be sure you have all of the following parts:
1 * Bottom drawer shelf
7 * Iron wire shelves
1 * Door handle
1 * User Manual
1 * L-shaped screwdriver

Before connecting the Beverage Refrigerator to the power source,let it stand up right for approximately 24-36 hours.It will reduce the possibility of a malfunction in the cooling system from handling during transportation. Clean the interior surface with lukewarm water using a soft cloth.

Installation of the Beverage Refrigerator

This appliance is designed to be for freestanding installation or built-in (fully recessed). Place your product on a floor that is strong enough to support it when it is fully loaded. To level the product, adjust the front leveling legs at the bottom of the unit.

Please locate the product away from direct sunlight and sources of heat (stove, heater, radiator etc. Due to direct sunlight may affect the acrylic coating and heat sources may increase electrical consumption. Extreme cold ambient temperatures may also cause the unit not to perform properly. Don't install in a location where the temperature will fall below60°F(16℃). Avoid locating the unit in a moist area.

For best performance, it is recommended that you install the appliance in a location with an ambient temperature between 66-75°F. If the ambient temperature is above or below recommended temperatures, the performance of the unit may be affected.

Built-in Cabinet Instructions

For built-in installation, leave a 6-mm space on each side and at the top of the beverage refrigerator to ensure proper air circulation to cool the compressor and condenser. Also, be sure to not obstruct the front exhaust vent with any objects as this may affect the unit from performing properly.

Cabinet Opening Dimensions

Minimum Width	Minimum Depth	Minimum Height
23.65 ”（60.1 cm）	26.65 ”（67.7 cm）	69.55 ”（176.7 cm）

Electrical Connection

☆ WARNING

Improper use of the grounded plug can result in the risk of electrical shock. If the power cord is damaged, have it replaced by an authorized service center.

This appliance should be properly grounded for your safety. The power cord of this appliance is equipped with a three-prong plug which mates with standard three prong wall outlets to minimize the possibility of electrical shock.

☆ NOTE

Plug the unit into an exclusive, properly installed, grounded wall outlet. Do not, under any circumstances, cut or remove the third (ground) prong from the power cord. For personal safety, this appliance must be properly grounded. And any questions concerning power and/or grounding should be directed toward a certified electrician or an authorized service center.

The appliance should always be plugged into its own individual electrical outlet, which has a voltage rating that matches the label on the appliance. This provides the best performance and also prevents overloading house wiring circuits that could cause a fire hazard if overheated. Never unplug the appliance by pulling the power cord. Always grip the plug firmly and pull it straight out of the receptacle. Repair or replace immediately all power cords that have become frayed or otherwise damaged. Do not use a cord that shows cracks or abrasion damage along its length or at either end. When moving the appliance, be careful not to damage the power cord.

This appliance requires a standard 115/120 volt AC/60 Hz electrical ground outlet with three prongs. Have the wall outlet and circuit checked by a qualified electrician to make sure the outlet is properly grounded. When a standard 2-prong wall outlet is encountered, it is your responsibility and obligation to have it replaced with a properly grounded 3-prong wall outlet. The cord should be secured behind the appliance and not left exposed or dangling to prevent accidental injury.

Extension Cord

Because of potential safety hazards under certain conditions, it is strongly recommended that you do not use an extension cord with this appliance. However, if you must use an extension cord it is absolutely necessary that it be a UL/CUL-Listed, 3-wire grounding type appliance extension cord having a grounding type plug and outlet and that the electrical rating of the cord be 115 volts and at least 10 amperes.

Installing the Handle

This beverage refrigerator includes a handle. To install the handle please follow the below instructions(taking the right-opening door as an example):

Step 1:
Remove the door gasket where the handle should be installed on the left side of the door, as shown below. You won't need tool since the gasket can be removed by hand. You can start with a corner if you can't remove it from the center.

Step 2:

Use the two handle screws, lock washer and flat washer included in the bag containing the instruction manual and insert them into the side of the door from the inside to the outside.

Step 3:

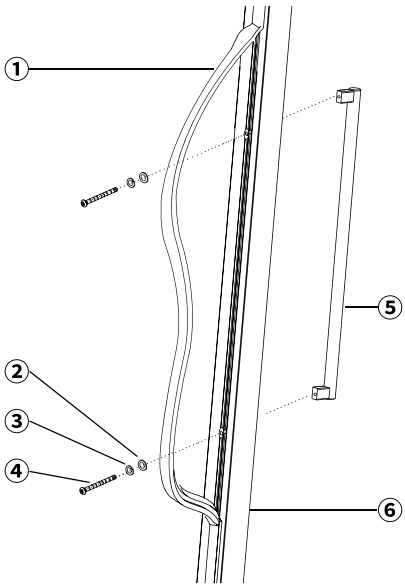
Align the holes in the handle with the screws, tighten the screws using the screwdriver until the base of the handle is at the level of the door and that the handle is tight but not too tight to damage the assembly.

Step 4:

Replace the gasket the door in place.

Note:

The Handle Screws ④ are packed with other accessories in the instruction manual bag. please insert them into the door before installing the handle.

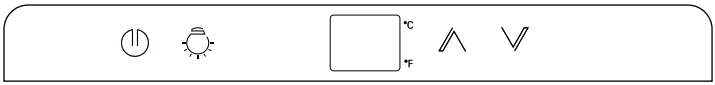


① **Gasket**
② **Flat washer**
③ **Lock washer**
④ **Screw**
⑤ **Handle**
⑥ **Doorframe**

OPERATING YOUR BEVERAGE REFRIGERATOR

It is recommended you install the beverage refrigerator in a place where the ambient temperature is between 66-75°F (19-24°C). If the ambient temperature is above or below recommended temperatures.the performance of the unit may be affected. For example, placing your unit in extreme cold or hot conditions may cause interior temperatures to fluctuate. The range of 34°F-54°F (1°C-12 ℃) may not be reached.

Control Panel



Power ON/OFF:

Short press is invalid
Press and hold for 5 seconds to control on/off

Lighting

Short press the control box to cycle the lights in the white, blue and orange colors.
Press and hold for 5 seconds to cycle between the two interior light modes [Light Always On & Door-Triggered Mode]. Default mode on power-up is Door-Triggered Mode..
In Door-Triggered Mode:Light turns off when door is closed; Light turns on when door is open.
In Light Always On Mode: Light is always on no matter whether the door is opened or closed.

Temperature [+] button:

Short press: Increases the set temperature by 1°C/°F each press.
Long press (5 seconds): Displays the cabinet's actual internal temperature for 5 seconds, then reverts to showing the set temperature.

Temperature [-] button:

Short press: Decreases the set temperature by 1°C/°F each press.
Long press (5 seconds): Switch the °C/°F temperature display.

☆ NOTE

If the unit is unplugged, if the power is lost, or turned off, you must wait 3 to 5 minutes before restarting the unit. If you attempt to restart before this time delay, the beverage refrigerator will not start.

When you use the beverage refrigerator for the first time or restart the beverage refrigerator after having been shut off for a long time, there could be a few degrees variance between the temperature you select and the one indicated on the LED readout. This is normal and it is due to the length of the activation time. Once the beverage refrigerator is running for a few hours everything will be back to normal.

★ NOTE

This product is designed for storing and cooling beverage. It is not intended for storage of perishable foods.

Large Storage Capacity

The size and dimensions of cans may vary, and approximately 373cans of 12oz beverage can be stored in a beverage cabinet. You can place 49 cans per layer and 30 cans at the bottom of the beverage cabinet.

Moving the Beverage Refrigerator

1.Remove all items (beverage).

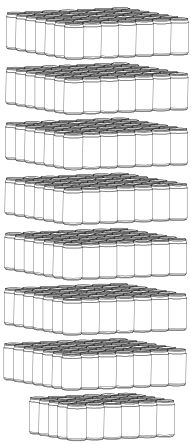
2.Tape down securely all loose items (shelves) inside your appliance.

3.Turn the adjustable leg up to the base to avoid damage.

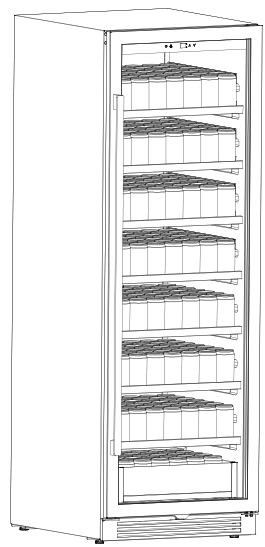
4. Tape the door shut.

5.Be sure the appliance stays secure in the upright position during transportation. If you absolutely need to transport the cellar horizontally, transport the cellar on its back (door on top).

6.Protect outside of appliance with a blanket, or similar item.



Total：49x7+30= 373 bottles



Cleaning the Beverage Refrigerator

Turn off the power, unplug the appliance, and remove all items including shelves. Wash the inside surfaces with a warm water and baking soda solution. The solution should be about 2 tablespoons of baking soda to 1 cup of water. Wash the shelves with a mild detergent solution. Wring excess water out of the sponge or cloth when cleaning area of the controls, or any electrical parts. Wash the outside cabinet with warm water and mild liquid detergent Rinse well and wipe dry with a clean soft cloth.

Automatic Defrosting

The unit defrost automatically. The evaporator behind the rear wall of the unit defrosts automatically. The condensate collects in the drainage channel behind the rear wall of the unit, and flows through the drainage hole into the drip tray by the compressor where it evaporates.

Power Failure

Most power failures are corrected within a few hours and should not affect the temperature of your appliance if you minimize the number of times the door is opened. If the power is going to be off for a longer period of time, you need to take the proper steps to protect your contents.

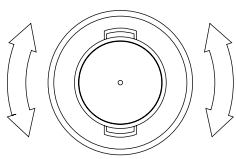
★ ATTENTION

Please do disconnect the unit during operation to avoid you exposing yourself to risk of electric shock or personal injury.

Charcoal Filtration System

Your beverage refrigerator is equipped with an active charcoal filtration system to ensure air purity and to maintain an odour free cabinet for the storage of your beverages. The filter is located at the bottom of the rear panel inside your cellar. Keep in mind, that this filter should be changed every 12 months.

Remove the bottles of beverage stored on the two shelves in front of the filter.
Remove the shelves and set aside to be replaced once you have changed the filter.
Hold the filter and turn it at 45 degrees in the counter-clockwise direction and then pull it out.
Remove the existing filter and replace with a new one.d Put the new filter into the hole and then turn the filter at 45 degrees in clockwise direction.



Energy Saving Tips

The beverage refrigerator should be located in the coolest area of the room, away from heat producing appliances, and out of the direct sunlight. Ensure that the unit has proper allowances on all sides for proper ventilation. Never cover any air vents. affect internal temperature. Only open the cooler door for as long as necessary. Frequent opening of the door will affect internal temperature.

TROUBLESHOOTING GUIDE

You can solve many common beverage refrigerator problems easily, saving you the cost of a possible service call. Please try the suggestions below to see if you can solve the problem before emailing the service team.

PROBLEM	POSSIBLE CAUSE	SOLUTION
Cellar does not operate	Not plugged in. The appliance is turned off. The circuit breaker tripped or a blown fuse.	Plug the unit. Turn on the unit Check the breaker and/or fuses.
The compressor ion turns on and off frequently	The room temperature is hotter than normal. A large amount of contents has been added to the cellar. 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.	Close the door properly. Check the door gasket. Don't open or close doors frequently.
The fans turn on and off frequentl	In order to circulate the air and maintain the set temperature inside the cabinet the fans must cycle on and off even when the compressor is off. The fans will cycle ON and OFF while the compressor is off approximately every 20 seconds, this is called [Semi-speed status] .This cycle is normal and meant both to circulate the air as well as ensure the continued operational status of the fans. If the fan stops completely and does not complete this cycle the fan is non-operational.	
Fan is always running	This is simply a function of the cooling system. The lower the setting the more the fan will run. If the room is very warm, the cooler will run more. The unit has been designed to run continuously when operating at the lower temperatures.	
The light does not work	The power cord is not plugged in. Circuit breaker tripped or fuse blown. The 'Light' button is in the 'Off' state.	Plug the unit. Press the power button to turn on the Cellar. Check the breaker and/or fuses.
Vibrations sound	The cellar does not be leveled. The bottles are vibrating. There is an object under the Cellar.	Check to ensure that the Cellar is level. Make sure the bottles don't touch each others. Remove the object. Add silicone pads.
Cellar is not cold enough	The temperature has not been set to a low temperature value. The door is not completely closed. The door seal is deformed or damaged. The door opens too frequently.	Check the temperature control setting. Close the door properly. Check the door gasket. Don't open or close doors frequently.
The phenomenon of flashing lights	In some instances, this is normal the light may flash when the automatic defrost function starts to work. Set temperature is higher than inner temperature.	Adjust temperature to resolve.
Frost appears in cabinet (on back)	Either too much humidity or too low of temperature inside cabinet.	Unplug cellar and allow to manually defrost. Reconnect when ice has melted. If problem persists, please contact service center for assistance.

PROBLEM	POSSIBLE CAUSE	SOLUTION
The door will not close properly	The Cellar is not level., The door was reversed and not properly installed. The gasket is deformed or damaged. The shelves are out of position.	Level the cellar. Close the door properly. Clean the door gasket or Place the shelves properly.
Not cooling	Compressor and fan not working. The temperature is not set properly. Damaged door control switch. Pipeline blockage and solenoid valve malfunction. Leakage of refrigerant.	Open and close the door several times, listen to whether the compressor and fan are working properly? If working normally, is the set temperature value normal? If it is still normal, then confirm whether the sealing strip of the door seam is damaged, causing the door to not close tightly? If all the above issues are normal, it may be caused by a refrigeration system malfunction or refrigerant leakage. Please contact customer service center for assistance.
The product seems to make too much noise	The unit is not level. Fan noise (inner fan, outer fan). Working noise of refrigeration system (compressor noise). Vibration noise (internal and external fan vibration, compressor vibration, loose foot pads).	Level the cellar. Check whether the inner and outer fans have scraped the wire group or other foreign objects on the blades during operation. 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 cellar. Contraction and expansion of the inside walls may cause popping and crackling noises. Check whether the inner and outer fans scrape the wires or other foreign objects during operation. Check whether all parts inside and outside the box are tight, slippery teeth, missing, all parts should be all tight state. Check whether the foot of the bottom of the box is high or low, if so, readjust to four feet are close to the ground. Check whether the pipes in the compressor compartment are bumping into pipes or walls. If so, it is necessary to readjust the distance between pipes and pipes and between pipes and walls, preferably >5mm.

Code	Meaning of fault code	Possible causes	Solution
	Communication malfunction EU (Poor communication between display board and power board)	1. Display board malfunction; 2. The power board is damaged; 3. The plug from the power board to the display board is loose; 4. The connection line between the power board and the display board is open circuited;	1. Replace the display board; 2. Replace the power board; 3. Check all connection plugs; 4. Check the connecting wires and find a way to connect them.
	Open door alarm E0 (Note: If the linear distance between the magnet on the door and the Hall element is greater than 25mm and the time exceeds 180 seconds, report E0)	1. The door was not closed properly; 2. Loose or misaligned magnets or magnet brackets; 3. Hall element damage; 4. The Hall element or plug to the power board is loose and detached; 5. The connection line between the Hall element and the power board is open or short circuited.	1. Check if the door is not tightly closed. If not, close the door tightly; 2. Tighten the magnet bracket or replace the magnet bracket component; 3. Replace the Hall element; 4. Check all connection plugs; 5. Check the circuit and repair any open or short circuits.
	Temperature difference alarm Et (At the end of 5 consecutive defrosting sessions, the temperature difference between the temperature sensor probe in the box and the evaporator temperature sensor probe exceeds 5°C, indicating that there is a risk of frosting)	1. There is a gap between the door and the box when they are closed, causing water vapor from outside the box to enter and frost to form inside, resulting in a temperature difference; 2. The fan inside the box is not working, causing ice blockage on the air guide plate; 3. The temperature sensing probe is damaged, resulting in a sensing temperature difference exceeding 5 ℃; 4. Incomplete defrosting of the product.	1. Close the door tightly and seal the gap; 2. Check if the plug and wiring of the internal fan are loose; Replace the internal fan; 3. Replace the temperature sensing probe; 4. Turn off the power of the product for 30~60 minutes, and re-power it after the evaporator frost is completely melted.
	High temperature alarm HI (Refrigeration for 24 hours did not reach the set temperature+5 ℃ range)	1. The compressor does not start; 2. The temperature sensing probe is damaged; 3. Leakage of cold; 4. The internal fan does not rotate; 5. The power board is damaged.	1. Check if the compressor is started. If it is started, there may be refrigerant leakage and it needs to be refilled; If it does not start, check if there is voltage between the starter and protector of the compressor, If there is, it is possible that the compressor is damaged and the protection is triggered. Replace the compressor; If there is no voltage, the power board may be damaged, replace the power board; 2. Replace the temperature sensing probe; 3. Recharge the welded pipe with refrigerant; 4. Check if the plug and wiring of the internal fan are loose; Replace the internal fan; 5. Replace the power board;
	Low temperature alarm LO (Heating for 24 hours does not reach the set temperature range of -5°C)	1. PTC heater does not start; 2. The temperature probe is damaged; 3. The power board is damaged.	1. Replace the PTC heater; 2. Replace the temperature probe; 3. Replace the power board.
	NTC1 Open Circuit E1 (Upper Temperature Zone Sensor, at the Wind Deflector)	1. The connection wire or terminal block of NTC1 is faulty; 2. NTC1 is damaged; 3. The power board is damaged.	1. Check whether the connecting wire of NTC1 and each terminal block are off or broken; Reconnect the detached or wired wires; 2. Replace NTC1; 3. According to the inspection of NTC1, confirm that there is no problem with the wire and the inside of NTC1; 4. Replace the power board.
	NTC1 short-circuit E2 (upper temperature zone temperature sensor, at the wind deflector)	1. The connecting wires from the two poles of NTC1 to the power board are short-circuited; 2. NTC1 damage;	1. Disconnect NTC1 and power board, check whether the two wires between NTC1 and power board are short circuited, find out the short circuit point and repair it; 2. Replace NTC1; 3. Replace the power board.

	NTC3 open E5 (upper temperature zone defrost sensor, at upper evaporator)	1. The connecting wire or terminal block of NTC3 is faulty; 2. NTC3 damage; 3. The power board is damaged.	1. Check whether the connecting wire of NTC3 and each terminal block has the terminal falling off or disconnected, and reconnect the falling off or wire; 2. Replace NTC3; 3. According to the inspection of NTC3, confirm that there is no problem with the wire and the inside of NTC3; 4. Replace the power board.
	NTC3 short-circuit E6 (upper temperature zone defrost sensor, at upper evaporator)	1. The connection wire of NTC3 pole to power board is short-circuited; 2. NTC3 damage; 3. The power board is damaged.	1. Disconnect NTC3 and power strip, check whether the two wires between NTC3 and power strip are short circuited, find out the short circuit point and repair it; 2. Replace NTC3; 3. Replace the power board.
	NTC4 Open Circuit E7 (Temperature Sensor in the Lower Temperature Zone, at the Wind Deflector)	1. The connecting wire or terminal block of NTC4 is faulty; 2. NTC4 damage; 3. The power board is damaged.	1. Check whether the connecting wire of NTC4 and each terminal block has the terminal falling off or disconnected, and reconnect the falling off or wire; 2. Replace NTC4; 3. According to the NTC4 inspection,
	NTC4 short circuit (temperature sensor in the lower temperature zone, at the wind deflector)	1. The connection wire of NTC4 poles to the power board is short-circuited; 2. NTC4 damage; 3. The power board is damaged.	1. Disconnect NTC4 and power board, check whether the two wires between NTC4 and power board are short circuited, find out the short circuit point and repair it; 2. Replace NTC4; 3. Replace the power board.
	NTC5 open E9 (defrost sensor in the lower temperature zone, at the lower evaporator)	1. The connection line or terminal block of NTC5 is faulty; 2. NTC5 damage; 3. The power board is damaged.	1. Check whether the connecting wire of NTC5 and each terminal block has the terminal falling off or disconnected, and reconnect the falling off or wire; 2. Replace NTC5; 3. According to the NTC5 inspection, confirm that there is no problem with the wires and inside of the NTC5, and replace the power board.
	NTC5 short-circuit EA (defrost sensor in the lower temperature zone, at the lower evaporator)	1. The connection wire of NTC5 poles to the power board is short-circuited; 2. NTC5 damage; 3. The power board is damaged.	1. Disconnect NTC5 and power strip, check whether the two wires between NTC5 and power strip are short circuited, find out the short circuit point and repair it; 2. Replace NTC5; 3. Replace the power board.

CONTACT US

Our experienced customer service team is always here to help you. If you have any questions, please contact us by the following way.

Customer Service Email

service@calefort.com

Address	
Phone	
Fax	
Email	
Online	

Activate Warranty & Join Us

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Email: **service@calefort.com**

*Activate Product Warranty

*VIP Exclusive Service

*Personalized product care & records

Just let us know if you have any questions about our products!