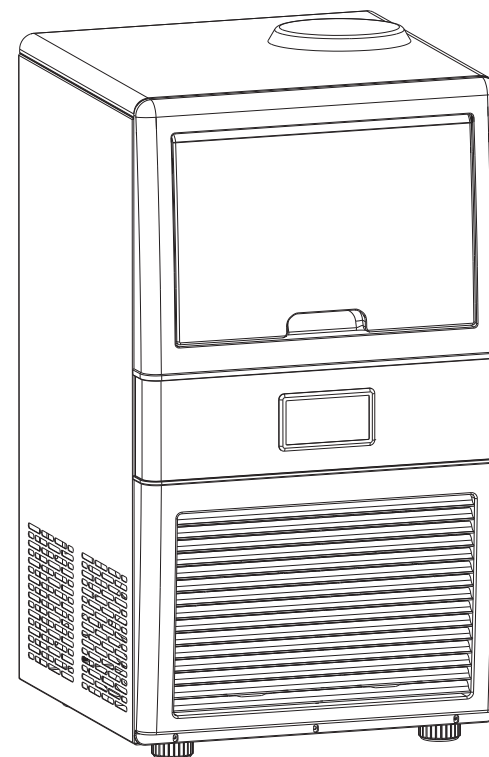


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E-mail: [service@lifepluspro.com](mailto:service@lifepluspro.com)



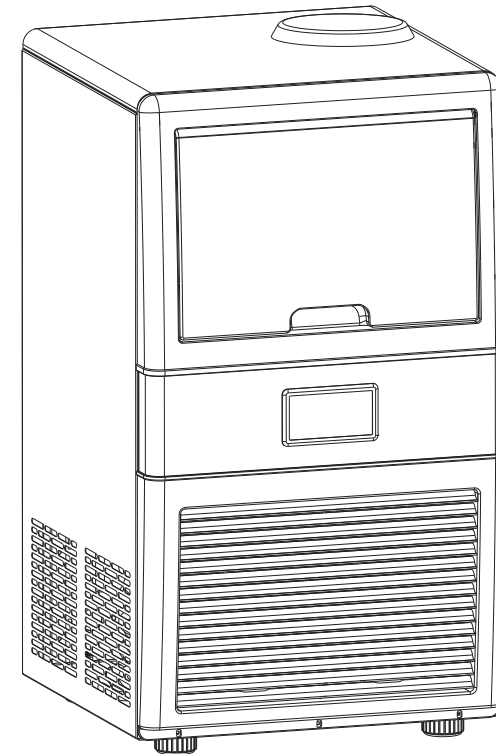
# ICE MAKER

DBJ-32A

## PRODUCT USE GUIDE

# COMMERCIAL ICE MAKER USER'S MANUAL

DBJ-32A



Thank you for choosing our ice maker. This user manual will provide you with valuable information necessary for the proper care and maintenance of your new product.

Please take a few moments to thoroughly read the instructions and familiarize yourself with all the operational aspects of your new product.

## INTRODUCTION

Please take a few minutes to read  
this manual carefully.

Proper maintenance and operation of this  
machine can provide better service.

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## GENERAL INFORMATION

1. The production of this appliance uses advanced production technology and skilled processes, as well as the strict quality inspection, guarantees the excellent performance of the appliance.
2. The core component of the ice maker "compressor" we use well-known brand product, coupled with a reasonable configured refrigeration system, it makes refrigerant cooling more reliable and lower energy consumption.
3. The metal spray shell is beautiful, corrosion-resistant and easy to clean.
4. The automatic microcomputer control system can make the ice making and harvest process automatically. It has fault detection function, which makes it more convenient to use and maintain.

## RECEIVING AND INSPECTION

Thank you for choosing our automatic ice maker, to protect your legitimate rights, please note the following when sign for the receiving:

1. Whether the body of the appliance is in good condition;
2. Whether the accessories are complete.

During the transportation of the appliance, the refrigerant inside the compressor is possible not injected into the refrigeration pipe due to the dumps and handling. Once the power resource is connected, the compressor may be damaged in a short time. Therefore, after its receiving, it is strongly suggested the customers to allow the appliance correctly located and "stay for 24 hours", to allow the refrigerant return to the compressor, and then to install and use it.

## WARNING DIAGRAMS AND OPERATING SAFETY INSTRUCTIONS



## PRECAUTIONS FOR SAFE OPERATION

**⚠ AFTER RECEIVING THE PRODUCT, PLEASE BE SURE TO USE IT AFTER 24 HOURS, OTHERWISE IT WILL DAMAGE THE COMPRESSOR.**

- ⊘ Do not use the ice maker outdoor. It may cause leakage or electric shock after the ice maker is wet by rain.
- ⊘ Do not disassemble, repair or modify the ice maker without permission. Fire hazard or personal injury may be caused by work errors without professors or professional guidance.
- ⊘ Do not directly spray water on the ice maker, it may cause electric shock or short circuit.
- ⊘ Do not locate the ice maker in a humid place or a place prone to splashing water, to avoid the damage to the insulating material, so to prevent leakage or electric shock.
- ⊘ Do not earth the ice maker through a gas pipe, a water main, a telephone line, or a lightning rod.
- ⊘ Do not insert metallic materials such as wires into the air vents, passage or exhaust vents of the ice maker, to avoid electric shock or personal injury due to accidental movement of active parts.
- ⊘ Do not put volatile or flammable substances into the ice maker. Storage of such substances may cause explosion or fire hazard.

⚠ The ice maker should be repaired or installed by professional technicians or under their guidance.

⚠ Please locate the ice maker on a solid ground. To avoid a hazard due to tilting of the appliance.

⚠ Please use a power supply that is specified on the ice maker's nameplate.

⚠ Disconnect the main plug from the supply socket when the ice maker gets failures.

Continued abnormal operation may cause electric shock or fire hazard.

⚠ Please remove the dust from the supply socket before plugging the power plug into it, to avoid fire hazard.

⚠ Keep the ice maker free of obstructions and keep the ventilation open.

⚠ Do not store combustion sprays, volatile or flammable substances in the ice maker. Storage of such substances may cause an explosion or fire hazard.

⚠ Do not use the ice maker when handling toxic or hazardous materials or radioactive materials, as it may harm health and damage the environment.

⚠ Disconnect from the main socket before cleaning, maintaining or servicing the appliance. To prevent electric shock or personal injury.

⚠ Do not use other electrical appliances in the ice machine. This appliance contains flammable materials, and must be handled and recycled by qualified personnel and institutions when discarded.

⚠ Do not damage the refrigeration circuit.

⚠ Use a grounded outlet to prevent electric shock. If there is no, the grounded socket device must be assembled by a professional technician. The unit must be positioned so that the plug is accessible.

⚠ Some models use flammable refrigerants and flammable foaming agents, so beware of fire (The product is marked ⚠ "Warning fire"). When the appliance is abnormal, it must be repaired by professional personnel and institutions.

## TECHNICAL PARAMETERS

Specification	DBJ-32A
Rated power / frequency	120V/60Hz
Ice making current	1.9A
Ice harvest current	2.7A
Ice trays number	32 trays
Protection against electric shock	I Level
Water inlet mode	Drinking water / bucket water
Tap water inlet pressure	100-800KPa
Refrigerant / Weight	R134a / 0.24lb
Insulation materials	Cyclopentane (C5H10)
Applicable environmental level	SN / N
Gross / net weight	46.2 / 42.9 LBS
Product size	13.78*14.09*24.8 INCH

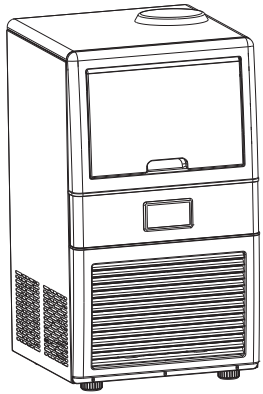
## SAFETY PRECAUTIONS

1. The voltage of this appliance is: 120V~ / 60Hz. If the voltage is unstable or with large fluctuation, please install a voltage regulator.
2. Make sure the appliance is earthed, and ensure effective earthing, as well as the earth wire must not be connected to the water pipe or gas pipe.
3. In order to protect the compressor, do not start the appliance again within 5 minutes after power off.
4. Do not connect other appliances to the same socket.
5. If the power cord is damaged, in order to avoid danger, it must be repaired or replaced by professionals.
6. The electrical control system has a voltage of more than 36V. If maintenance is required during using, please have it handled by a professional technician.

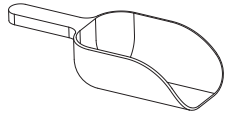
### WARNING:

Do not operate the ice maker when there is a gas leak in its environment. Fire hazard may occur due to sparks caused by unplugging or plugging or the start-stop controlled by the temperature controller, the air source should be cut off first, and allow air to circulate.

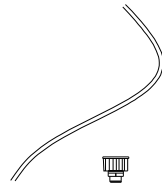
## PARTS & ACCESSORIES



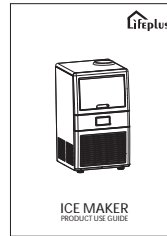
Commercial Ice Maker



Ice Spoon

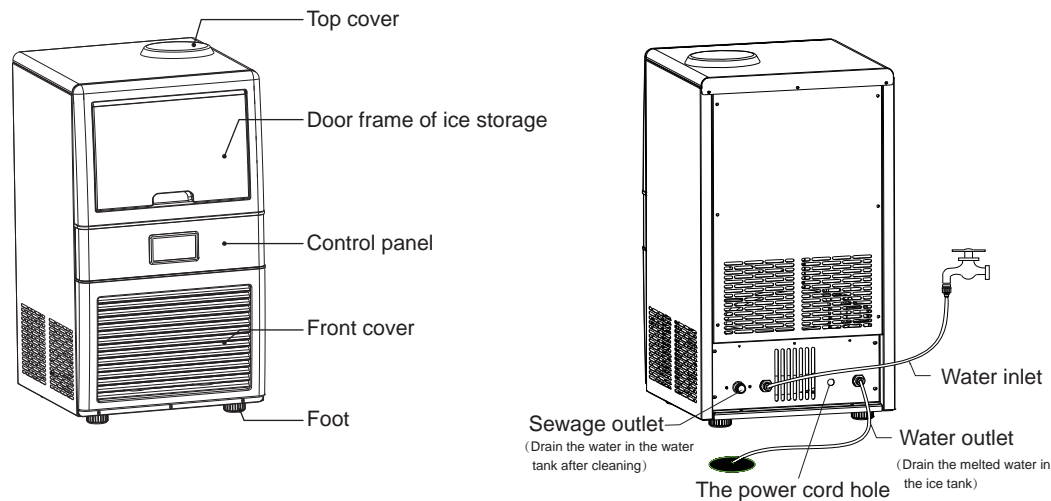


Tube

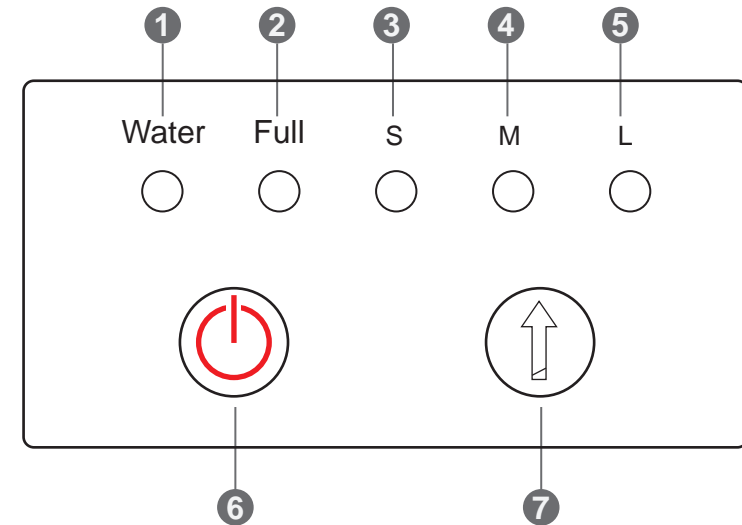


Instruction

## PRODUCT DIAGRAM



## CONTROL PANEL



1. The water shortage indicator (red) lights red when the water shortage alarm occurs.
2. Ice full display light (red) When the ice full alarm is on, it always lights red.
3. After the thin ice indicator (green) is selected, the standby state flashes, and it always lights green when it is turned on.
4. After the ice indicator light (green) is selected, the standby state flashes, and it always lights green when it is turned on.
5. After the thick ice indicator (green) is selected, the standby state flashes, and it always lights green when it is turned on.
6. For turning On or turning Off the appliance.
7. For choosing the size of ice.

## PRECAUTIONS BEFORE INSTALLATION

### CORRECT OPERATION

**When using the appliance for the first time or using it continuously, please follow below rules!**

- Use an independent water source for the ice maker, and check regularly to prevent low water, fluctuations, or blocked filters.
- Do not store anything in the refrigerator, and even worse to freeze or freeze any food in the refrigerator, to keep the ice shovel clean.
- When closing the plastic door of the refrigerator, open or close it gently, and do not hit the door, and please also close the sliding door after taking the ice out.
- The ice maker should be kept away from heat sources, strictly forbidden to use it in high or low temperature environment. Away from direct sunlight to avoid affecting the heat dissipation of the appliance.
- Do not wash the ice maker surfaces with water directly, which may cause short circuit and leakage.
- If the ice maker is suspended for a long time after using it for a period of time, it should be powered on for 4-6 hours every two months.



Avoid sun and rain



Good ventilation



Placement should be stable

## ENVIRONMENT

**This unit is designed according to the following conditions:**

1. Household Use.
2. No more than 2000 meters above sea level.
3. Temperature is not higher than 89.6°F, the maximum relative humidity is 80%, and the maximum relative temperature decreases linearly with the increase of temperature.
4. The main transformer power supply voltage fluctuation does not exceed 10% of the rated voltage.
5. Meet the equipment installation level (over voltage level) transient over voltage.
6. Accordance with ICE664 standard.

This appliance is used for similar purposes, such as:

- Staff kitchen areas in shops, offices and other working environments.
- Farm houses and by clients in hotels, motels and other residential type environment.
- Family hotel environment.
- Catering and similar non-retail applications.

## INSTALLATION LOCATION

**Transporting and moving conditions:**

When transporting, keep the tank as upright as possible, and the inclination does not exceed 45 °maximum. Do not locate it upside down or horizontally. To operate the ice maker properly and get the best performance, please locate the ice maker as the following conditions.



1. Level & flat floor: Put the ice maker on a level & flat floor, to avoid excessive vibration and noise.
2. Keep away from heat resource: Avoid locating the ice maker near hot equipment, such as gas stoves or stoves. The ice making performance will decrease when the ice maker is heated.
3. Avoid direct sunlight: If the ice maker is located in direct sunlight, it may cause abnormal performance and may shorten its working life.
4. Dry area: Avoid locating the ice maker in a wet area, such as near a faucet or a sink.

### WARNING :

⚠ Make sure to use a plug with a grounding structure and ground the ice maker, to prevent electric shock in the event of a leakage.

⊘ Replacing the ground terminal with a water pipe will not provide effective ground protection in many situations, because plastic pipes are often used as water pipes.

⊘ Do not ground the ice machine through a gas pipe, very dangerous.

⊘ Do not ground the ice machine through a telephone line or lightning protection, because lightning strike will create generate large currents, very dangerous.

⚠ Install a disconnect switch: If locate the ice maker in a wet area, a disconnect switch must be installed and the ice maker must be earthed. Install the disconnect switch in the power circuit. For further information, please consult the ice maker retailer or electrical technician.

## PRE-OPERATING INSTRUCTIONS

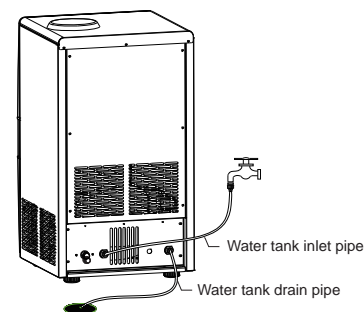
### BASE INSTALLATION:

1. Place the ice machine in a firm and level position.
2. Adjust the height of the feet to make the ice maker level.
3. The ice maker is not suitable for outdoor use. The normal use environment temperature is 50°F- 89.6°F, and the water temperature is 41°F- 86°F. High temperature will seriously decrease the ice making performance.
4. The ice maker should not be installed in an environment where there is no sewer and water is not allowed, and it should be away from high temperature equipment (such as refrigerators or ovens).
5. Air-cooled ice makers rely on air circulation to dissipate heat. Therefore, it need at least 15cm of space between the front, back, left, and right of your ice maker and wall, good for heat dissipation.





### WATER CONNECTION :

1. The ice maker must use room temperature filtered drinking water.
2. The water pressure of the water supply must be controlled between 100kpa and 800kpa. A pressure relief valve is required for over pressure. Do not squeeze the water inlet hose.
3. At the same time of feeding the tap water, the bucket water inlet valve must be closed.
4. When using bucket water, please plug the inlet valve with a plug to prevent water leakage.
5. Please note the "Water inlet port" and "Water draining port" signs at the interface.
6. The ice maker's drainage depends on gravity, so the drainage pipe must have sufficient slope and drop.

### WARNING: PLEASE ONLY USE DRINKING WATER.





The pipe connections on the unit are marked. In case of conflict, the identification on the unit shall prevail.

Water Inlet Supply	Bucket Water Supply	Tap Water Supply
Valve		
Water Hose		

## OPERATING INSTRUCTIONS

### ICE-MAKING:

1. After all the water pipes are connected, plug on the main power supply plug.
2. Press On/off button  to start the fan motor, then press button  to choose the size of ice, and ice maker will determine the ice making time according to the ambient temperature. Then compressor will start to run about 3 minutes to pre-cooling.
3. After 3 minutes, the circulating water pump start to work, ice making begins. During the ice making process, the water pump will last running, and the water will flow down from the top of the ice tray into the water tank, then the water will slowly cool until it freezes.
4. When the ice cube reaches the reservation time position, the program will switch to the ice-harvest process.

### ICE-HARVEST:


During the ice-harvest process, the reversing valve is opened, the ice tray will be heated, and the connection between the ice cube and the ice tray will be melted. When the ice cube cannot be attached to the ice tray due to its own weight, it will fall down and one ice-harvest is finished.

When the ice falls, the flap is flipped, and then the flap is reset due to its own weight, then the machine starts to make the next ice. However, due to too many ice cubes are in the refrigerator, and they press against the flaps to make the flaps cannot be reset, the control chip will judge that the ice is full and temporarily stop and will restart until the flaps are reset.

### FORCED ICE-HARVEST:

During the ice making process, press the on/off power button for three seconds, the unit will enter the ice-harvest program in advance, and will continue to run the next ice-making cycle after the ice-harvest is finished.

### AUTO CLEANING FUNCTION:

After plug-in, connect the water resource, press the on/off button , the unit will enter the automatic cleaning program, and it will automatically stop after 10 minutes. After the cleaning program is finished, please remove the drain plug and drain the sewage.

### NOTE:

In summer and hot environment, it is recommended to adjust the ice thickness range: 15 to 29 min.

In winter and cold environment, it is recommended to adjust the ice thickness range: 10 to 18 min.

## TROUBLESHOOTING

### DIGITAL WINDOW FAULT CODE

Fault indication: ice full light flashes quickly: ambient temperature (sensor) fault, shutdown.

The ice full indicator and the water shortage indicator flash alternately: the open and closed signals of the ice full switch cannot be detected for 3 consecutive times, the machine stops working and reports a mechanical failure.

### FAULT SELF-DIAGNOSIS

1. Water pump-You can directly observe whether water flows down from the ice tray. If not, the water pump may malfunction.
2. Ice making—After the ice-making last running for 10 minutes, the water in the water tank will become noticeably cold. You can directly touch the ice tray or running water to feel the water temperature.
3. Water inlet-During the automatic cleaning process, it can be observed that water continuously flows into the ice storage bucket from the overflow pipe of the water tank. During the ice making process, you can reach into the water tank with your hand to feel the amount of water, which normally accounts for more than half of the water tank.

## TROUBLESHOOTING

Problem	Possible cause	Solution
Ice maker does not start	Bad socket contact	Change socket
	The refrigerator is full of ice cubes	Remove the ice cubes and start it manually
	The flap is not reset	Adjust the flap to enable free reset
Ice maker stops after running	Water source is not turned on or connected not strong	Recheck water resource
	Ice maker is not located horizontally	Adjust the feet and locate them horizontally
	Over temperature shutdown protection	Remove the front panel and clean the condenser
Significant reduction in ice cubes production	Not cleaned up for more than two months	Remove the front panel and clean the condenser
	High water temperature (Possible in summer)	
	Ambient temperature is too high	Clean up the surrounding
	Small or closed environmental spaces	Clean surrounding and allow air to circulate
	Sink overflow	Check the water inlet valve or mechanical float

The transparency of the ice cube is not very good or ice cube shape is irregular	Improper adjustment of ice thickness	Reset ice thickness
	Water quality is bad	Install filter and replace filter element
	Ice maker water tank or the ice tray is very dirty	Clean the ice maker and replace the filter
	Uneven water flow above the ice tray	The shunt tube needs to be cleaned or the unit is not level.
	Too much water above the ice tray	Tie the water pump silicone tube
Can't take off ice	Ice cube is too thin or too thick	Adjust ice thickness
Excessive noise	The ice maker is not stable and the soles of the feet are floating	Locate the ice maker on a stable surface
	The ice maker touches other objects	Avoid touching other objects
Condensation on the case	The refrigerator door is not completely closed	Close the refrigerator door completely
	Working in high temperature and high humidity environment	Normal

## IF HAVE STRANGE SMELL

If the ice has a strange taste.If the ice has a disgusting or mildewy odor in the machine, use the above steps to clean the inside of the machine.

## SOUND DURING MACHINE OPERATION

The new ice maker may make unfamiliar sounds. Most sounds are normal.

For example:

- \* Efficient compressors emit beating or sharp sounds.
- \* Water splashes from the evaporator to the tank.
- \* At the end of each cycle, you can hear the gurgling of refrigerant flow.
- \* The sound of air compressed by the condenser fan over the condenser.
- \* In the final deicing cycle, you may hear ice falling into the box.

## CLEANING AND MAINTENANCE

### MAINTENANCE

Please follow this manual to maintain the ice maker, in order to improve its reliability and service life. And while maintaining hygiene, avoid the increase of energy consumption coefficient for the ice production.

1. Always clean the surroundings of the appliance to keep it clean. Do not block the shutters of it.
2. The exterior can be cleaned with a neutral detergent solution, and then wiped clean with a soft cloth. If necessary, commercial stainless steel cleaners and polishing agents can be used.
3. The filter element should be checked regularly. Most common filter elements are replaced half a year, and advanced filter elements should be replaced on time in accordance with the instructions.
4. It can use a water pipe to flush directly, when cleaning the inside of the ice maker's water tank and refrigerator. Never over pressure, and never flush the pump and above the ice tray directly, to prevent the circuit parts from being immersed.
5. Maintenance of condenser for air-cooled ice maker: Clean the air-cooled condenser every three months. Use a soft brush or a vacuum cleaner with a brush to scrub the condenser fins up and down in the direction of the fins to avoid damaging the fins and affecting the cooling performance.

Overwintering maintenance: In addition to turning off the power resource, drain the residual water in the ice maker's water tank, inlet pipe and drain pipe.

### ATTENTION :

1. Cleaning and maintenance of the ice maker is not included in the free service. Please replace the filter regularly.
2. Before cleaning and maintenance, please make sure to turn off the water and power and unplug.
3. Check the water source, please turn off the water resource before unplugging the water inlet port of the ice maker, to prevent high-pressure water jets.
4. On-site service charges will be charged when there is a failure due to user errors (such as no water, no electricity, environmental factors, etc.).
5. If severe scale is inside the ice maker, or the waterway is blocked, which causes the abnormal performance, please clean it in time.
6. The edges of the air-cooled condenser fins are sharp, so please be careful when cleaning.
7. Machine consumables are not covered by the warranty.
8. Please use genuine consumables, such as filters, filter elements, ice shovels, water pipes, etc.

# HOW TO STORAGE


If the ice maker is not used for a long time, cut off the power supply and remove the remaining water from the drainage outlet. Dry the interior with a clean soft cloth (refer to maintenance and cleaning)

Warning:

Don't touch the power supply with wet hands !

Don't pull out the machine by pulling the power cord !



This sign “” on the product or packaging indicates that the product cannot be treated as household waste. Should be delivered specific recycling points for electronic and electrical products. Proper handling of this product can help prevent environmental problems caused by improper handling of this product and harm to human health. If you need more details about recycling, please contact the office responsible for household waste disposal services or the manufacturer or purchase point that purchases our products.