

Note

1. The electric circuit diagram and parameters on the product nameplate are final ones if they have been changed.
2. The design might be improved without notice.

Consult repair manual / owners guide before attempting to install or service this product. All safety precautions must be followed. Dispose of properly in accordance with federal or local regulations. Only Competent Qualified / Skilled technicians must carry out repairs to this product



WARNING: Refrigerant is facility burning of R290 , please protect against fire.



Disposal: EU regulations require refrigeration product to be disposed of by specialist companies who remove or recycle all gasses, metal and plastic components. Consult your local waste collection authority regarding disposal of your appliance. Local authorities are not obliged to dispose of commercial refrigeration equipment but may be able to offer advice on how to dispose of the equipment locally. All packaging materials should be disposed of in an environmentally friendly way. The cardboard may be used as scrap paper. The protective foil and the foam cushions are CFC-free. Do not allow children to play with the packaging and destroy plastic bags safely.



Environmental protection: Discarded electric appliances are recyclable and should not be discarded in the domestic waste! Please actively support us in conserving resources and protecting the environment by returning this appliance to the collection centers (if available).

Compliance

Parts have undergone strict product testing in order to comply with regulatory standards and specifications set by international, independent, and federal authorities. Products have been approved to carry the following symbols:

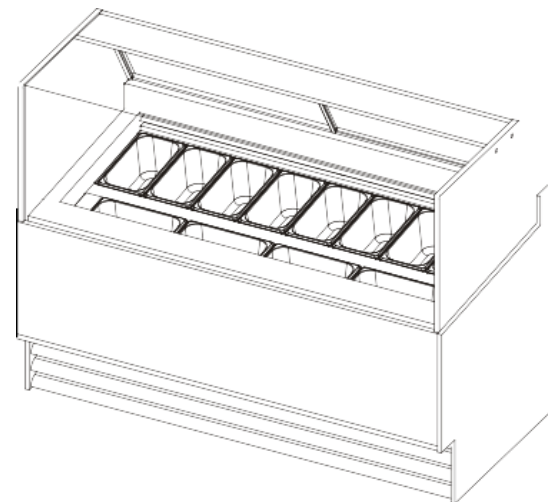


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ICE CREAM DISPLAY

OPERATION INSTRUCTIONS



Thank you for choosing and purchasing our product. Please carefully read the operation instructions before use for a correct application and satisfactory effect.

This appliance compliance with the requirement of directive 2006/42/EC.

Contents

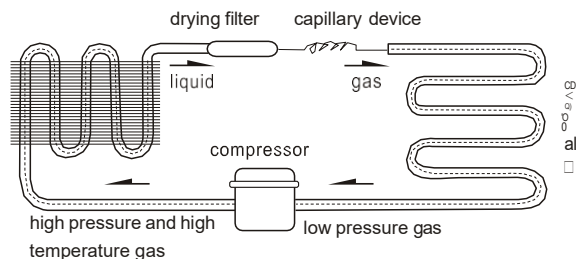
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Major Parameters

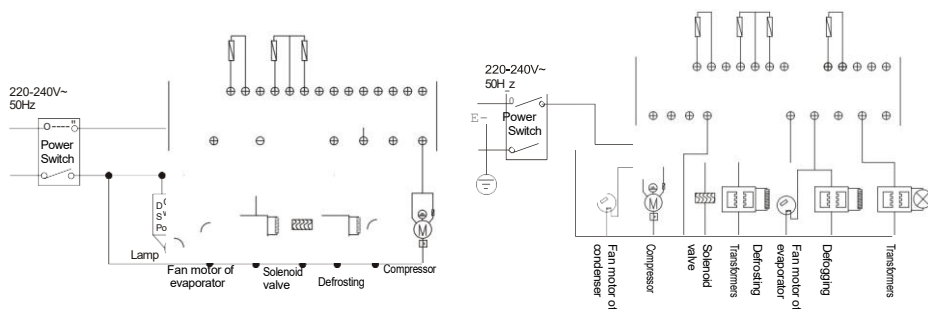
Parameter	BZ-LUXE6	BZ_LUXE9	BZ-LUXE12	BZ-LUXE15
Coolant and injection quantity(g)	R290(148)	R290(148)	R290(148)	R290(148)*2
General Rated input power(W)	860	1050	1625	1320
Rated current(A)	4.3	6.5	8.9	8.5
Refrigeration temperature(°C)	-16/-18	-16/-18	-16/-18	-16/-18
Electric shock protection class	I	I	I	I
Type of climate	4	4	4	4
Total effective volume(L)	189	285	378	480
Net weight(kg)	106	195	252	304
Rated voltage(V-)	220-240	220-240	220-240	220-240
Rated Frequency (Hz)	50	50	50	50
Overall dimension (mm) (LxWxH)	910x880x1300	1260x880x1300	1610x880x1300	1960x880x1300
Foaming agent	Cyclopentane	Cyclopentane	Cyclopentane	Cyclopentane
Lamp power(W)	17.5(LED)	25(LED)	33.8(LED)	42.5(LED)

Principle of Refrigeration System and Electric Circuit Diagram

The principle of compression refrigeration consists of "compression", "condensation", "throttling" and "vaporization". The compression is undertaken by the compressor, condensation is completed by the condenser, the throttling valve is executed by capillary and the vaporization is implemented by the evaporator. When the coolant is circulating in the closed refrigeration system, the compressor sucks coolant, which absorbs heat in the evaporator, the coolant becomes a high pressure and high temperature gas. In the condenser it dissipates heat in air, while the coolant is re-liquefied and throttled in capillary and then enters the evaporator with low pressure. The liquefied coolant quickly boils and vaporizes into gas when the pressure suddenly drops. Meanwhile, it absorbs heat inside the refrigerator. And the compressor sucks the low pressure and low temperature gaseous coolant,.....It is circulating in this way up to realization of intended refrigeration.



Circuit Diagram



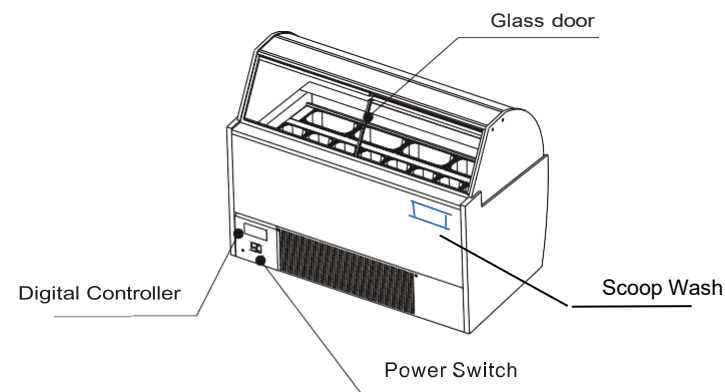
Luxe6
Luxe9
Luxe12

Luxe15

General

1. Top brand fully enclosed compressor is used in this Ice Cream display counter. The refrigerant R290 is an environmentally friendly refrigerant with a low global warming potential. The cooling is fan assisted allowing even temperature inside the display area.
2. Double glazed glass is used in the display area. It features an artistic and elegant appearance, perfect perspective and easy access.
3. It has a wide application in the commercial setting in either a retail or foodservice establishment.
4. The intend use of this product is to display pre-frozen desserts for sale which should be re-stocked regularly and used to display and serve products from it.

Structure and Parts





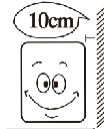

NOTE! The unit is supplied on castors to enable easy transportation over an even flat and level surface.

Do not push on the glass panels when moving the equipment. Care must be taken to prevent the unit from tilting during movement. Seek assistance when moving the equipment, ensure safe working practices are employed with appropriate safety measures in place.

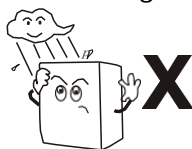
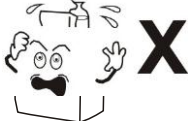

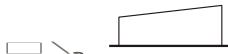
Once in position adjust the 4 adjustable feet to level the cabinet, check the level with a spirit level.

Mount the scoop wash tray (packed inside the display area) on the rear of the cabinet in a position to suit the operator.

Handle and Erection

<p>Handle with care Unplug the wall socket first. Never tilt it over 45 degree during handling.</p> 	<p>Dry place Always locate the refrigerator at a dry place.</p> 
<p>Sufficient space The distance from both sides and back of refrigerator to wall or other substance must be less than 10cm. The refrigeration capability might be decreased if its surround space is too small to circulate air.</p> 	<p>Well ventilation Always locate the refrigerator at a place with fine ventilation. For the first time use, wait for 2 hours after handling and then plug the wall socket and start it.</p> 

Handle and Erection

<p>Far from heat source Never place the refrigerator directly under the sunshine. Never locate it nearby any heat source or heater to prevent it from reducing refrigeration capability.</p> 	<p>No heavy load Never put any heavy load on the top of the refrigerator. Never push on the glass when moving the cabinet.</p> 
<p>No hole making Never make hole on the refrigerator. Never install other matter on the refrigerator.</p> 	<p>Stable location To avoid the unexpected noise and vibration, Unpack and locate the refrigerator on a flat and solid place. Once in position adjust the feet to meet the floor to prevent further movement.</p> 

Trouble Shooting

Problem	Cause	Remedy
No refrigeration	Is the plug in the socket correctly?	Check the plug
	Is the fuse broken?	Check fuse and replace if needed
	Is there no power from the socket?	Plug another unit into the socket to check if it works
	Is the RCD on the display set to off?	Switch on the RCD switch. If this switch keeps cutting off, seek technical advice.
Unsatisfactory Refrigeration	Is it in direct sunlight or near a heat source?	Move away from the heat source
	Is the surrounding area bad for ventilation?	move to an area with improved ventilation
	Does the door close correctly? Is the door left open?	Check the door
	Is the unit too full?	Remove some food
	Is the temperature controller correct	Check the controller
Unit is making irregular noise	The fridge is not sitting level	Move to a flat surface
	The fridge is vibrating off something else	Move the unit so it is not touching anything
	There is a loose part in the refrigerator	Check the interior for loose items
Contact the manufacturer for help if simple trouble shooting does not solve the problems		

Note

The following occurrences are not problems

The noise of water is heard when the fridge is working, this is a natural occurrence as the coolant is circulating the system.

Condensation may be found on the outside of the fridge. This is not a problem, it is caused by ambient humidity, simply use a cloth to wipe it, improve the ventilation in the room.

Children should be supervised to ensure that they do not play with the appliance. The operation manual are not suitable for the persons (including children) with reduced physical, sensory or mental capabilities, or lack of experience and knowledge.

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

During normal operation, the emission noise level does not exceed 70dB(A). The maximum loading of the Shelf does not exceed 18kg.

The climatic class of the appliance is 4, the Units are suggested to be used at 16°C-32°C ambient temperature.

To avoid damages or other problems, this product can not be put or stored with any corrosive food.

WARNING! Keep ventilation openings clear of obstruction at all times.

WARNING! Do not use mechanical devices or any other means of accelerated defrosting unless recommended by the manufacturer.

WARNING! Do not damage or modify the refrigeration circuit.

WARNING! Do not use electrical appliances inside the food storage areas unless they are recommended by the manufacturer.

Maintenance

1. Notice

Often keep the refrigerator clean and periodical maintenance is necessary.

Always unplug the socket before maintenance.

Never use damaged plugs or loose socket to prevent electric shock or short circuit. Never flush the refrigerator. Never use alkali detergent, soap, gasoline, acetone or brush.

2. Clean outside

Dip soft cloth in neutral detergent (tableware detergent) to clean the outside of the refrigerator and then wipe it with dry soft cloth.

3. Clean inside

Take rack out for cleaning with water.

Use soft cloth to wipe the box.

4. Shut down refrigerator for a long time

Take all food out and unplug the wall socket.

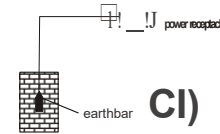
Clean both inside and outside of the refrigerator thoroughly and open the door for sufficient dry.

The glass breaks easily. Keep the glass far from children.

Preparation and Power Supply

Exclusive power socket

Normally, the power supply should be 220-240V single phase AC with exclusive single phase three pin receptacle(250V,10A) and fuse (6A).The power receptacle must have a reliable earth connection.



No share on socket

Never let the refrigerator share the common socket with other appliance, otherwise the cable becomes hot, and fire might be resulted. **DO NOT** use extension leads.



Protect cables

Never break or damage the cables otherwise current leakage and fire might be resulted.



No water flushing

Never give the refrigerator surface a flush otherwise current leakage might be resulted.



Preparation and Power Supply

Prevent from flammables and explosive

Never put any flammable or explosive inside the refrigerator such as ether, gasoline, alcohol, adhesive and explosive. Never put dangerous product nearby the refrigerator.



No spray

To spray the flammables such as paint or coating nearby the refrigerator is not allowed, otherwise fire might be resulted.



After power break

After power break or unplugging the refrigerator, always wait at least 5 minutes and then you may plug the refrigerator and start it again.



No medicine

No medicine is allowed to keep inside the refrigerator.



Usage Instructions

1. Before use:

Plug the fridge in to an exclusive 220-240V~ socket

Once the fridge has been running place your hand on the air extractor to confirm that it is sufficiently cold once you are happy then you may put food inside.

2. Digital temperature controller:



Construction instructions:

This parts consist of display panel and main control board, using serial port signal line for data communication.

1.1 Display panel instructions

1.2 Icon instructions

1.2.1 “❄” : Defrosting icon: lighting off - none; flickering - advance refrigeration before defrosting; lighting on - is defrosting.

1.2.2 “✱” : Compressor icon: lighting off - the compress is not working, lighting on - the compressor is working.

1.2.3 “💡” : LED light indicator.

1.2.4 “🌀” : Fan motor working status indicator.

1.2.5 “☀” : Heating element working indicator (no such function).

1.2.6 “👤” : Flickering - cleaning function is working (no such function).

1.2.7 “🔋” : Energy saving status indicator (no such function).

1.2.8 “🔒” : Locking status indicator.

2. Operation instructions:

2.1 Power ON/OFF instructions

2.1.1 Power on the system: press “🔌” button and hold on, the system will be power on after 1s, showing current temperature; If the temperature is within compressor start working range, the compressor will set time to delay starting according to the setting value of internal parameter "E4".

2.1.2 Under power on condition: press “🔌” button and hold on, the system will be turned off after 1s; After that, “🔌” button and “🔒” button will flickering successively at an interval of 1s, it means buttons are valid.

2.1.3 When pressing button correctly, the buzzer will beep, and below is similar.

2.2 Temperature setting

2.2.1 Under power on condition, press “🔌” button and start to set temperature, “SET” icon and the data on display are flickering, press

“▲” or “▼” to increase or decrease the temperature at 0.5℃ each time.

2.2.2 If press “▲” or “▼” button and hold it on, after 1s, the temperature setting value will be added or reduced by 0.5℃ every 0.1s.

Temperature setting range: within the value range of internal parameter E1~E2.

Factory default value: sets according to device type.

2.2.3 If no press after 5s or press again “🔒” within 5s when setting, it will exit the temperature setting, and shows normal display, the set value will be stored in battery-free memory.

2.3 Lamp operation

2.3.1 Under power on condition, press “💡” button shortly, will turn ON/OFF the LED light, and the “💡” icon will lighting on/off accordingly.

2.3.2 LED light status will be stored in battery-free memory.

2.4 Locking/Unlocking operations

2.4.1 Under power on and unlocking status, press “🔒” button long, the “🔒” icon will lighting on after 5s, it means the system enters into locking status, in this case all other buttons are invalid except “💡” and “🔌” button.

2.4.2 Under locking status, press “🔒” button long, and it will unlock after 5s, the “🔒” icon will be lighting off.

2.4.3 Locking/Unlocking status, will be stored in battery-free memory.

2.5 Defrost manually operation

2.5.1 Under normal working status . press “❄” button and hold on for 5S, it enters into defrosting manually mode, the “❄” icon will be lighting on.

2.5.2 Under defrosting, press “❄” button long, it will exit the defrosting mode.

2.6 One-button reset operation

2.6.1 Under normal working status, press “▲” and “▼” button together, the buzzer will beep after 6s, indicating all parameters will return to factory default value, the display is flickering and indicate current temperature for 3s, then return to normal dis

Safety Warnings

When opening the door try to reduce the length of time that it is open for in order to keep the temperature inside cold.

Do not overload the unit with food as it will affect the cooling ability.

Always cool hot food down to room temperature before placing it in the fridge.

The unit should only be maintained by a professional engineer.

Never touch the compressor as it may be hot and burn you.

If the power cord is damaged it must be replaced by the manufacturer or a professional engineer.

Children should be supervised at all times to ensure they are not hurt by the unit.

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.