

VEVOR

Upgrade · The Home Creator Way

COMMERCIAL ICE MACHINE

MODEL: LB70TA LB70TB LB70TR LB70TU

LB70TA-D LB70TB-D LB70TR-D LB70TU-D

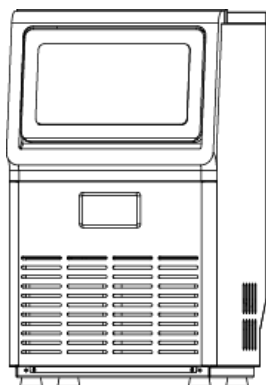
LB150TA LB200TA LB300TA LB360CT

VEVOR Support Center

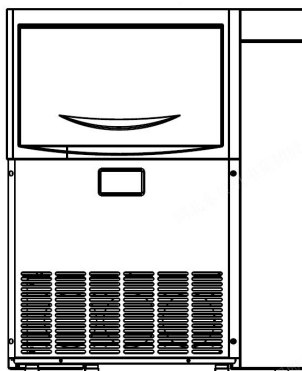
1	LB70TA		7	LB70TR-D	
2	LB70TB		8	LB70TU-D	
3	LB70TR		9	LB200TA	
4	LB70TU		10	LB300TA	
5	LB70TA-D		11	LB360CT	

6	LB70TB-D		12	LB150TA	
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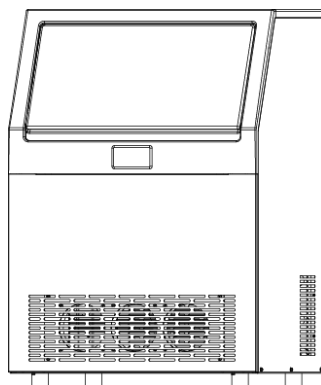
**MODEL: LB70TA LB70TB LB70TR LB70TU LB70TA-D
LB70TB-D LB70TR-D LB70TU-D LB150TA LB200TA LB300TA
LB360CT**



**LB70TA LB70TB
LB70TR LB70TU
LB70TA-D LB70TB-D
LB70TR-D LB70TU-D**



LB150TA



**LB200TA LB300TA
LB360CT**

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.

SAFETY PRECAUTION



Before the appliance is used, please read the manual carefully.

To reduce the risk of fire, electrical shock or injury when using the appliance, follow basic precaution, including the following:



DANGER:

- ◆ Read all instructions before using the ice-making machine.
- ◆ Plug into a grounded 3-prong outlet, do not remove grounding prong, do not use an adapter, and do not use an extension cord.
- ◆ It is recommended that a separate circuit, serving only your appliance be provided. Use an outlet that cannot be turned off by a switch.
- ◆ Never clean appliance parts with flammable fluids. These fumes can create a fire hazard or explosion. And do not store or use gasoline or other flammable vapours and liquids in the vicinity of this or any other appliance. The fumes can create a fire hazard or explosion.
- ◆ Before proceeding with cleaning and maintenance operations, make sure the power line of the unit 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 electrical shock or death.
- ◆ Do not attempt to repair or replace any part of your appliance unless it is specifically recommended in this material. All other servicing should be referred to a qualified technician.
- ◆ To prevent a child from being entrapped, Keep out of reach of children and not in the vicinity of ice-making machine.
- ◆ Before you throw away your old ice-making machine, take off the door but leave the shelves in place so that children may not easily climb inside.
- ◆ Never allow children to operate, play with, or crawl inside the appliance.



Warning:

- ◆ This machine should be operated by professionals or trained personnel; Make sure the machine is reliably connected to the ground to keep safe

- ◆ Use the power consistent with the one in the nameplate, and the bias voltage is less than $\pm 10\%$ of the rated voltage. The professionals must do the wiring;
- ◆ If the supply cord is damaged, it must be replaced by the manufacturer, its service agent or similarly qualified persons in order to avoid a hazard.;
- ◆ Before maintaining the machine, make sure you have cut off the power;
- ◆ Don't wet or sprinkle the liquid onto the plugs, motors, or other electrical parts to avoid electric shock;
- ◆ This appliance can be used by children aged from 8 years and above and persons with reduced physical, sensory or mental capabilities or lack of experience and knowledge if they have been given supervision or instruction concerning use of the appliance in a safe way and understand the hazards involved. Children shall not play with the appliance. Cleaning and user maintenance shall not be made by children without supervision.



FLAMMABLE REFRIGERANT

For your safety observe the following recommendations.

- ◆ This appliance contains a small quantity of R290/R600a ice-making machine which is environmentally friendly, but flammable. It does not damage the ozone layer, nor does it increase the greenhouse effect.
- ◆ During transportation and installation, ensure that the tubing of the refrigerant circuit is not damaged.
- ◆ when handling, moving and use of the refrigerator or freezer to avoid either damaging the refrigerant tubing or increasing the risk of a leak.
- ◆ Avoid using or manipulating sharp objects near by the appliances.
- ◆ Leaking refrigerant can ignite and may damage the eyes.
- ◆ In the event any damage does occur, avoid exposure to open fires and any device which creates a spark. Disconnect the appliance from the mains power.
- ◆ Thoroughly ventilate the room in which the appliance is located for several minutes.
- ◆ Notify Customer Service for necessary action and advice.
- ◆ The ice-making machine quantity contained in this appliance is listed

above in grams; it is also noted on the Rating Plate of the appliance.



◆ **R290/R600a WARNING:** 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.



Note:

- ◆ Please keep the water or other conductive liquids away from the machine;
 - ◆ Don't stick clubs into the machine;
 - ◆ During the movement of the machine, it should be carefully carried at an angle of less than 45 degrees.
- Prohibit water discharge pipe or water supply pipe from being bent so that the pipes are damaged and water leaks out from the pipes.
- ◆ The distance between the air outlets and the wall should be over 30 cm. Besides, keep good ventilation and ensure the machine is dry and clean.

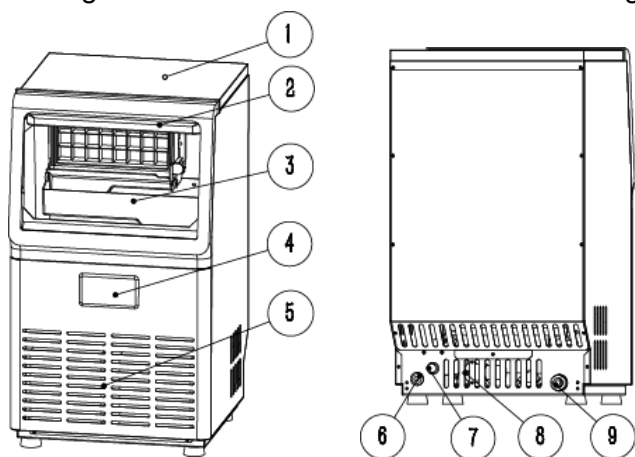
MACHINE INSTRUCTION

Machine housing components (LB70)

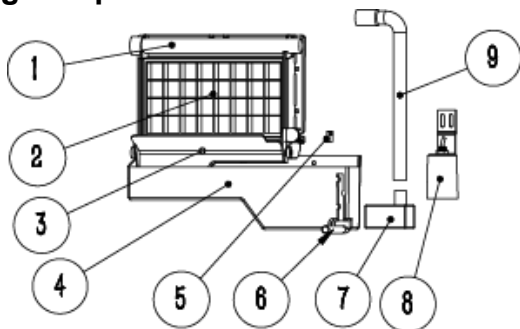
1. Top panel
2. Door panel
3. Internal cooling component
4. Operating panel
5. Outlet grid
6. Electrical cord
7. Ice maker inlet: Connect the 6mm white inlet pipe

8. The self-suction inlet of the ice maker: Connect the $\phi 10$ transparent silicone tube(This feature is exclusively applicable to models equipped with dual water inlets: **LB70TA-D**, **LB70TB-D**, **LB70TR-D** and **LB70TU-D**)

9. Ice maker drainage outlet: Connect the 9.5mm white drainage pipe.



Internal cooling component



1. Spray water pipe
2. Evaporator
3. Ice level detection baffle
4. Water tank
5. Ice Full Detection Switch
6. Water tank drain pipe
7. Water pump
8. Water level detection switch

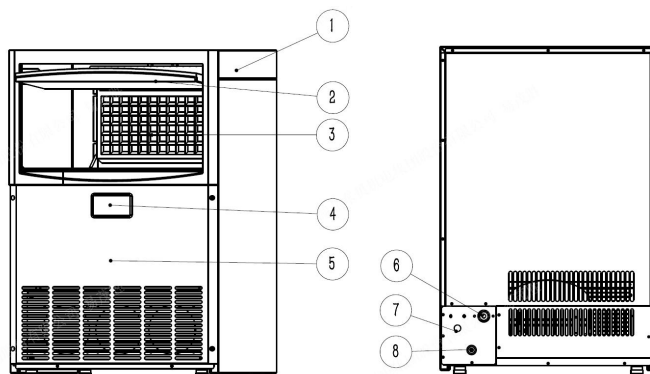
9. Evaporator inlet pipe

Machine accessories

Double inlet model: 9.5mm white drainage pipe, 6mm white inlet pipe, ice scoop, silicone tube, Water pipe connection head, Teflon tape

Exterior inlet water model: 9.5mm white drainage pipe, 6mm white inlet pipe, ice scoop, Water pipe connection head, Teflon tape

Machine housing components (LB150)



1. Top panel

2. Door panel

3. Internal cooling component

4. Operating panel

5. Outlet grid

6. Ice maker drainage outlet: Connect the drainage pipe

7. Ice maker inlet: Connect the 6mm white inlet pipe

8. Electrical cord

Machine housing components (LB200 300 360)

1. Top panel

2. Door panel

3. Internal cooling component

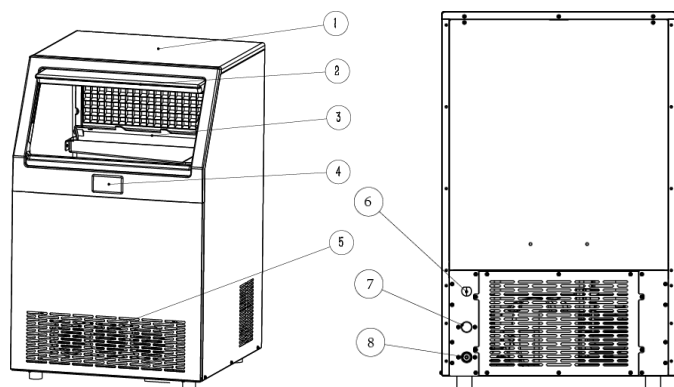
4. Operating panel

5. Outlet grid

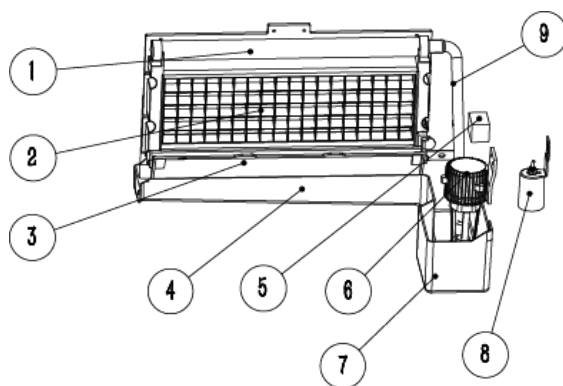
6. Electrical cord

7. Ice maker inlet: Connect the 6mm white inlet pipe

8. Ice maker drainage outlet: Connect the drainage pipe.



Internal cooling component(LB150 200 300 360)



1. Spray water pipe
2. Evaporator
3. Ice level detection baffle
4. Water tank
5. Ice Full Detection Switch
6. Water pump
7. Drainage hole of the water tank:
Located at the bottom of the sink

8. Water level detection switch

9. Evaporator inlet pipe

Machine accessories

Exterior inlet water model:Wave-shaped drainage pipe,6mm white inlet pipe,ice scoop,Water pipe connection head,Teflon tape

NOTICE TO ALL USERS

1.Please use the standard pre-purified water filter and replace the filter element regularly to ensure it's food hygienic and reduce the risk of failures caused by water scale;

2.For the first time of making ice, due to the high inlet water temperature, normally it takes a little bit longer time to reduce the water temperature in the water tank. After one or two ice-making cycles, the temperature in the water tank will drop to 1-3°C. Machine will enter normal ice making cycle;

3.At least every quarter (every month in areas with poor water quality), it is necessary to descale the water circulation pipes and ice-making components of the machine to reduce risk of failures or less efficient ice-making caused by solenoid valves, water pumps, pipelines and evaporator. Generally the cleaning time can be 5-30 minutes, visually when all the yellow scale has been removed on the surface of the ice evaporator, then it can stop.If conditions permit,you can use food-grade descaling agent or diluted citric acid with a concentration of 20% ,pour it into the water tank and activate the cleaning mode for internal circulation cleaning, supplemented with a brush to wipe the scale on surface; if those are not available, you can also use undiluted white vinegar, pour into the water tank and use the same cleaning mode, supplemented with a brush to wipe the scale on surface. Immediately after descaling, be sure to use clean water internal and external circulation to clean the entire tank, pipeline, water pump and evaporator at least 3 times (each time you need to unscrew the drain cap to discharge the descaling agent) to ensure food safety and prevent corrosion damage by residues;

4.The ambient temperature has a great influence on the ice making speed

and life cycle. Please use the equipment under ambient temperature of 15-35 °C, and ensure that the space surrounding and even space on the top are more than 30cm, then the equipment can be well ventilated and working;

5. Unplug the power supply at least quarterly, open the front panel and use compressed air with a soft brush to remove the dust on the surface of the condenser, then the equipment can run normally and ice-making efficiency is good;

6. Please ensure that the power supply voltage is stable and the socket is reliably grounded for personal and equipment safety;

7. If main power is accessible inside the equipment. Non-professionals are not allowed to do disassemble and repair works, Any maintenance involving the inside components of equipment must be performed when it is completely powered off!

WATER PIPE CONNECTION

The pipe connection of the external water ingress water model :

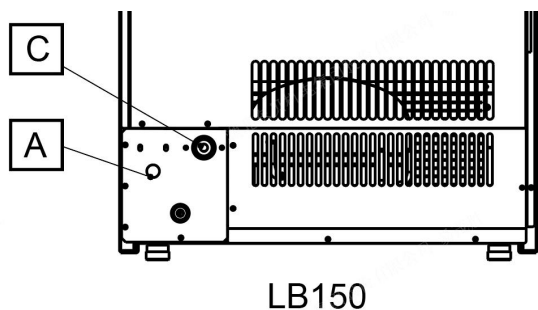
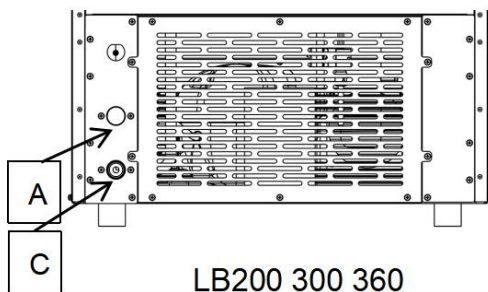
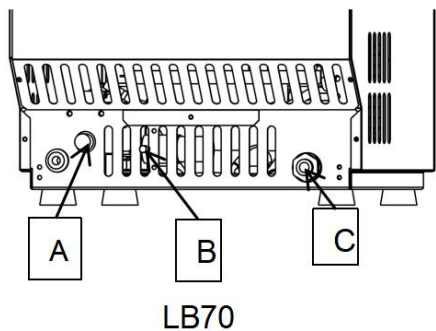
Remove the tape from the water inlet valve at position **A** on the machine, take out the 6mm white water pipe from the accessory and insert it into the hole all the way to the bottom to complete the connection between the water pipe and the machine. Then connect the other end to the faucet.

The connection of the water pipe for the self-suction water intake

model: Insert the silicone tube into the water pump connector, and use a cable tie to fix the silicone tube onto the interface. Insert the end with the filter screen into the water source. (This function is only applicable to models equipped with dual water sources: LB70TA-D, LB70TB-D, LB70TR-D and LB70TU-D)

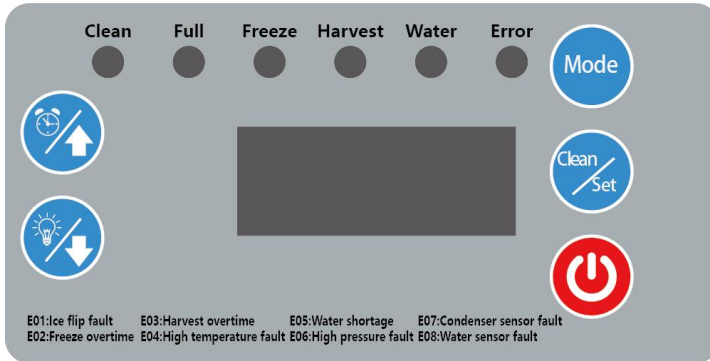
Drainpipe connection: Remove the corrugated pipe (LB70 is a 9.5mm white PE pipe) from the attachment. Install one end of the connector to the drainage outlet of the machine (C), and connect the other end to the drainage pipe.

Note: After the water pipe is connected, it is necessary to test for any leakage. If there is leakage, you can use adhesive tape to wrap it.



(*This feature is exclusively applicable to models equipped with dual water inlets: **LB70TA-D, LB70TB-D, LB70TR-D and LB70TU-D**)

MACHINE OPERATING INSTRUCTIONS



Buttons on display board



Boot / shutdown:

press 3 seconds to turn off the machine under turn on status.

press on/off button to turn on the machine under turn off status .



Mode button:

Switch the ice making program.



Clean / Set Button:

Press to enter the clean status under machine turn off status.

Press and hold the button while the device is powered on to switch to the water intake mode(_O External water ingress, _I Self-pumping water intake)(This feature is exclusively applicable to models equipped with dual water inlets: **LB70TA-D, LB70TB-D, LB70TR-D and LB70TU-D**).



+/reservation button:

Press to enter the ice thickness adjustment status under machine turn on status.

Press to enter the reservation time setting status status under machine turn off status.Set the status. click the parameter to increase by 1.



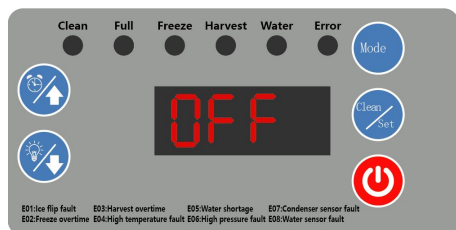
-/light button:

Set the status, click the parameter to decrement by 1.

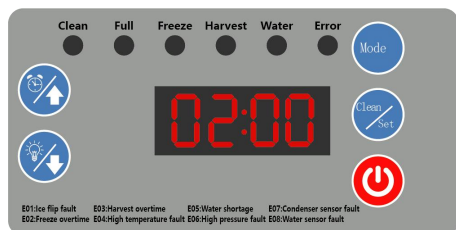
When the device is not in the set-up mode, press the switch to turn on the blue light.

Instruction: when the machine is in the “lack-water protection” condition, it can restart automatically after the sink is filled with appropriate water. If other faults cause the machine to stop, press the start button or supply power again after forty-five minutes, and the machine will start again.

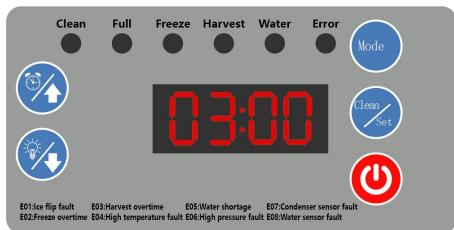
Appointment time



1. Turn off the machine and will display characters as above.



2. Press button , the display will be as showed.



3. press button , the time will increase by one hour.

Press button , the time will reduced by one hour.

4. press button , it enter into scheduled boot status, screen will show the information of time countdown. If no operation is performed within five seconds, the reservation time setting will be cancelled. in the reservation state, long-pressing the button  will exit the reservation state and enter the shutdown state.

Waterway flushing steps



1. Turn off the machine and will display characters as above.

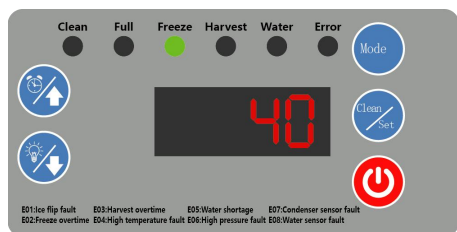
2. press button , the the display will be as showed. The indicator light



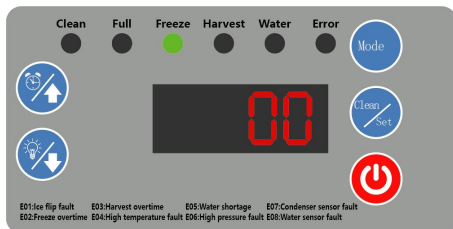
"Clean" on the operation screen is illuminated.

3. At this point, the machine enters the cleaning mode. Users can add cleaning agents or disinfectants as needed (for more detailed instructions, please refer to the following section). The entire cleaning process will last for 20 minutes. Once the cleaning is complete, it will automatically switch to suspend mode. After cleaning, needs to drain the wastewater from the sink. It is not recommended to use the three-layer ice produced by the machine after cleaning.

Adjust the thickness of ice block

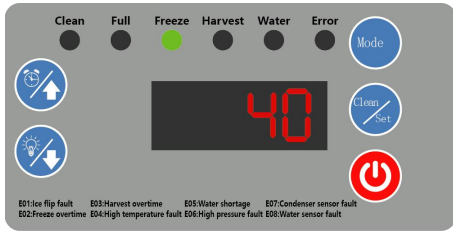


1. Make sure the machine is in the status of ice producing. The light "Freeze" on the operation screen is illuminated.



2. Press button , the gear position will increase by 1 gear. The maximum is 5. Press button , the gear position will decrease by one gear. The minimum position is -5. It will be automatically saved once you stop operating it.

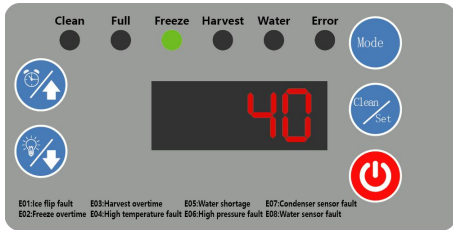
Switch on/off the lighting fixture



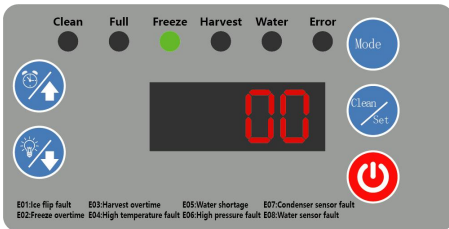
3. Press the button  when the machine is running, and turn on the blue light.

NOTE:For detailed operation and cleaning procedures of the machine, please refer to the QR code video on the machine

switch to the water intake mode

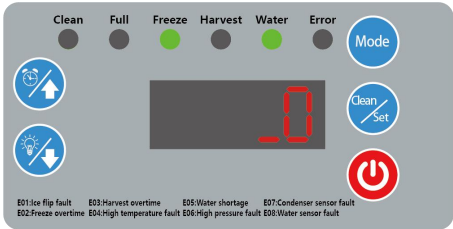


1. Make sure the machine being in the status of ice producing. The light "Freeze" on the operation screen is illuminated.

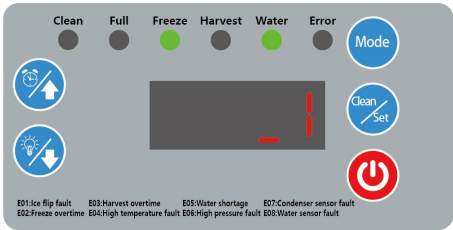


2. Long press the button , This interface will display the current water intake mode. Then, by long-pressing the button, you can switch the water intake mode. In the external water intake mode, the display will show "0" level, and the water intake indicator light on the operation screen will remain on continuously. In the self-suction water intake mode, it will show

"1" level, and the water intake indicator light on the operation screen will flash.
 (This feature is exclusively applicable to models equipped with dual water inlets: LB70TA-D, LB70TB-D, LB70TR-D and LB70TU-D).



the external water intake mode



the self-suction water intake mode

DAILY USE AND MAINTENANCE

Warning
Before cleaning or maintaining the ice maker, unplug the ice maker from the power supply network
It is strictly prohibited to flush the ice maker directly with water sprayer
Attention
When using neutral or sodium hypochlorite solutions, be sure to read and understand the accompanying instructions to avoid potential health problems

Ice maker and refrigerator housing

Wipe the ice maker's shell with a clean, soft cloth at least once a week, and wipe grease and dirt with a damp cloth containing a neutral cleaner



Do not use a hard brush, wire brush, do not use detergent powder, gasoline, banana water, acetone and other organic solutions, do not use boiling water or containing strong acids, alkali cleaning agents to clean the ice machine.

Please do not wash directly with water when cleaning, so as not to affect the insulation of electrical appliances

[b]Ice machine cleaning and disinfection (recommended more than 2 times per-month)

Note: Some areas may need to be cleaned and disinfected more frequently due to different water quality



Before cleaning, at the end of the ice machine cycle, all the ice cubes slide behind, shutdown, open the front panel, and remove all the ice cubes in the ice machine and ice storage bucket

Do not use tools to peel the ice from the ice mold, otherwise it may cause damage to the ice mold

Do not use any liquid containing alcohol to clean or disinfect the ice machine, or it may cause cracks in the plastic parts



During the cleaning and disinfection process, please pay attention to protection, wear goggles and gloves, if the cleaning agent or disinfectant on the skin or eyes may cause inflammation. In case of accidental

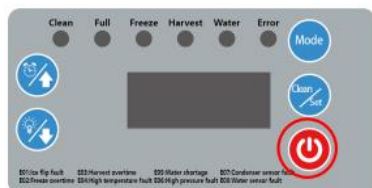
contamination, please follow the precautions of the medicine

During cleaning, attention should be paid to ventilation. Chlorine gas produced by disinfectants is a health hazard. Please handle it in a ventilated place

Cleaning and disinfection sequence

Daily cleaning and maintenance methods(10-15 days)

1.Click the" " button on the display screen after the ice maker finishes all the ice sliding. The display screen displays "off ". Open the ice bucket door and remove all the ice.



2.Pour the dissolved citric acid scale remover (at the specified concentration) into the water storage tank, and then close the front panel.



3. In the "off " state, press the " ". When you see that the key flashes, release it and enter the cleaning mode.

4. Enter the cleaning mode. The equipment will automatically start cleaning and it will end automatically after 20 minutes.

Note: Detergent (or disinfectant) should be adjusted according to its own use instructions.

After entering the cleaning program, it will run automatically without operation. Do not add disinfectant and cleaning agent to the sink at the same time.

Deep cleaning and maintenance methods(2 months)(LB150 200 300 360)

Step 1: Turn off the switch and unplug the power cord, Open the door panel.

Step 2: Pull the plug under the sink, drain all the water.

Step 3: remove any ice, Remove all the ice and install back plugs.

Step 4: Remove water pipe retaining cover and water pipe.



Step 5: Remove evaporator cover. (Pry open the evaporator cover slightly to the right.)

Step 6: Remove the screw top of the water pipe and take out the inner and outer water pipes.

Step 7: Use a small brush to clean the inside and outside walls of the pipe.

Step 8: Use a small brush to clean the inside and outside of the evaporator cover.



Step 9: Remove the screws that secure the water pump, and remove the pump water pipe.

Step 10: Remove the two screws from the water level sensor.

Step 11: Use a small brush to clean the bottom of the pump.

Step 12: Use a small brush to clean under the water level sensor.



Step 13: Use a clean, soft cloth to clean the inside surface of the ice maker, the surface of the evaporator, the surface of the sink, and the inside of the ice bucket.



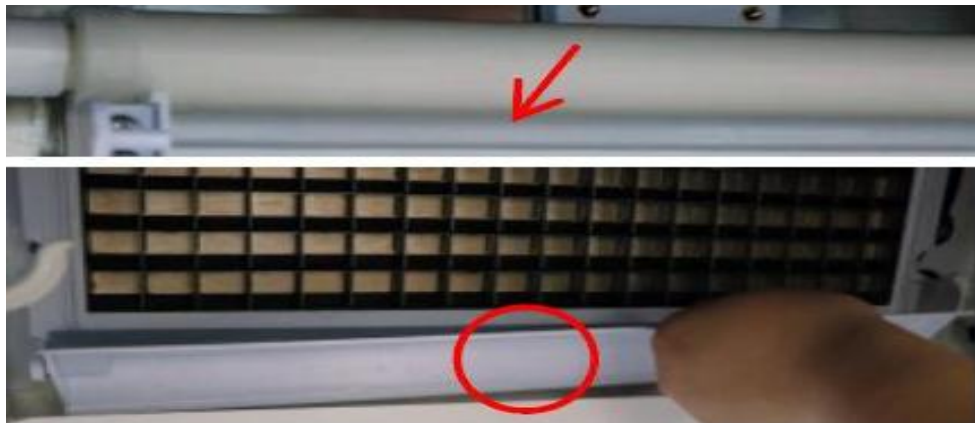
Install

Step 1: Install the water pipe and tighten the screws at both ends of the water pipe (note that the direction of the water outlet hole of the inner water pipe is opposite to that of the outer water pipe)

Step 2: Install water pipe retaining cover, water pump, water level

Step 3: Close the front pane.





Deep cleaning and maintenance methods(2 months)(LB70)

Step 1: Turn off the switch and unplug the power cord, Open the door panel.

Step 2: Pull the plug under the sink, drain all the water.

Step 3: remove any ice, Remove all the ice and install back plugs.

Step 4: Remove water pipe.

Step 5: Remove evaporator cover. (Pry open the evaporator cover slightly to the right.)

Step 7: Use a small brush to clean the inside and outside walls of the pipe.

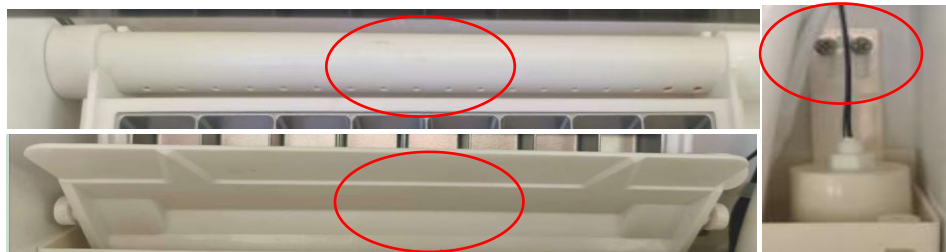
Step 8: Use a small brush to clean the inside and outside of the evaporator cover.

Step 9: Remove the two screws from the water level sensor.

Step 10: Remove the water pump

Step 11: Use a small brush to clean the pump.

Step 12: Use a small brush to clean under the water level sensor.



Install

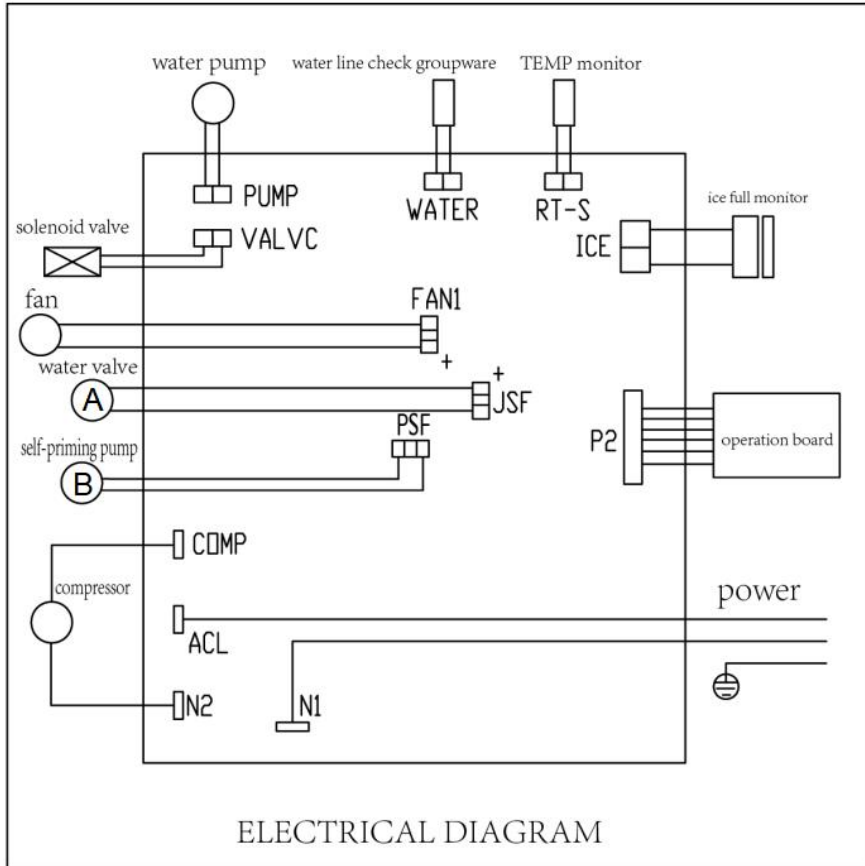
Step 1:Install the water pipe

Step 2:Install water pipe retaining cover,water pump, water level

Step 3:Close the front pane.

Note: After the ice machine is cleaned, the pre-made 5 sheets of ice should not be eaten.Cleaning and maintenance cycle please adjust according to the local water quality.recommended Daily cleaning and maintenance methods(10-15 days), Deep cleaning and maintenance methods(2 months), if there is serious scale, please first follow the deep maintenance cleaning, and check the filter condition

ELECTRICAL SCHEMATIC DIAGRAM



Note: The electrical schematic is for reference only. The specific components should be based on the actual physical ones.

TROUBLE SHOOTING

LED Panel	Possible Cause	Solution
E01	1.De-icing plate is missing or misplaced; 2.The polarity of the magnetic induction	1.Reset the ice removal plate; 2.Replace the ice removal plate/full ice sensor; 3.Contact after-sales service/visual trouble guidance/confirm the fault
E03	1.The ice cube setting is too thin; 2.The water tank is insufficient; 3.The ambient temperature is too low; 4.De-icing solenoid valve failure;	1.Check and set the water thickness parameters (Recommended gears 0-2) 2.Check the water inlet system,or if the water sufficient 3.Use membrane materials to block the ventilation inlet area proportionally; 4.Check if the ice is stuck; 5.Check if the machine is placed horizontally; 6.Contact after-sales/video guidance/confirm the point of failure;
E04	1.The ambient temperature is too high; 2.The cooling effect of the condensing system is poor; 3.The cooling fan is damaged;	1.Improve environmental ventilation or displacement or tum on air conditioning; 2.Clean the condenser; 3.The distance between the machine and the obstruction should be at least 30cm; 4.Check if the fan is working 5.Contact after-sales/confirm the point of failure;

E05	1.No water supply; 2.The water supply pressure is too low; 3.Water tank leaks; 4.The water level sensor fails; 5.Malfunction of the inlet valve;	1.Check the water source or whether the water filter is blocked; 2.Check the water supply pressure or whether the water filter is blocked; 3.Check whether the bottle cap at the bottom of the water tank is tightened and sealed; 4.Check for scale on the water level switch 5.Contact after-sales/video guidance/confirm the point of failure;
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TECHNICAL PARAMETER AND WIRING DIAGRAM

A.Technology parameters are on the nameplate.

B.The electrical schematic diagram is on the inner side of the board .

Manufacturer: Huangshi Dongbei Refrigeration Co., Ltd

Address: 6 East Jinshan Road, Economic and Technical Development Zone, Huangshi Hubei Province, CHINA

E-mail: support@vevor.com



