

VEVOR[®]

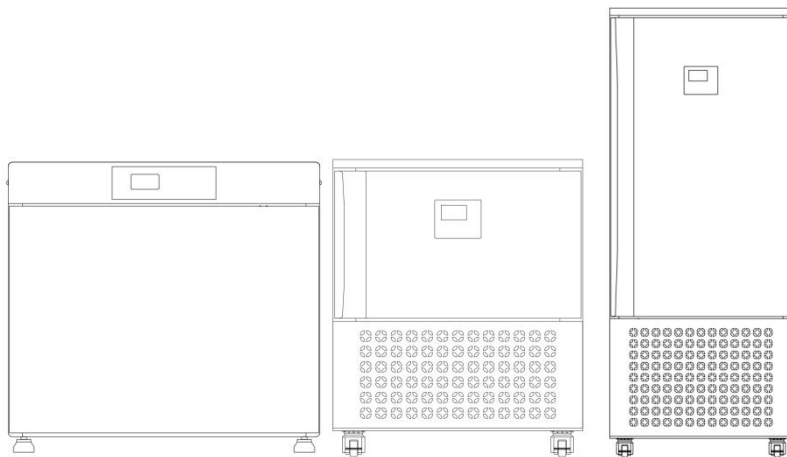
TOUGH TOOLS, HALF PRICE

Technical Support and E-Warranty Certificate www.vevor.com/support

BLAST CHILLER

MODEL:BL-ME32L BL-E3 BL-E5 BL-E15

We continue to be committed to provide you tools with competitive price. "Save Half", "Half Price" or any other similar expressions used by us only represents an estimate of savings you might benefit from buying certain tools with us compared to the major top brands and does not necessarily mean to cover all categories of tools offered by us. You are kindly reminded to verify carefully when you are placing an order with us if you are actually Saving Half in comparison with the top major brands.



<Picture Only For Reference >

NEED HELP? CONTACT US!

Have product questions? Need technical support? Please feel free to contact us:

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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.



Warning-To reduce the risk of injury, user must read instructions manual carefully.

CORRECT DISPOSAL



This product is subject to the provision of European Directive 2012/19/EC. The symbol showing a wheeie 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

IMPORTANT SAFETY INFORMATION

SAFETY PRECAUTIONS



- Read this Safety Note carefully before using it so that you can use it correctly.
- The precautions noted here are intended to enable you to safely use the freezer to prevent precautions that endanger the safety of you or others.
- According to the content safety precautions are divided into:WARNING, MATTERS
- Please comply with the safety content

WARNING

- Must use a separate three-hole socket and cooperate with the appropriate electrical degree meter and fuse(if it is 220V 60Hz to be equipped with independent air switch), do not share multiple sockets with other electrical appliances,to avoid danger.
- The grounding end of the socket should haveareliablegrounding wire,in addition to the grounding wire, should also be installed with leakage protector.
- Plug and plug correctly,inserted to inserttightly,make the plug and the plug contact is good,pull off should hold the plug. do not hand pullthe power

cord, to prevent the plug loose or disconnected.

- Do not damage the insulation layer of the power cord, do not pressure the wire, do not replace or lengthen the power cord at will. If the power cord is damaged or broken, so, to avoid danger must be replaced by full-time personnel.
- Do not use combustible spray near the freezer /freezer, otherwise it can cause a fire or explosion. When there is combustible gas around the frozen cabinet/freezer, such as leaking gas, liquefied gas, etc., first of all, to open the window to remove the combustible gas around, do not unplug or close the thermostat and other switches, so as not to produce electric spark caused by explosion.
- Please remove the power plug during maintenance to prevent electric shock. Do not use wet hands unplug or plug the power plug in case of electric shock.
- In case of abnormal operation, the power supply should be immediately cut off, and the operation should be stopped. Before the abnormality is not excluded, please do not turn on the power supply. The abnormal state operation is prone to danger.

MATTERS

- Do not touch the exposed, piping and wiring, which may cause scald or electric shock.
- Pull the plug off the plug from the power outlet when moving the freezer/freezer.
- Remove the freezer/freezer for a long use.
- Non-professional personnel shall not disassemble, repair or transform them.
- Whether moving or transporting, it should be avoided from collision or violent vibration, and the freezer/freezer tilt angle should not exceed 45 degrees to avoid damage to the refrigeration system.
- The quick-frozen cabinet/freezer should be placed in a dry place, such as being placed in a wet or water place for a long time, the box will rust and affect the electrical insulation strength. Do not use it outside or where you

get the rain.

- Do not put the freezer /freezer in direct sunlight or near the heat source, otherwise it will affect the insulation layer and sheet metal life of the freezer.
- In order to make the quick-frozen cabinet /freezer better ventilated and heat dissipation, the space displayed in the "machine installation mode" should be left around the quick-frozen cabinet to facilitate ventilation and heat dissipation and reduce energy consumption.
- The ground placed shall be flat and firm. And keep the level, so that the display cabinet is placed smoothly, for safety needs, and can enable the compressor to work smoothly, reduce vibration and noise.

FIRST USE

1. First, remove the packaging of the freezer /freezing cabinet/freezer, put the machine on the horizontal ground, the surrounding environment is dry and ventilated place, the distance from the wall and other obstacles is not less than 30cm.
2. Please conduct a thorough internal cleaning and disinfection.
3. After standing for 2 to 5 hours, plug the appropriate power supply with a secure cable. (Note: BL-E15, 220V 60Hz needs to be connected with the three-phase air switch)
4. Turn the machine control switch on, and the compressor has a delay protection for 3 minutes. When the compressor starts to start, the quick-freezing cabinet begins to enter the refrigeration state, and the refrigeration begins.
5. Turn on the power supply for trial run, because the freezing cabinet is hot, the first cooling will be slow. When the temperature in the cabinet drops to -30°C, the items can be placed, and the speed when placing the items should be as fast as possible to avoid the large loss of cold volume.
6. Each plate is recommended to place 2-4 kilograms of frozen products, because the heat release of frozen products is proportional to the refrigeration capacity, do not place too much frozen products, more haste is not up to; at the same time because of the different food, the release of

different heat, put more or less, packaging mode and many other factors. so the cooling time of the cabinet temperature will be quite different.

7. Keep the cold air circulation in the cabinet unblocked, and do not plug the air outlet.

8. When the product will automatically defrost once every 4 or 6 hours (set and modified), the compressor will be shutdown, and the temperature in the cabinet will rise, which is a normal phenomenon. After the defrosting ends, the refrigeration will start again.

9. Under the no-load premise, the cabinet temperature can reach -35°C or -40°C (about 40-60 minutes of different ring temperature and difference), put into the product, due to the different quick-frozen product, the weight of the frozen, the heat released by itself is different, so the frozen time will be different, please calculate the frozen time according to the actual production situation.

10. Because the quick-freezing cabinet belongs to the cryogenic freezer, the heat dissipation situation and the placement of the equipment will cause the quick-freezing effect of the equipment difference. The operator should read the operation manual in detail before starting to operate the equipment.

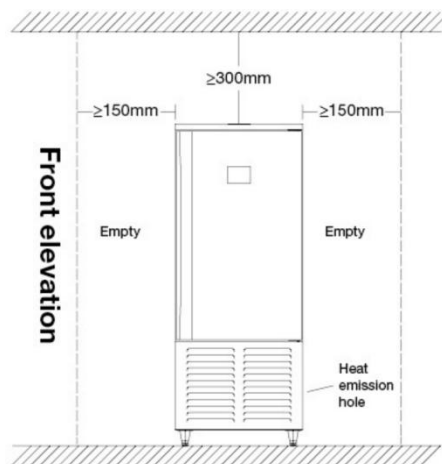
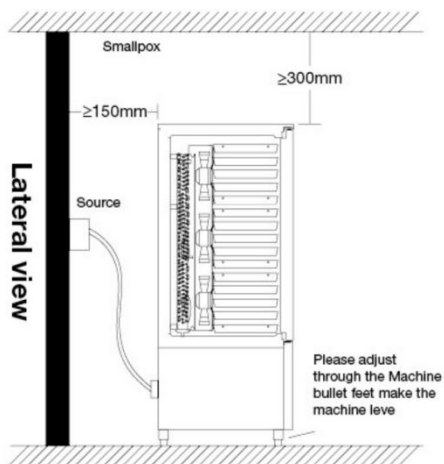
11. Because the quick-frozen food itself has calories, in the process of quick-frozen food is frozen, it should be analyzed according to different situations, not simply to determine whether the temperature in the cabinet reaches -35°C or -40°C . (Subject to the food probe)

12. Because the quick-frozen food is different, the quick-frozen methods are different. The company does not promise that a certain kind of food can be quickly-frozen within the specified time, nor does it bear any costs and losses caused by the quickly-frozen food, please adjust according to the actual production situation.

13. Because this product has a small capacity compared with cold storage, quick-frozen can not be compared with large capacity cold storage, please know.

MACHINE INSTALLATION MODE

IMPORTANT: The product must be connected with a reliable safety ground cable.



Installing the Supporting bar:

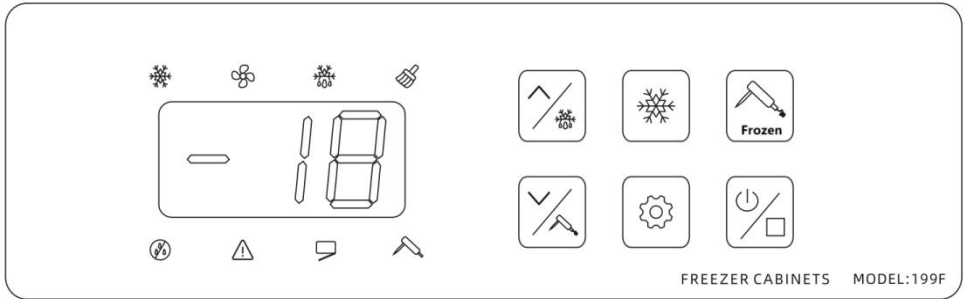


Insert the Supporting bar into the corresponding hole in the freezer as shown.

Operation Instructions

IMPORTANT: Temperature adjustment shall be adjusted according to the actual situation and the required temperature. After each adjustment, it shall be run for a period of time to stabilize.

PANEL OPERATION(BL-ME32L):



- | | | |
|-------------------|--------------------------|------------------------|
| Refrigeration LED | Defog LED | High voltage alarm LED |
| Fan LED | Condensation clean light | Probe indicator LED |
| Defrost LED | Door switch | |

1. Power on/off: Press for 3 seconds to turn off the refrigerator mode, turn off the temperature display, "---" display, and stop all control outputs.

Press again for 1 second, the measured temperature will be displayed, and the refrigerator mode will be activated after delay time.

2. Refrigeration probe hard and quick-freezing mode: Press the


button LED is on, and start the quick-freezing, press to quite the quick-freezing, it will automatically enter the storage mode after the quick-freezing is completed, the buzzer sounds for 5 seconds .


3. Refrigerator mode: press button to start refrigerating, and press button to stop refrigerating. Temperature setting range: -35~20°C (-31~68°F).

4. Manually enter/stop defrosting: Press for 6 seconds to enter the defrosting state or stop defrosting.

5. Defrost temperature display: Press the defrost temperature will be

displayed flashing, and the display will be exited without pressing any key for 6 seconds.





6. Condenser temperature display: Press  the condenser temperature will be displayed flashing, and the display will be exited without pressing any button for 6 seconds.

7. Probe temperature display: In refrigeration and probe quick-freezing mode, press  the probe temperature will flash and display, and the display will exit without pressing any button for 6 seconds. (*Factory setting is -18°C/00°F)

8. Refrigeration LED: During the refrigerating the refrigeration LED is on; in the constant temperature state, the refrigeration LED off; during the delay process, the refrigeration LED flashes.


9. Defrost: During the defrosting, the LED is on; when the defrosting stops, the LED is off. during the dropping process, the refrigeration LED flashes.




10. Fan: When the fan is running, the fan LED is on; when the fan is stopped, the fan LED is off.

11. Current mode controls temperature adjustment: Press  once to enter the quick setting temperature 1P, then press  button to select 4P, press  to increase, press  to decrease, and return to normal operation mode if no key is pressed within 6 seconds.


1P	Refrigeration set temperature	E1~E2	-35°C (-31°F)
4P	Refrigeration probe hard and quick-freezing set temperature	-45~50°C (-49~122°F)	-18°C (00°F)

12. Temperature Unit Setting:


- Press  button and hold for 6 seconds to enter parameter setup mode while E1 flashes.


- Press  again button to select sequentially from E2 E3……, Until the screen shows CF, then press  and  button select Celsius or Fahrenheit.

8. Alarm control

- When the condenser sensor temperature is higher than value C6 and duration more than 10 minutes, the alarm is started. It'll display FC and the  LED is flash display, to remind the condenser heat dissipation bad, need to clean the condenser. When the condenser sensor temperature is lower than the value C1, the alarm will be cancelled.

During the alarm process, the buzzer sound, press random button to cancel the sound. When the sound is cancelled for 30 minutes and alarm still not clear, will restart the buzzer to alarm.

- When the pressure is too high, the pressure switch is turned off, the alarm is activated, the symbol light  flashes, the cabinet temperature and "HP" are alternately displayed, the compressor is disconnected, and the evaporator fan is stopped after a delay of 30 minutes; when the pressure is reduced, the pressure switch is turned on, the alarm is released, and the system returns to normal. display, the compressor resumes normal operation.

During the alarm process, the buzzer sounds. Press random button to silence it and return to normal display, with the symbol light  continuing to flash.

- During the alarm process, the buzzer sound, press random button to cancel the sound. When the sound is cancelled for 30 minutes and alarm still not clear, will restart the buzzer to alarm.

- Fault code:

Alarm code	Meaning
HI	High temperature alarm
LO	Low-temperature warning
HP	High pressure alarm
1L	Cabinet temperature lower than -45°C (49°F) or open circuit
1H	Cabinet temperature higher than 99°C (210°F) or short circuit
2L	Probe temperature below -45°C (-49°F) or open circuit
2H	Probe temperature above 99°C (210°F) or short circuit
3L	Frosting temperature below -45°C (49°F) or open circuit
3H	Frosting probe above 99°C (210°F) or short circuit
4L	Condenser temperature below -45°C (-49°F) or open circuit
4H	Condenser temperature above 99°C (210°F) or short circuit
FS	Condenser fan stop alarm
D0	Door open or open door time-out alarm

PANEL OPERATION (DF-E3B/E5B/E15B):

Mode indication display:



Sensor cooling hard
blast freezing mode

(+3°C or 37°F)



Sensor soft blast
freezing mode

(+3~-18°C or +37~0°F)



Sensor frozen hard
blast freezing mode

(-18°C or 0°F)












Normal refrigeration mode


(-40~+20°C or -40~68°F)

Refrigeration Setup UP/Defrost Down


Cooling blast Soft blast Frozen blast


BLAST CHILLER & FREEZER CABINETS Model:168F

- **Power on/off:** long press  for 3 seconds, stop refrigerating operation mode, stop temperature display, --- is displayed, all the control outputs stopped. Press  again for once to turn on, the measured temperature is displayed, will start refrigerating operation mode after the delay.
- **Sensor refrigeration hard blast freezing:** press  button for once, the button LED will be on, the blast freezing will start, and after the blast freezing is completed, it will automatically enter the storage mode, and the buzzer will sound for 5 seconds to display "End". Press  button to exit the current blast freezing mode. (*Factory setting is 3°C/37°F)
- **Sensor frozen hard blast freezing:** press  button for once, the button LED will be on, the blast freezing will start, and after the blast freezing is completed, it will automatically enter the storage mode, and the buzzer will sound for 5 seconds to display "End". Press  button to exit the current blast freezing mode. (*Factory setting is -18°C/00°F)
- **Sensor soft blast freezing:** press  button for once, the button LED will be on, the blast freezing will start, and after the blast freezing is completed, it will automatically enter the storage mode, and the buzzer will sound for 5 seconds to display "End". Press  button to exit the current blast freezing mode. During blast freezing, "1" will flash when the sensor temperature is more than 3°C/37°F, and "2" will flash when the sensor temperature is less than 3°C/37°F. Temperature setting range:-18~3°C(00~37°F).
- **Refrigeration control:** Press  button to enter the refrigeration control

temperature mode, and press  button to exit the current refrigeration mode. Temperature setting range: -40~20°C (-40~68°F).

- **Manual start/stop defrost:** Press  button and hold for 6 seconds to defrost or stop defrost.

- **Display the evap. Sensor temperature:** Press  for once to flash display the evap. Sensor temperature. If no more button is pressed within 6 seconds, it will exit the display.


- **Display the condenser sensor temperature:** Press  for once to flash display the condenser sensor temperature. If no more button is pressed within 6 seconds, it will exit the display.




- **Refrigerating LED:** During refrigeration, the LED is on; When the cold room temp. is constant, the LED is off; During the delay process, the LED flashes.



- **Defrost LED:** During defrosting, the LED is on; When defrost stops, the LED is off. During the dripping time, the LED flashes.

- **Fan LED:** When the fan operates, the LED is on; When the fan stops, the LED is off.

- **Temperature Unit Setting:**


- 1) Press  button and hold for 6 seconds to enter parameter setup mode while E1 flashes.

- 2) Press  again button to select sequentially from E2 E3……, Until the screen shows CF, then press  and  button select Celsius or Fahrenheit.

- **The factory default resumption:** press  button and  button simultaneously for 6 seconds, "888 " is displayed and flashes, at this time


all the parameters will resume to factory defaults.


● **Parameters locking:**


1) Press  button and hold for 6 seconds to lock the parameters if "OFF" is displayed or to unlock if "On" is displayed.

2) Parameters can be displayed only and can not be modified if locked, but the adjustment of the set temp. is still active (Factory default is "On")

● **Parameter adjustment in the current selection mode:** press  button

for once to enter the quick setting temperature, then press  button to

select the parameter, press  button to increase the parameter,

press  button to decrease the parameter, and if no more button is

pressed within 6 seconds, will return to the normal operation mode .

1P	Cold storage probe was hard and flash-frozen controlled temperature	-45~50°C (-49~122°F)	+3°C(37°F)
2P	Croprobes were hard flash frozen controlled temperature	-45~50°C (-49~122°F)	-18°C(00°F)
3P	The Probe was soft and flash-frozen controlled temperature	-20~30°C (-04~86°F)	-18°C(00°F)
4P	Refrigeration control temperature	E1~E2	-40°C(-40°F)

● Display "dEF" when the machine is frosting or normal within 20 minutes of completion.

● Fault code prompt

Alarm code	Meaning
HI	High temperature alarm
L0	Low-temperature warning
HP	High pressure alarm
1L	Cabinet temperature lower than -45°C (49°F) or open circuit
1H	Cabinet temperature higher than 99°C (210°F) or short circuit
2L	Probe temperature below -45°C (-49°F) or open circuit
2H	Probe temperature above 99°C (210°F) or short circuit
3L	Frosting temperature below -45°C (49°F) or open circuit
3H	Frosting probe above 99°C (210°F) or short circuit
4L	Condenser temperature below -45°C (-49°F) or open circuit
4H	Condenser temperature above 99°C (210°F) or short circuit
FS	Condenser fan stop alarm
D0	Door open or open door time-out alarm

Maintenance and advice

1. The equipment belongs to the low-temperature freezer, which is usually used as a single food cooling event, and can not be used as a storage cabinet. If used 24 hours a day, appear if the temperature does not drop, the evaporator frost is too thick, please stop for 10~12 hours, or manually defrosting. Do not run continuously for 7 days to strain the refrigeration system.
2. Devices on the equipment are vulnerable parts, should avoid collision, scrub should be carefully wiped, to avoid damage.
3. Drainage pans at the lower left of the equipment (if applicable), shall be regularly drained or connected to the drain.
4. It is recommended that users shutdown when not frozen food and consume less energy.
5. The equipment shall be cleaned from the condenser dust once for 2 months, the wires shall be cut off the rear ventilation board removed, clean the dust on the condenser with a soft brush, installed back to the ventilation board, do not use tap water washing or use sharp tools to clean, so as to avoid leakage or leakage of refrigerant.
6. Please conduct the following checks to ensure the safety after the maintenance.
7. Is the power cord plug fully plugged into the power socket.
8. Whether the power plug has abnormal heating phenomenon.
9. Whether the power cord has cracks or scratches.

Trouble Shooting

Trouble	Cause and Remedy
No power supply	<ol style="list-style-type: none"> 1. Check whether the power supply is electric; 2. Whether the power cord is inserted; 3. Whether the operation switch is closed; 4. Whether the power cord is damaged.
No refrigeration at all	<ol style="list-style-type: none"> 1. Check whether the power failure, and whether the power plug is not plugged in on the power socket; 2. Check whether the fuse is disconnected and the leakage protector is working. (Where a leakage protector is installed)
Poor cooling effect	<ol style="list-style-type: none"> 1. Check whether the condenser is dirty and ventilated is good, otherwise clean the condenser to improve ventilation; 2. Check whether the evaporator is too frosting, excessive manual defrosting or stop defrosting; 3. Check whether the temperature controller parameters are appropriate; 4. Whether the frozen cabinet/freezer is in direct sunlight or too close to the heat source.
No downtime	<ol style="list-style-type: none"> 1. Whether the ambient temperature is too high; 2. Check whether the thermostat parameter setting is appropriate.

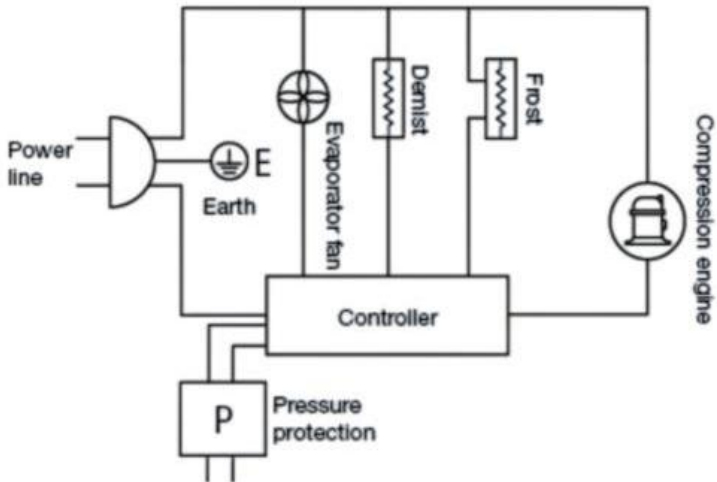
Noise	<ol style="list-style-type: none"> 1. Check whether the ground is flat and solid; 2. Check whether the freezer /freezer is stable.
Use the probes correctly	<ol style="list-style-type: none"> 1. Is the food probe properly inserted into the food center position.

The following phenomena are not troubles

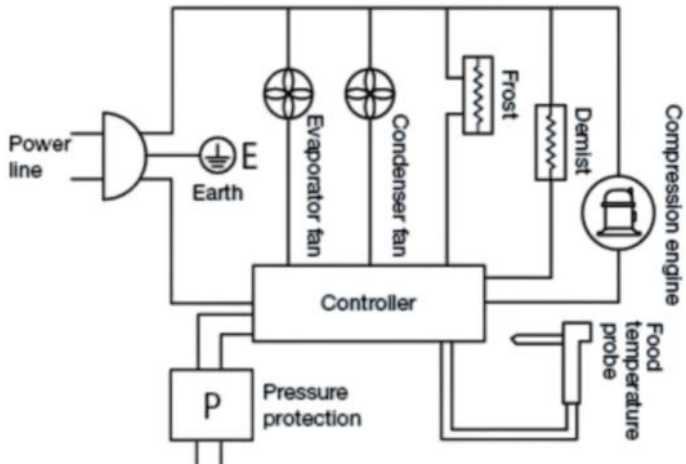
1. When the ambient humidity is too high, sometimes there will be condensation on the shell of the freezer, and dry with a cloth.
2. Frozen cabinet /freezer sometimes has a slight running water sound, which is the sound of refrigerant flow in the pipeline, which is a normal phenomenon.
3. Frozen freezer work, the compressor, condenser will heat, the seare normal phenomena.
4. When more high temperature items are stored at a time, it is normal for the freezing cabinet /freezer to cool down for a long time.
5. In summer, the ambient temperature is high, and the quick-freezing cabinet/freezer needs to work for a long time to fall to the rapid freezing temperature of the required food, which is a normal phenomenon.
6. Every 4 or 6 hours of running will automatically enter the defrosting state, at this time the temperature will increase slightly, with a small amount of fog in the tuyere, which is a normal phenomenon.

DIAGRAM

1.BL-ME32L



2.BL-E3/E5/E15



Packing List

No.	Item	Qty	Remark
1	Display Refrigerator	1 set	
2	Manual	1 pcs	
3	Shelf	1 pcs	Only for BL-ME32L

4	Tray	4 pcs	Only for BL-ME32L
4	Tray	3 pcs	Only for BL-E3
4	Tray	5 pcs	Only for BL-E5
4	Tray	15 pcs	Only for BL-E15
5	Supporting bar	6 pcs	Only for BL-E3
5	Supporting bar	10 pcs	Only for BL-E5
5	Supporting bar	30 pcs	Only for BL-E15



During using, service and disposal the appliance, please pay attention to symbol similar as left side, which is located on rear of appliance (rear panel or compressor) and with yellow or orange color.

It's risk of fire warning symbol. There are flammable materials in refrigerant pipes and compressor.

Please be far away fire source during using, service and disposal.

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