

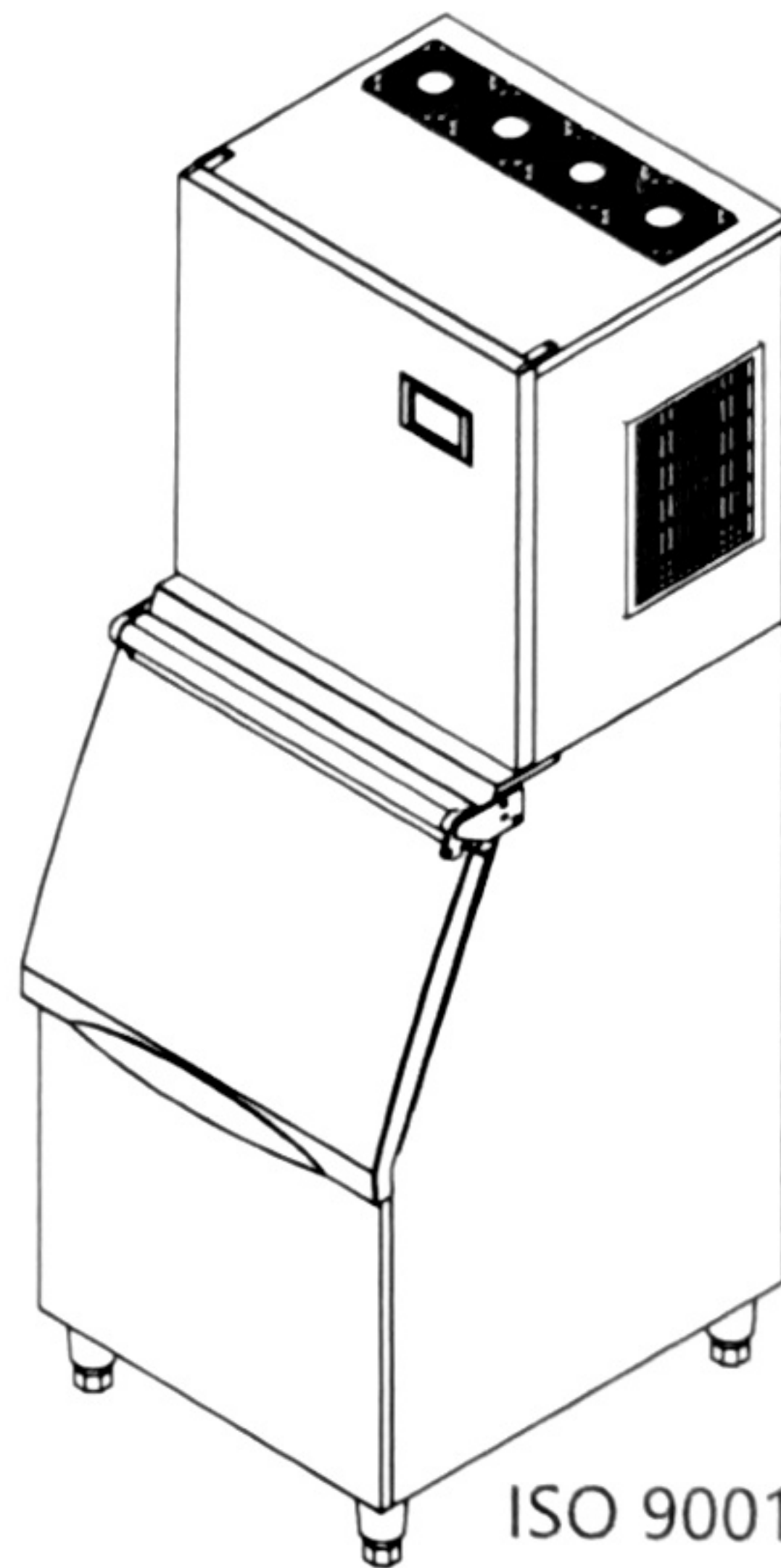


Coolski

Commerical Kitchen

FACTORY

Water-flowing Cube Ice Maker



The exterior of the machine
will be continuously adjusted
for production optimization.
The exterior used in this manual
is for reference only.

ISO 9001:2015

DOE/CEC



Maintenance

Carry out maintenance according to the requirements in the manual in order to improve its reliability and increase lifespan, which also could avoid increasing energy consumption.

1. Clean the space around the ice machine frequently, and do not block the ventilation window.
2. The housing can be cleaned with a neutral detergent and wiped with a soft cloth.
3. The filter element should be inspected regularly. It should be replaced timely.
4. Do not use excessive water pressure, do not directly flush the water pump and above the ice tray to prevent the circuit from being drenched.
5. Maintenance of condenser: clean the air-cooled condenser once every three months. Use a soft brush or a vacuum cleaner to clean its fins along the fin direction to avoid any damage. Use a flashlight to check the cleaning effect.
6. Overwintering maintenance: In addition to turning off the water source and power supply, the residual water in the water sink, water inlet pipe, and drain line must also be drained.



Water filter element must be regularly replaced.



Fin of condenser is sharp,
Be careful

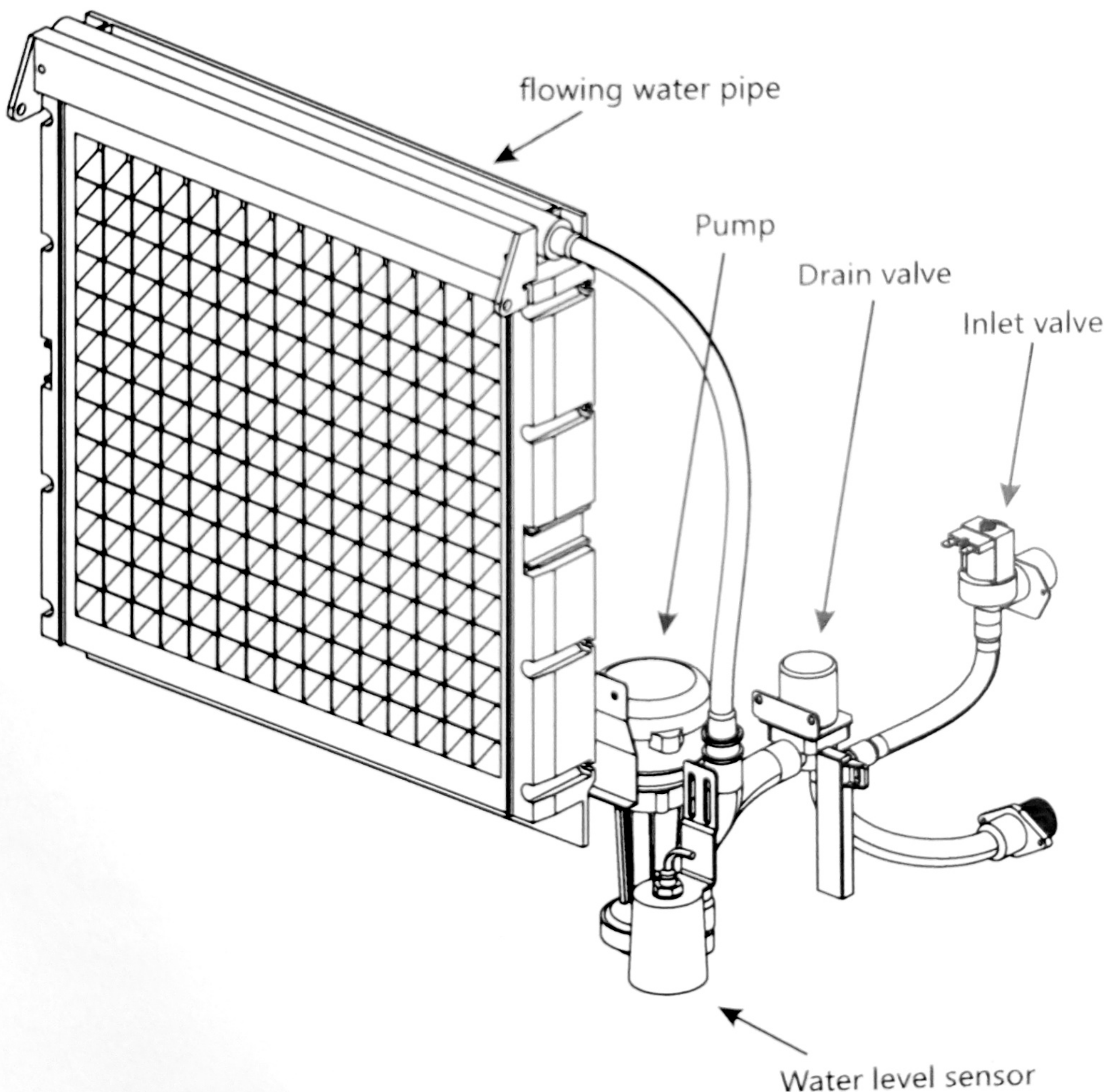


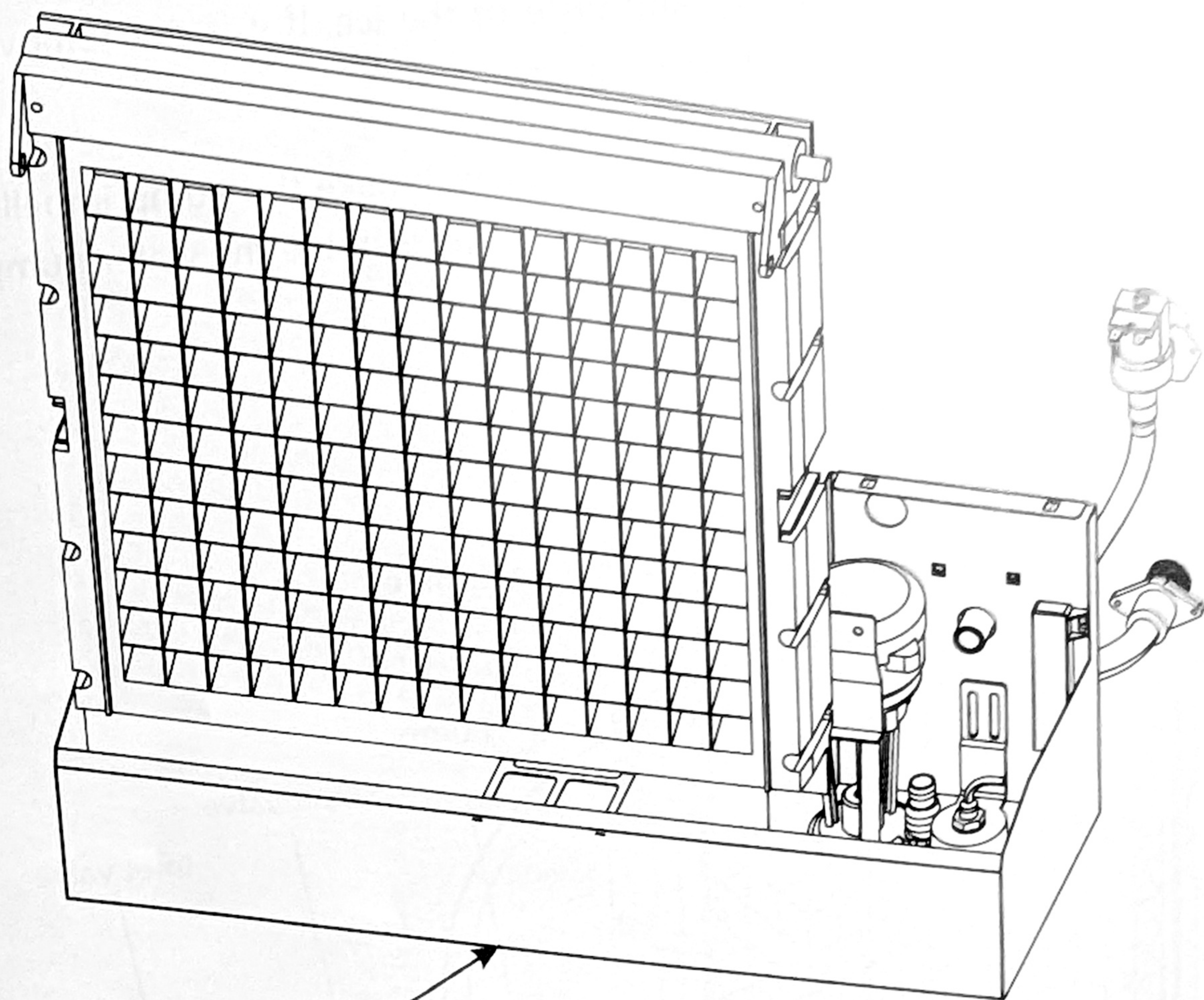
Ensure the cut-off of water and power
before maintenance.

Water tank cleaning

The impurity scale in the water will be deposited after a period of time, which will affect the color, quality, and taste of the ice. If it is not removed timely, the ice machine will not work normally.

Too much scale accumulated in the water tank will make the pump impeller stuck. If this issue arises, please cut off power, disassemble the water pump, and clean it.





Water tank

LCD Control Panel

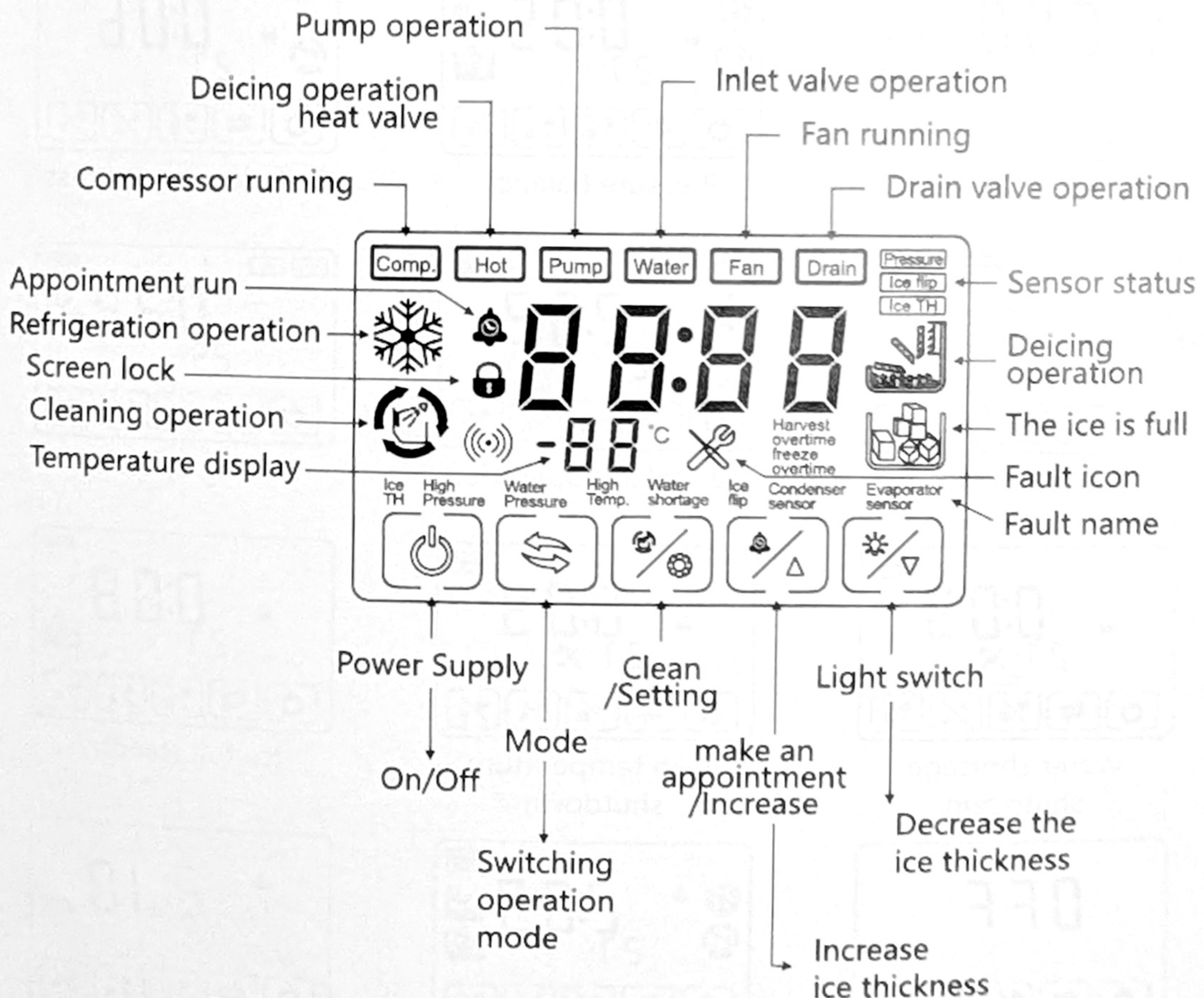
This is a fully automatic ice maker. All programs of the LCD panel have been set up in the factory.

Usually, users only need to do a few simple operations.

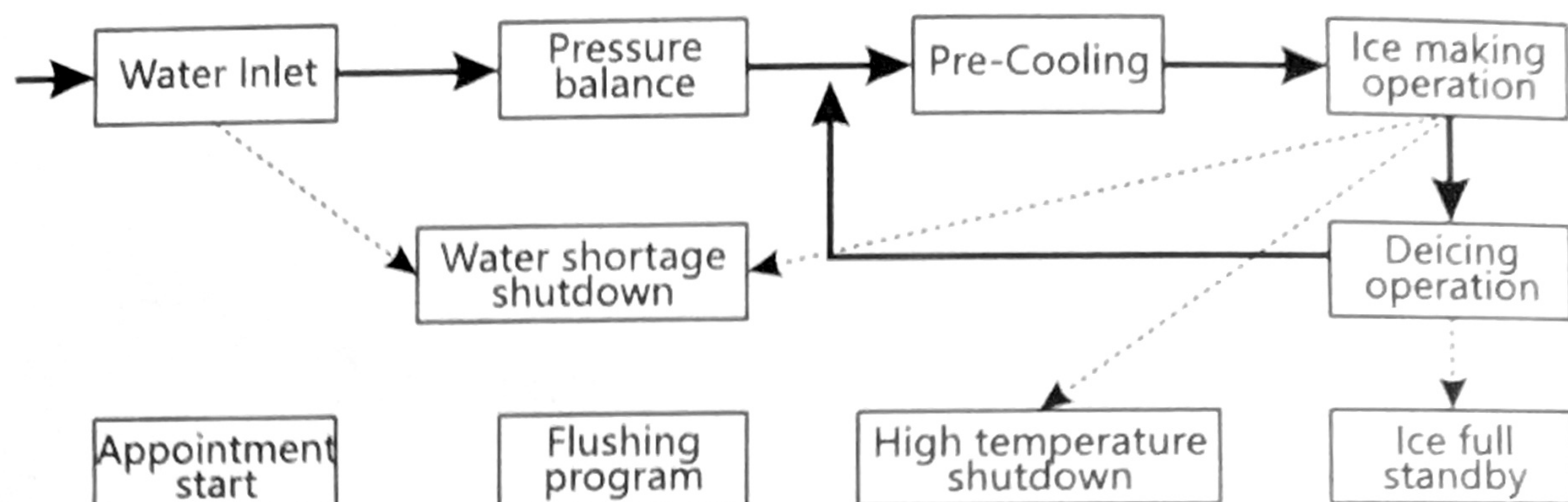
First, please locate the machine in a proper position and connect the power supply.

Second, there is a red switch on the back or left side, please turn it on, the LCD control panel will light up.

Third, Touch the On-off Icon on the LCD screen, the machine will run automatically without any other operation by the user.



LCD Panel ICONS Instruction



LCD Panel Running state



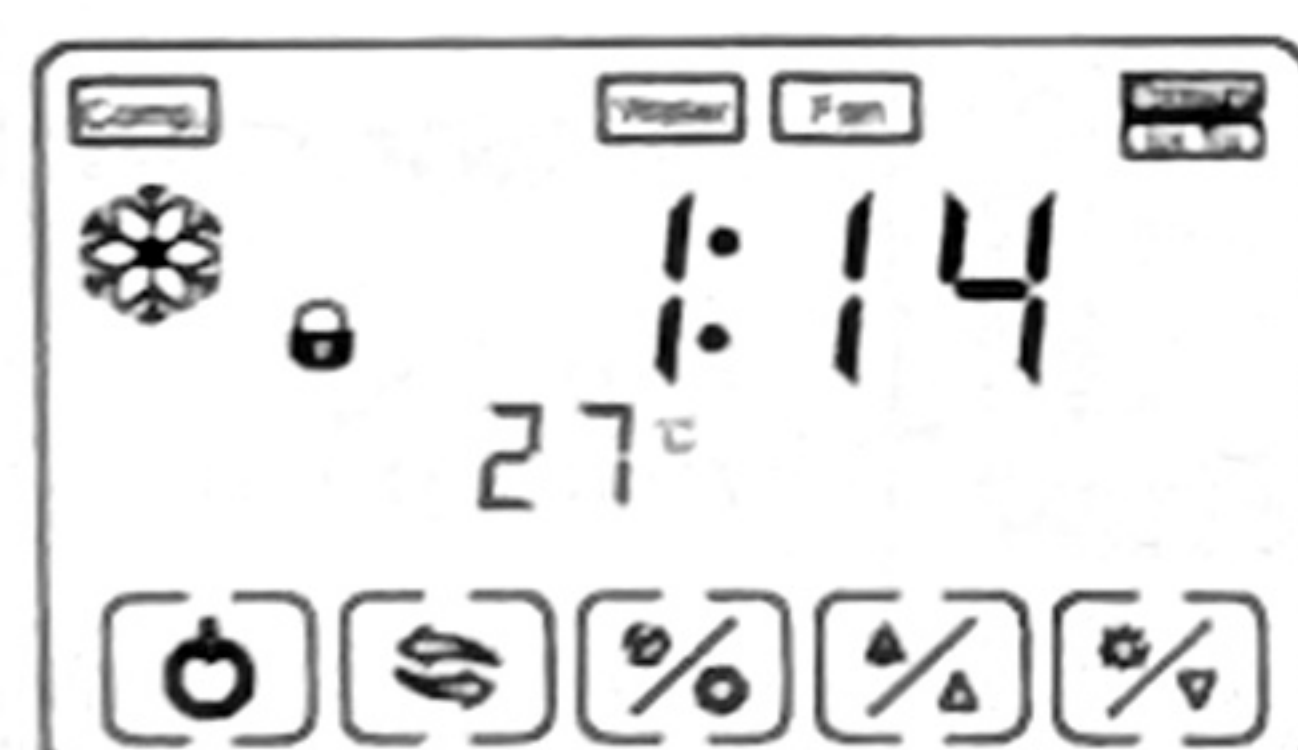
Water Inlet



Pressure balance



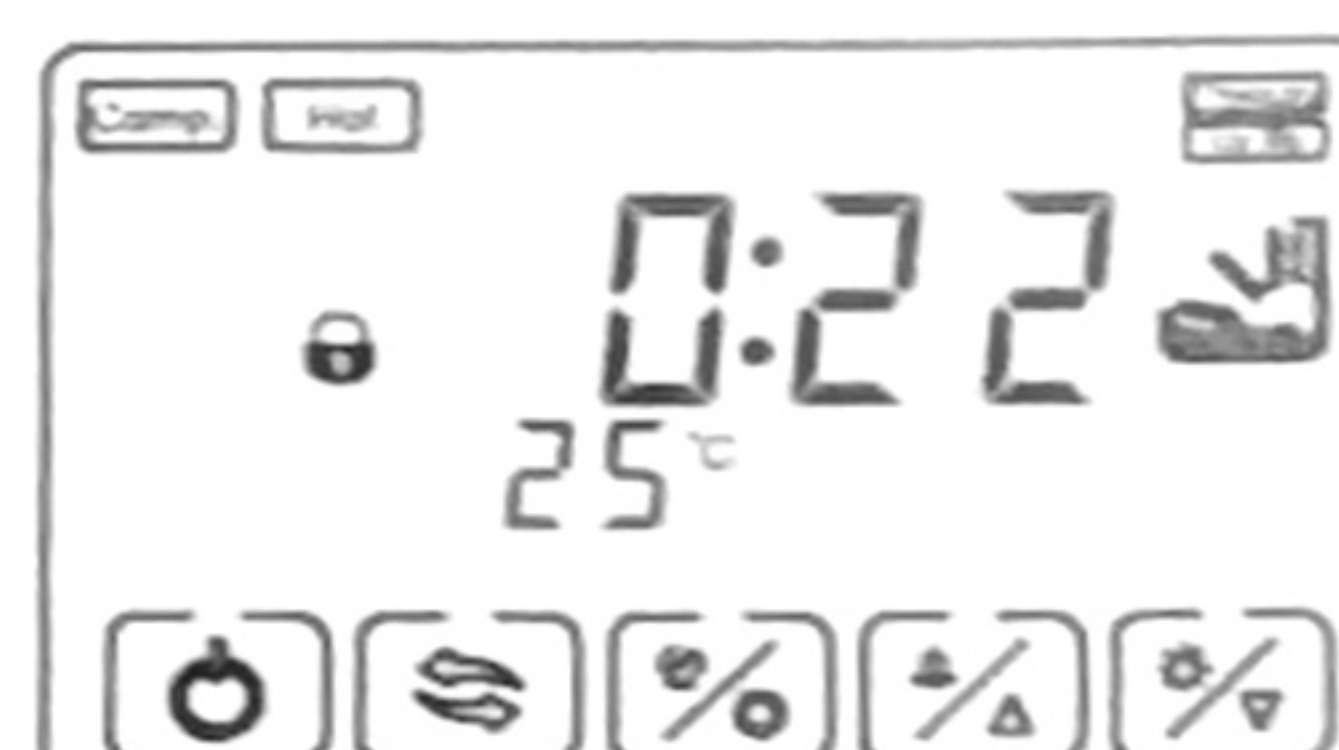
Self-cleaning Process



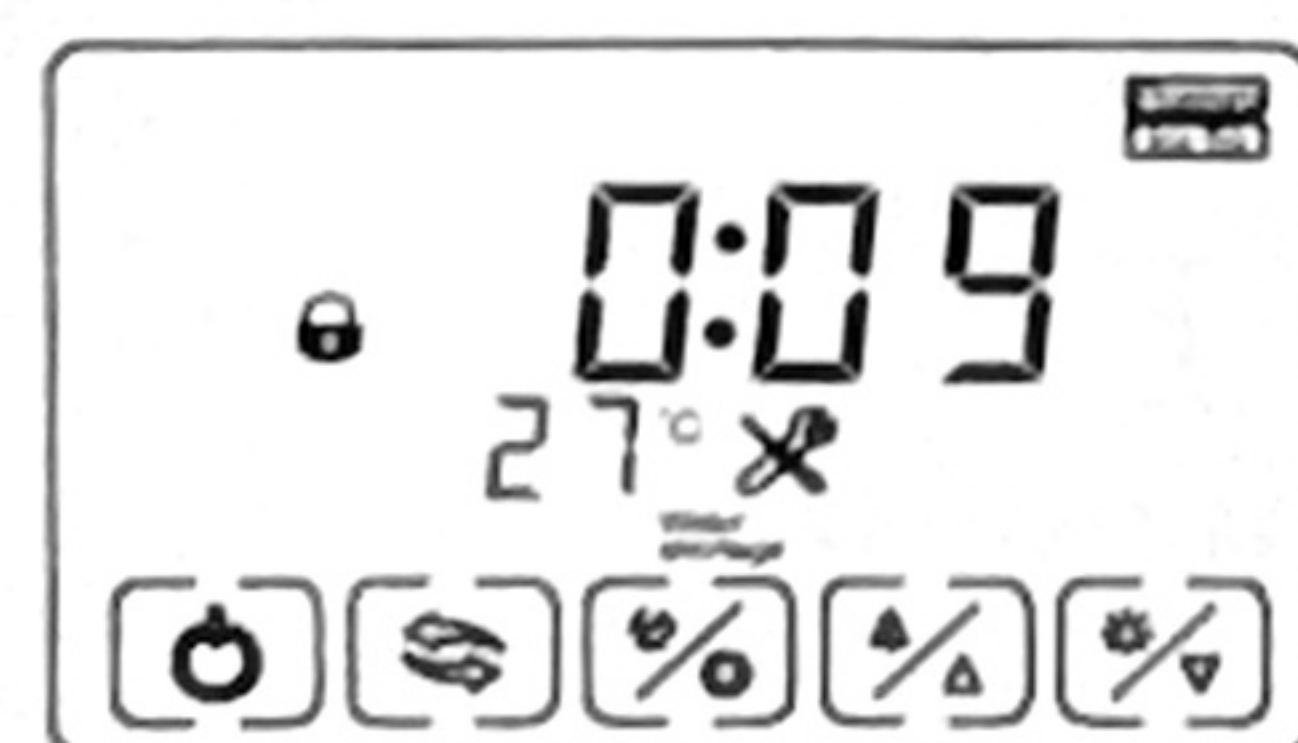
Pre-cooling



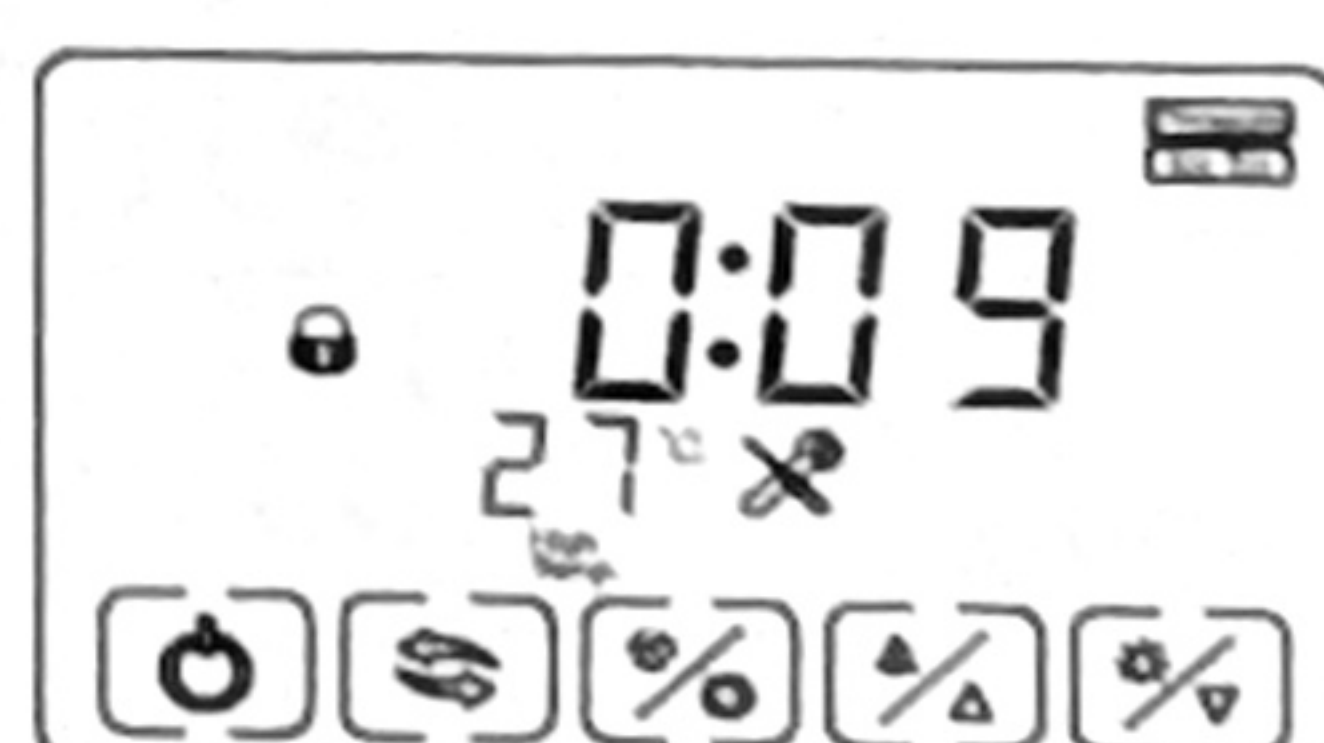
Ice making operation



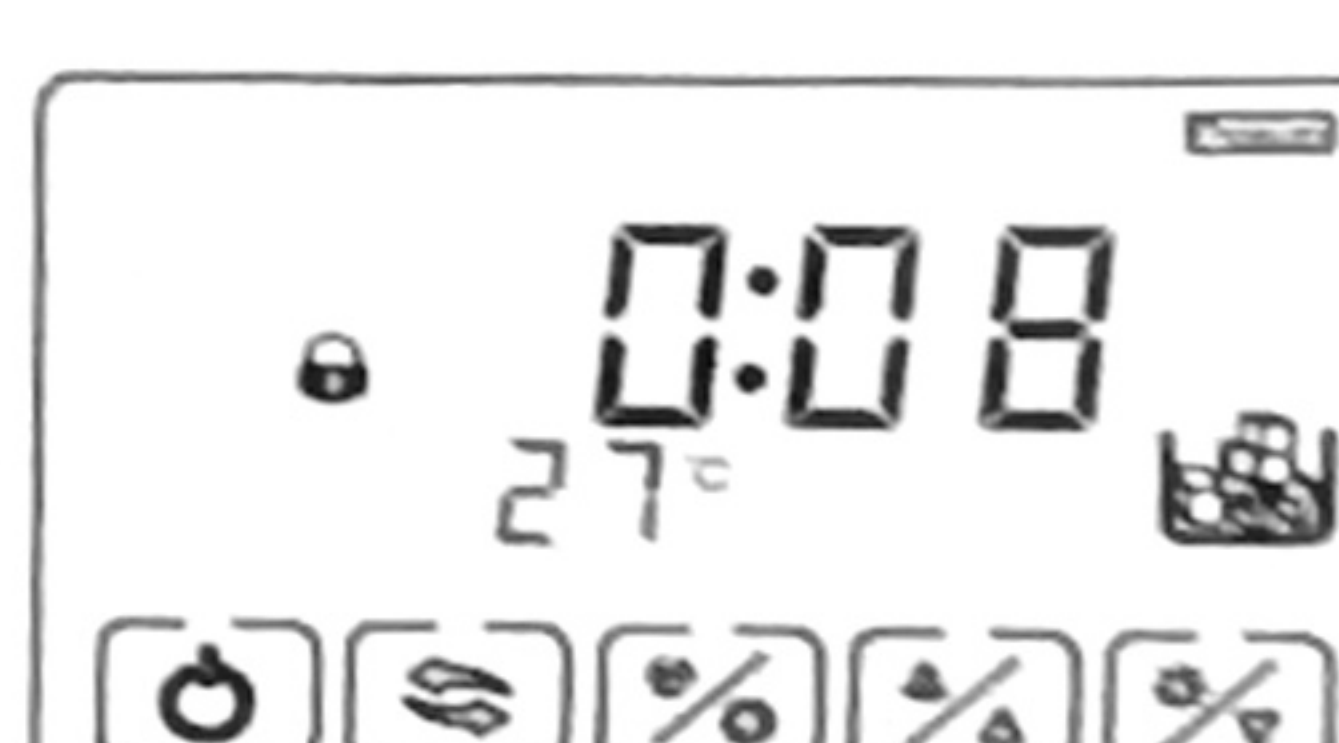
Deicing operation



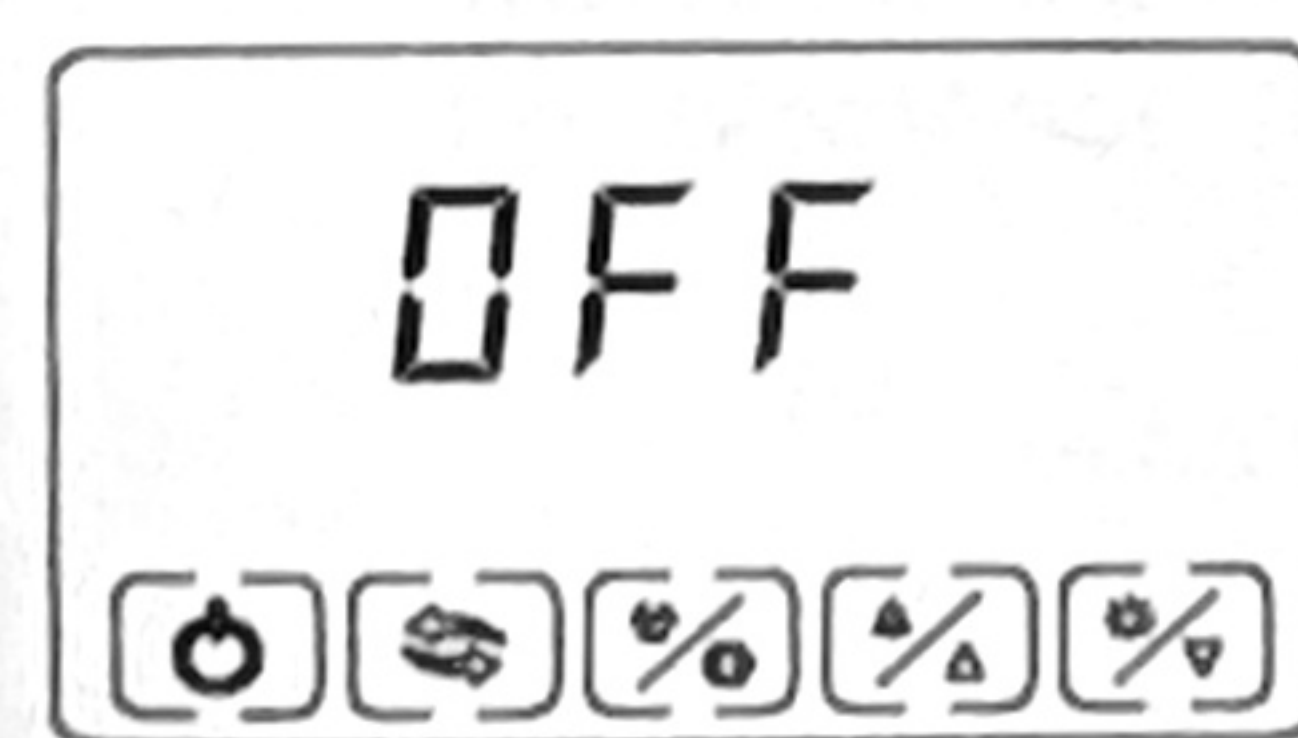
Water shortage shutdown



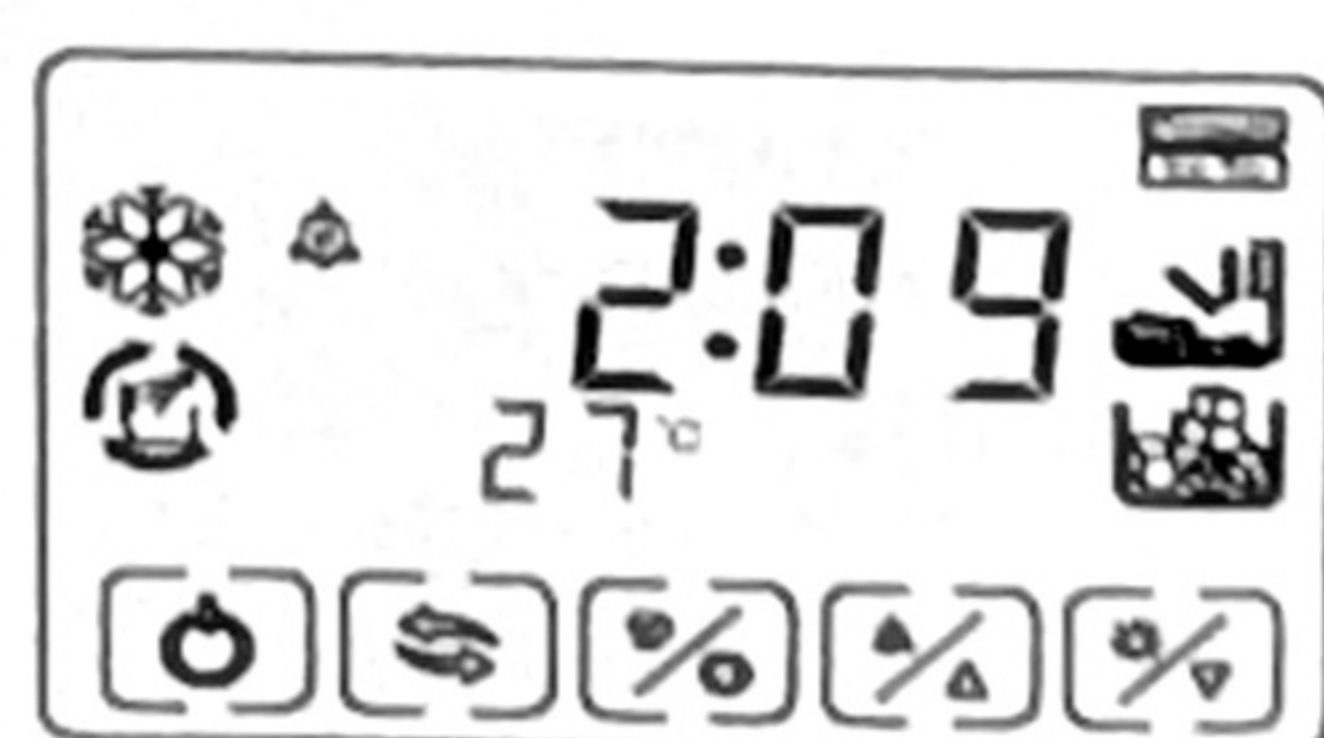
High temperature shutdown



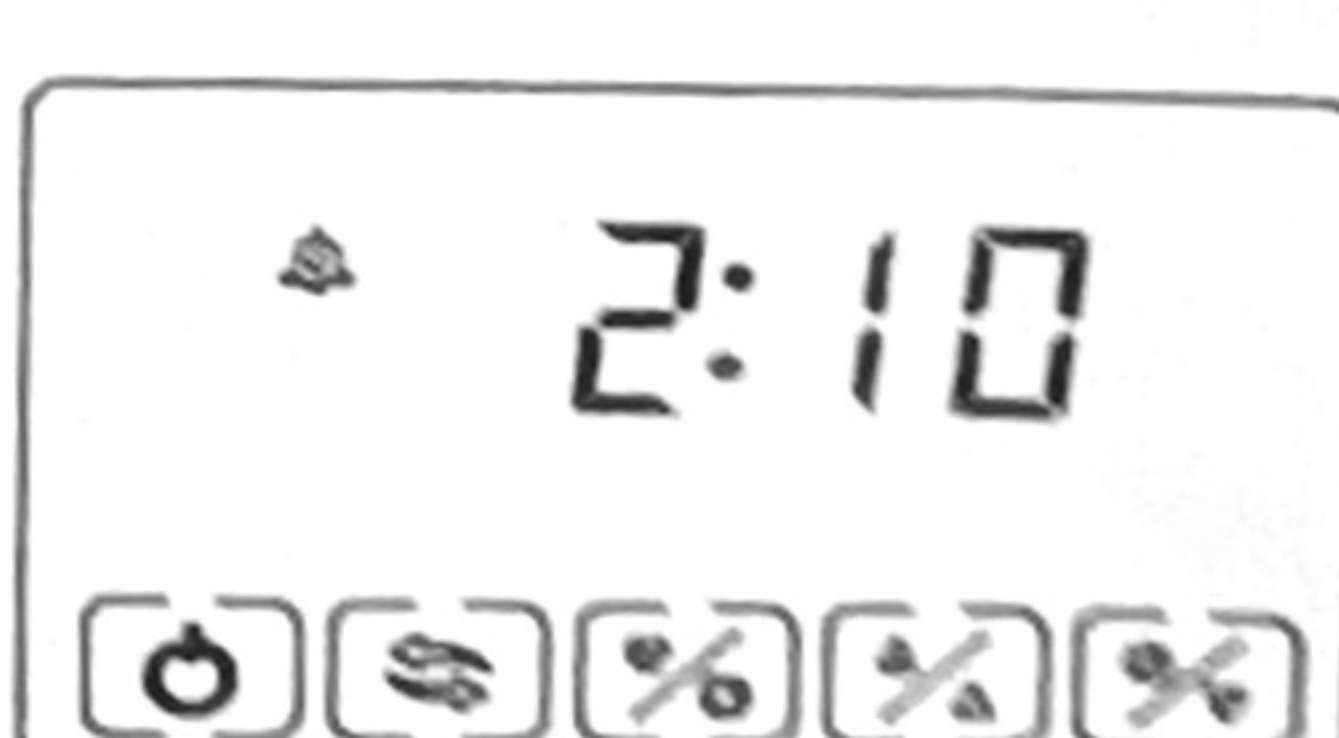
Ice full standby



Shutdown



Appointment start



Appointment time setting

LCD Panel button Operatioin



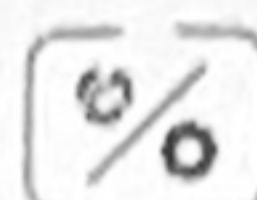
Power supply

1. In the shutdown state, click this button to turn on the ice maker.
2. In the power-on state, click this button to turn off the ice maker.
3. In the setting state, click this button to exit the setting state and save the parameters.
4. In the reservation state, click this button to turn off the ice maker.
5. In the state of appointment time, click this button to make appointment.
6. In the flushing state, click this button to turn off the ice maker.



Mode

1. In the pressure balance state, click this button to enter ice making and pre-cooling.
2. In the ice-making pre-cooling state, click this button to enter ice-making operation.
3. In the ice making operation state, click this button to stop ice making and enter the ice removal operation.
4. In the de-icing state, click this button, if the de-icing version is reset at this time, it will enter the ice pre-cooling.
5. In the de-icing running state, click this button, if the de-icing plate is turned over, it will enter the ice full stop.
6. In the reservation time setting state, click this button to close and cancel the time setting.
7. In the flushing state, click this button to enter the power-on and water supply.



Cleaning/Setting

1. In the power-on state, click this button to automatically turn on and enter the flushing running state.
2. When the power is running, in the ice making/de-icing/ice full state, press and hold this button for 3 seconds to enter the flushing state.



Make an Appointment/Increase

1. In the power-on state, click this button to automatically power on and enter the appointment time setting state.
2. In the appointment time setting state, click this button, the time will increase by 10 minutes, and long press this button to increase continuously.
3. In the setting state, click this button, the parameter will increase by 1, long press this button to increase continuously.

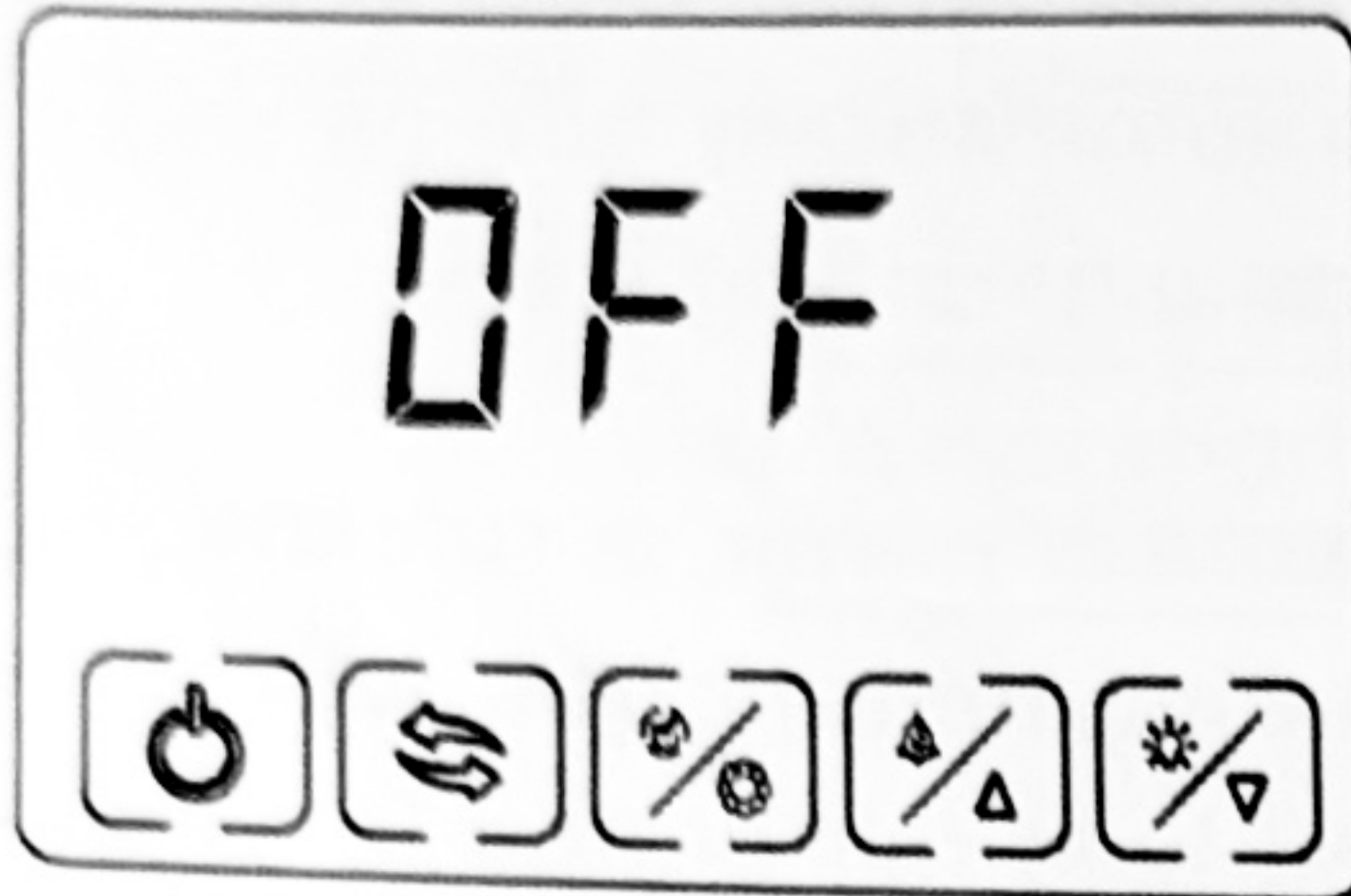


Light on/Reduce

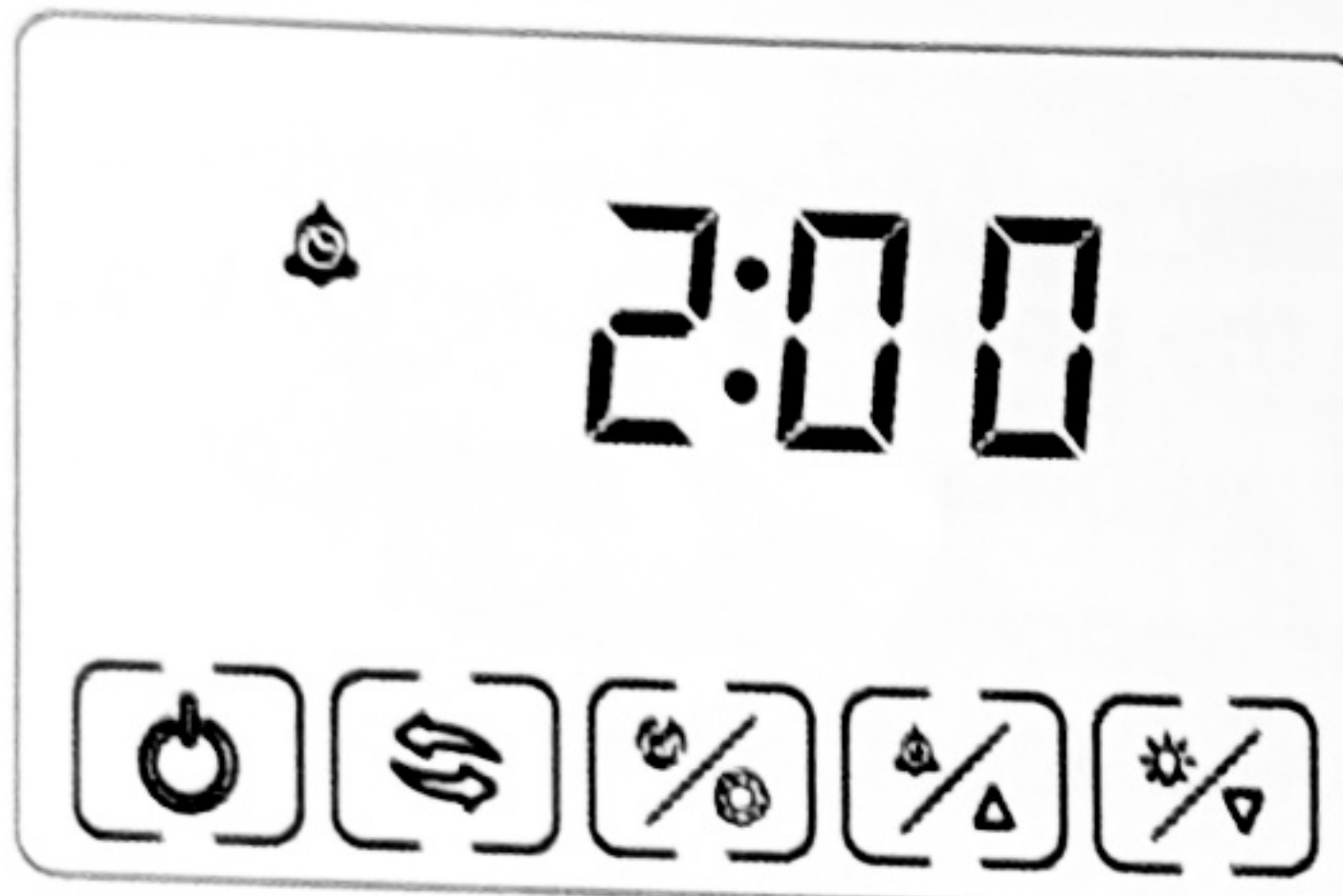
1. In the setting state, click this button, the parameter will decrease by 1, long press this button to decrease continuously.
2. In the reservation time setting state, click this button, the parameter will decrease by 10, and long press will decrease continuously.
3. In the non-setting state, click this button to turn on/off the blue LED lighting.

LCD Panel Operation Instruction

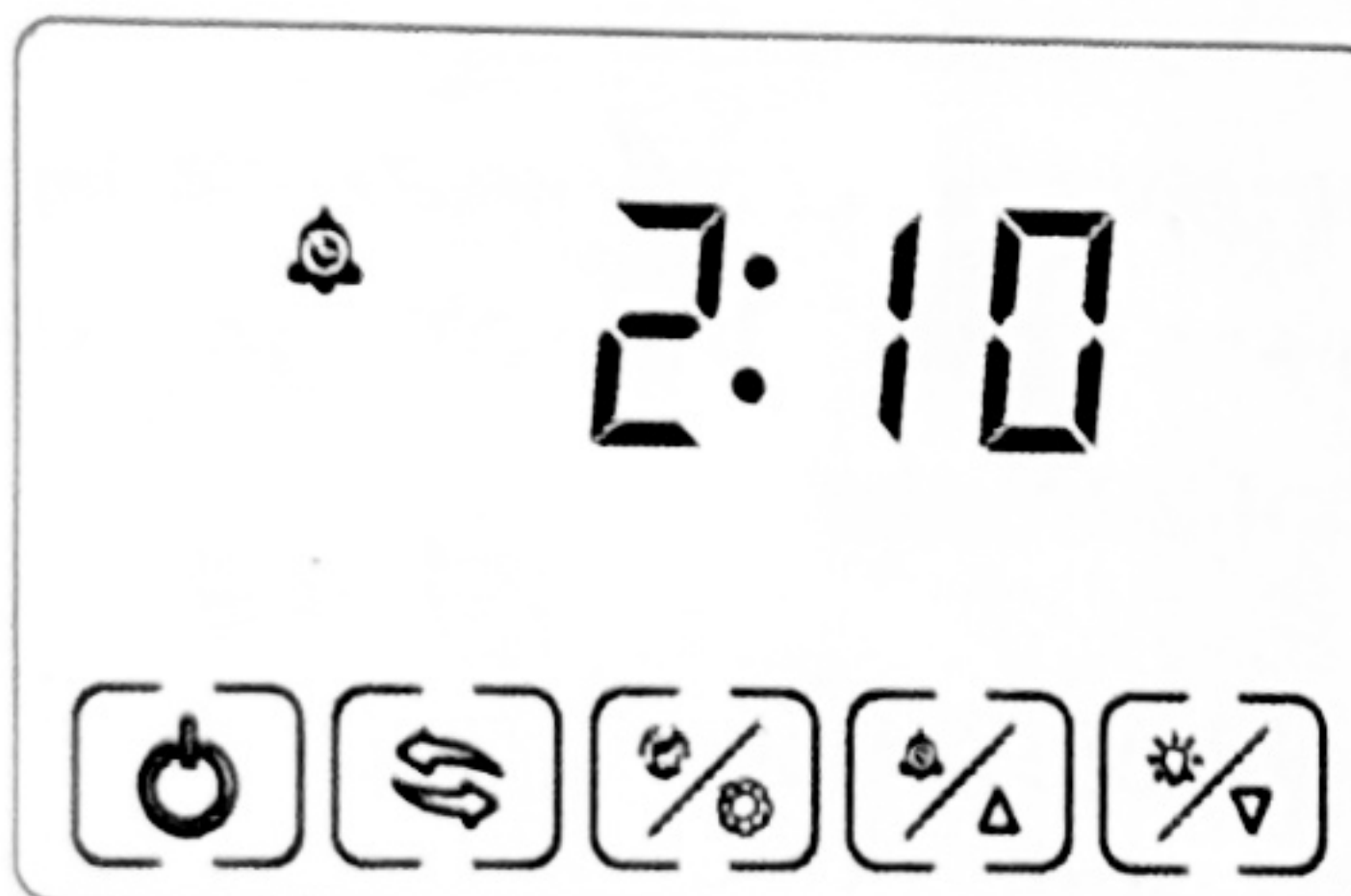
A.Appointment time



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



2. Press button , the display will be below photo 2, default time is 2 hrs and sparkling.

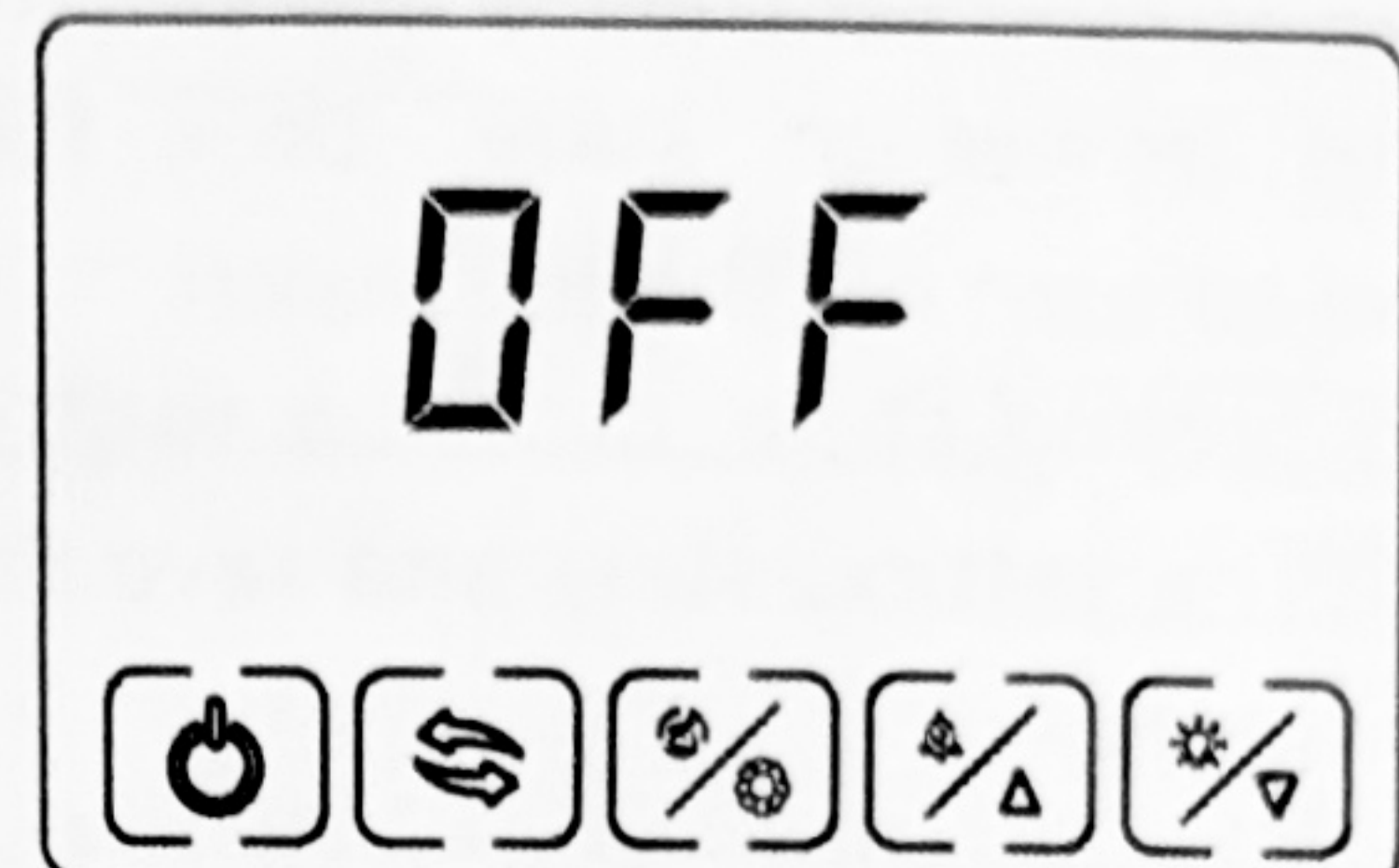


3. Press button  each time, the time will be enlengthed by 10 minutes.
Press button  each time, the time will be shortened by 10 minutes.

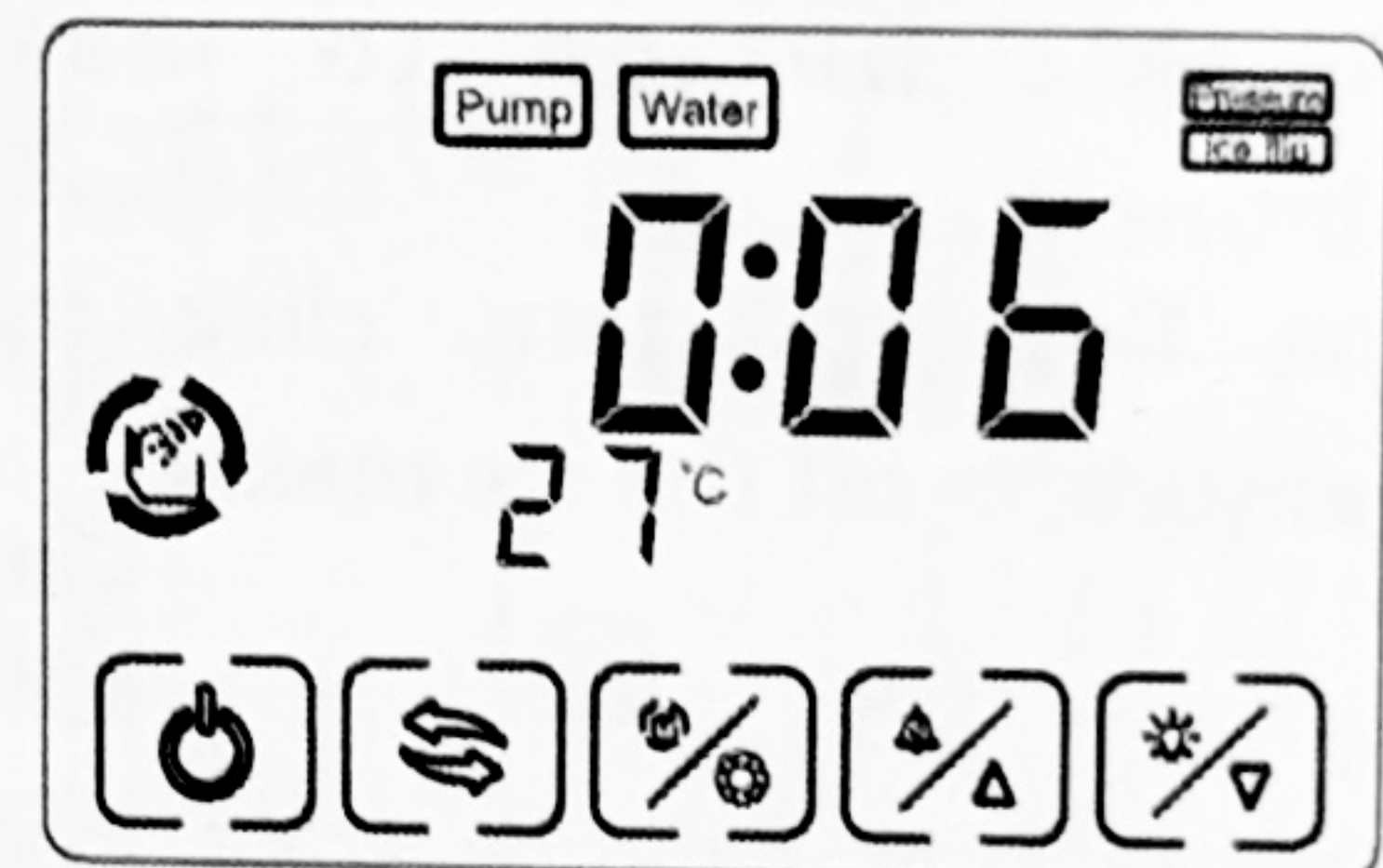


4. Press button , it enter into scheduled boot status, the screen will show the information of time countdown.

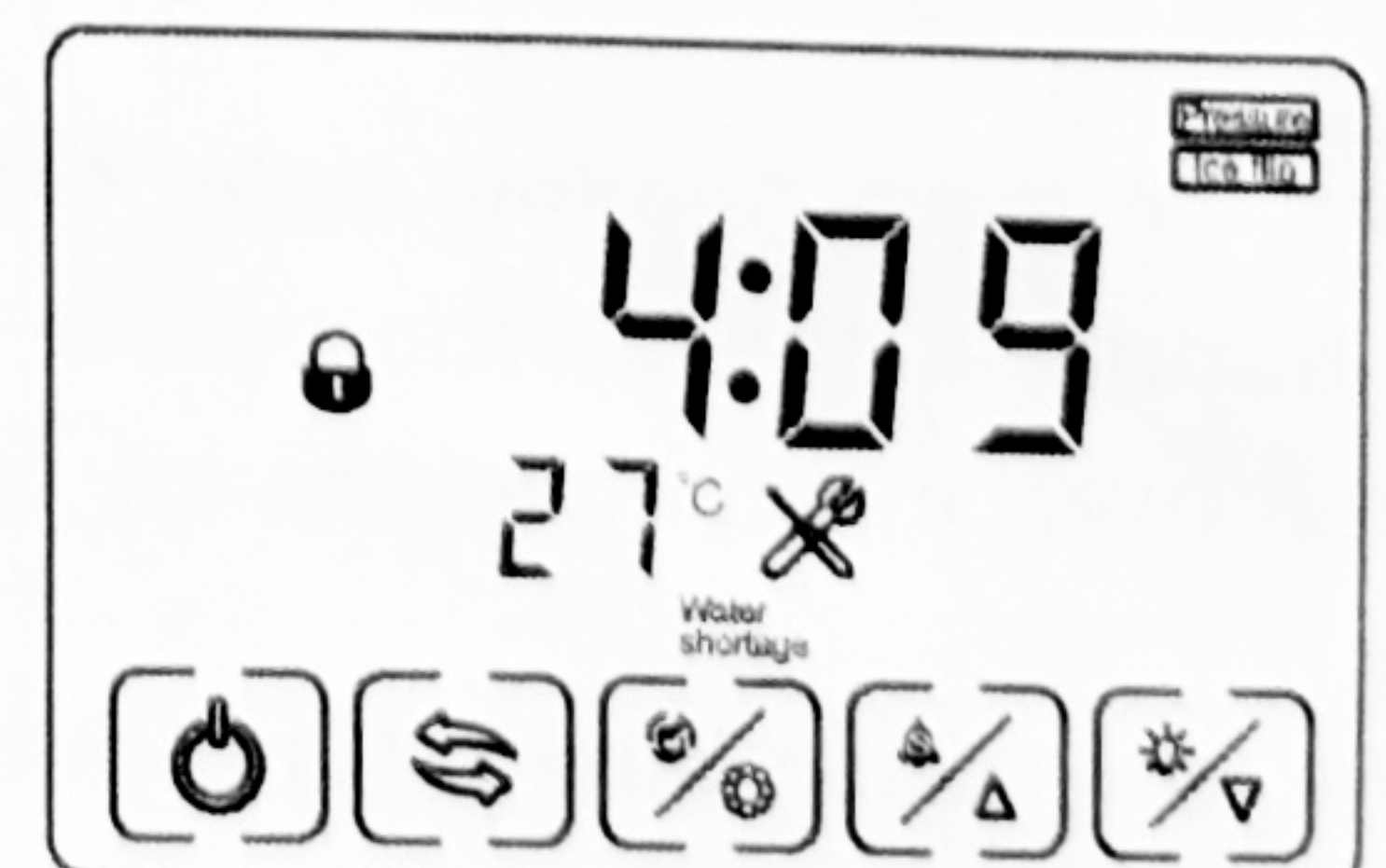
B.Waterway flushing steps



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



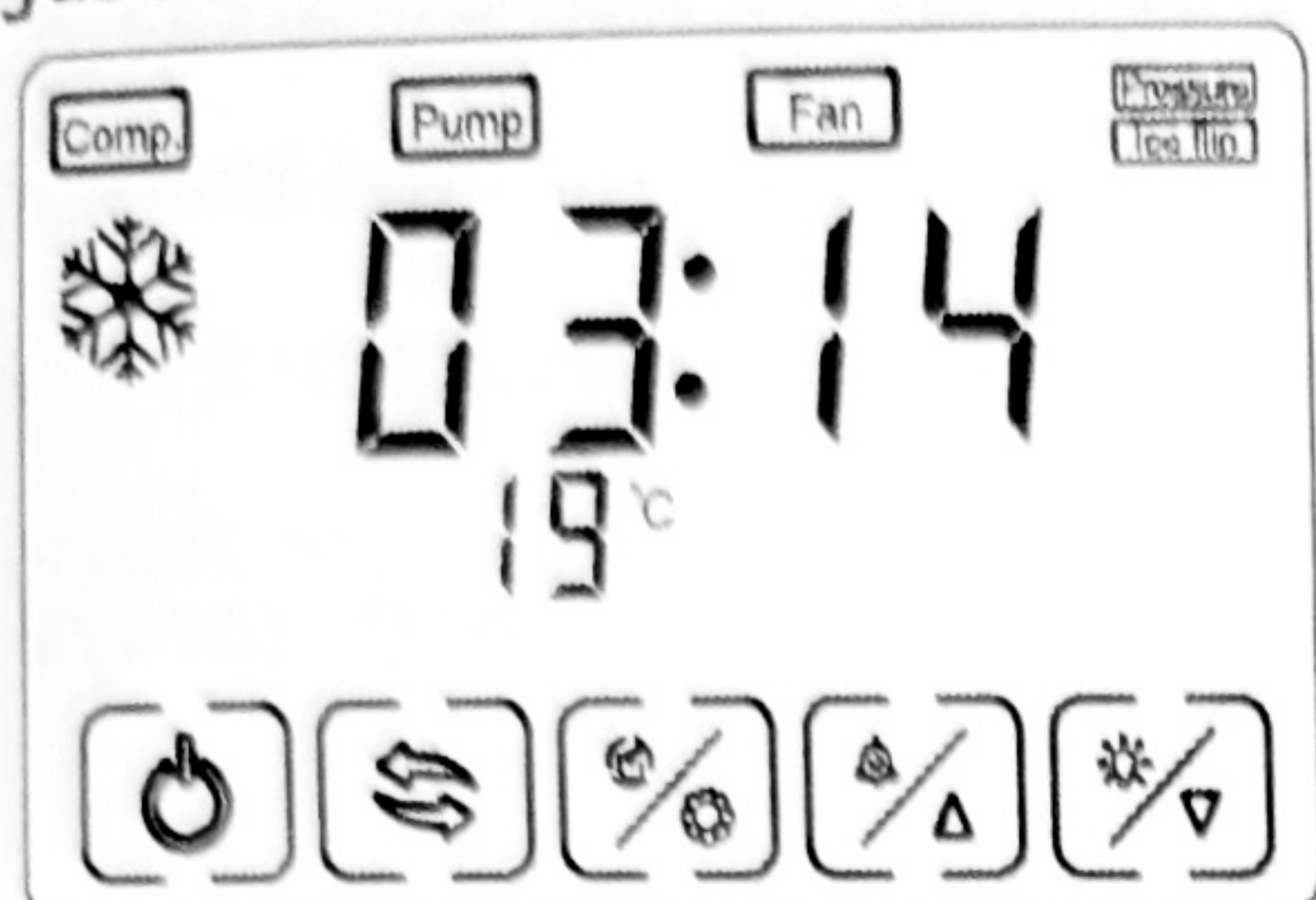
2. Press the button  the display will be that as showed, system starts to countdown.
3. The machine opens the water inlet valve and starts to feed water. During this process, water will overflow from the sink and wash away floating debris.
4. During this process, the user can unscrew the cap to empty the water in the sink and at the same time empty the sediment.
5. After the flushing program runs for 10 minutes, it switches to the power-on and water-in state. Then began the normal ice making process.



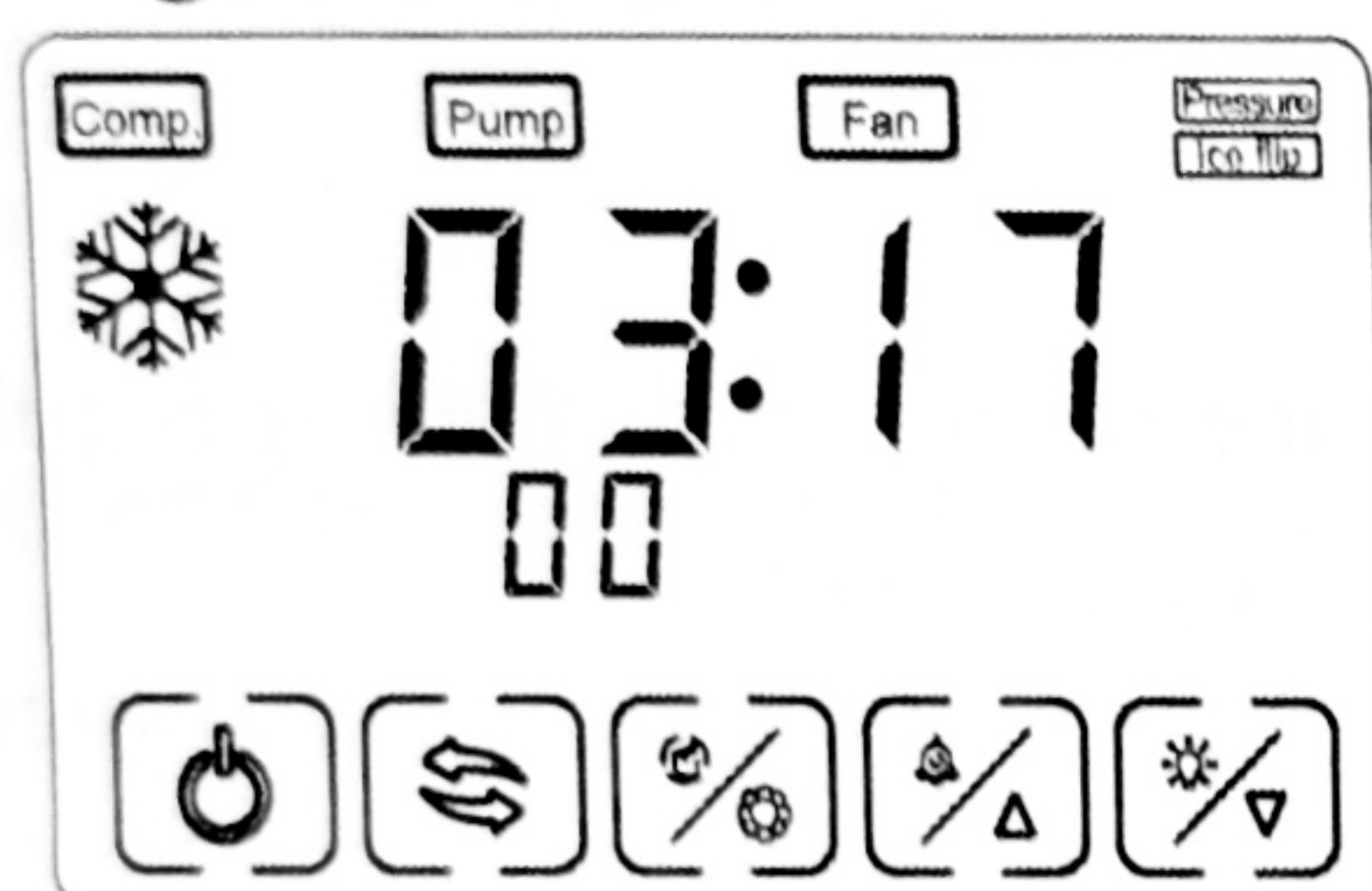
6. Water shortage
After rinsing, be sure to check whether the cap has been installed. If the cap is not installed, the machine will report a fault and shut down.

LCD Panel Functions Operation

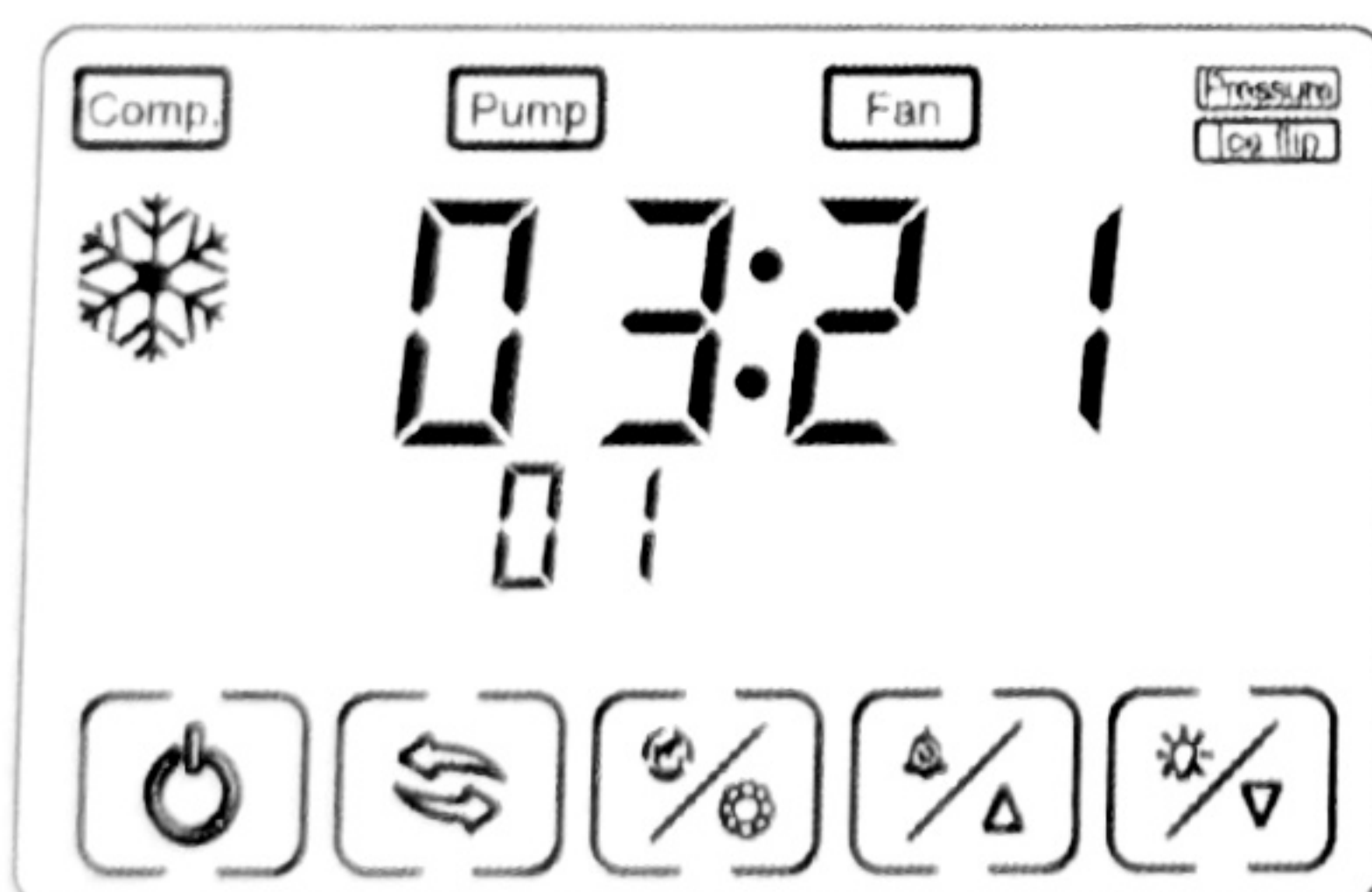
C.Adjust the thickness of ice block



1. Please make sure the machine being in the status of ice producing, the LCD screen displays content showed in above photo. Please unlock the screen by touching the icon "🔒"

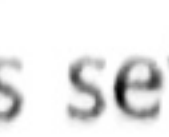


2. Press button , the position on the screen that indicates temperature will show "00" sparklingly.



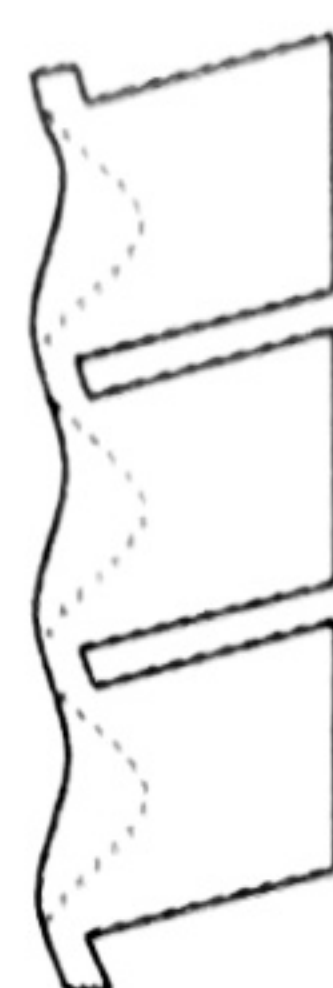
3. Press button , the thickness setup of ice block will be increased by 1 level, the maximum level is 20.



4. Press button , the thickness setup of ice block will decreased bby 1 letl, the minimum level is 19.

C.Adjust the thickness of ice block

5. After properly adjustment, please do not operate the screen. After a delay of 3 seconds, the program will be automatically saved and implement ice making progress.



Suitable
thickness
of ice



Ice cube
is too
thick



Ice cubes
are too
thin

6. The ice cube thickness will be various according to different ambient temperatures. Provided the thickness. If the thickness changes too much, then adjust the relevant ice thickness. In general, it is not recommended to adjust it arbitrarily.
7. The adjust value range of ice cube thickness should too wide. Generally, it can solve most issues by adjusting within 4 values.
8. After the adjustment, please make a few plates of ice and observe it.

General Precautions

1. This appliance is suitable for catering applications, such as kitchen areas in shops, offices, or other workplaces; farms, hotels, motor hotels, residential environments, family hotel environments, catering, and similar non-retail applications.
2. Do not store hazardous chemicals such as organic solvents and sprays in the appliance.
3. The machine installation failures must be replaced and repaired by the manufacturer or professionals.
4. When transporting and moving the position, the tilt of the ice machine must not exceed 45 degrees.
5. Please use an independent water source for the ice maker, and check it regularly to prevent low water pressure, fluctuations, or clogging of the filter.
6. Do not store any debris in the ice storage room, let alone freeze or ice any food in the ice storage room, and keep the ice shovel clean
7. When opening and closing the plastic door of the ice storage bin, please open and close it gently & do not hit the door. After taking the ice, please close the sliding door of the ice storage bin.
8. The ice machine should be far away from heat sources, and it is strictly forbidden to use it in high or low-temperature environments. Avoid direct sunlight as much as possible to avoid affecting the heat dissipation of the machine
9. For appliances with removable hose assemblies connected to the water source, the new hose assemblies included with the appliance should be used, and old hose assemblies cannot be reused.
10. It is forbidden to directly pour water to rinse the surface of the ice machine, otherwise, it may cause short circuits, surges, and other faults.
11. After the ice maker has been used for a period of time if it is left unused for a long time, it should be powered on for 4 to 6 hours every two months.
12. If this appliance needs to be disposed of, it should be disassembled and classified.

The metal part and the plastic part can be recycled and processed; the adiabatic foaming agent is a non-flammable combustible material, which must be disassembled according to the local combustible garbage classification and treatment method.

Issues Checked Fristly

Provided the machine is abnormal, please check and confirm the following issues firstly:

1. Whether the water source of the ice machine is normal and is powered on by loosening the ice-making water inlet (6 taps) which is on the back of the machine. When it is loosened to a certain extent, water will leak out. When it leaks for a long time, the water source is normal, otherwise, it means there is no water.
2. If the ice machine is powered on. The machine is fully automatic and does not require manual operation, so some models do not have a power switch. Please ask professional personnel to check whether the machine is powered on, and check the socket
3. Inform us the model series No. on the nameplate

Trouble Shootings

			Possible Cause	Solution
LCD Panel	Falut	Falut		
 Ice Flip	Ice Full Switch	1. 5 seconds before power-on, the de-icing plate will disengage more than 3 seconds; 2. The ice removal plate is not reset within 40 seconds after ice removal; 3. The ice removal plate has not been reset for more than 4 minutes during ice making;	1. De-icing plate is missing or misplaced; 2. Excessive scale causes magnetic induction failure; 3. Ice full switch damaged;	1. Reset the De-icing plate; 2. Using descaling agents to clean the machine; 3. Replace the ice full switch;
 Freezer overtime	Ice making Timeout	10 consecutive ice making times exceed 40 minutes	1. The ambient temperature is too high; 2. The cooling effect of the condensing system is poor; 3. Leakage of refrigeration system;	1. Improve environmental ventilation ; 2. Clean the Clean the dust net & condenser; 3. Contact after-sales service;
 Harvest overtime	Deicing Timeout	Overtime deicing failure 3 consecutive deicing times exceed 5 minutes	1. The ice cubes are set too thin; 2. The ice cubes are set too thick; 3. The ambient temperature is too low; 4. De-icing solenoid valve malfunction;	1. Adjust the ice cubes to the appropriate thickness; 2. Adjust the ice cubes to the appropriate thickness; 3. Place the machine in a relatively warm environment; 4. Contact after-sales service;
 High Temp.	High Temperature Shutdown	High temperature failure Condensing temperature exceeds 154.4°F	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 ; 2. Clean the Clean the dust net & condenser; 3. Contact after-sales service;
 Water Pressure	Water Shortage Shutdown	The water intake process does not reach the specified water level for more than 5 minutes	1. No water supply; 2. The water supply pressure is too low; 3. Water tank leakage; 4. Water level sensor malfunction; 5. Inlet valve malfunction;	1. Check if the water source or filter is blocked; 2. Check the water supply pressure; 3. Check if the bottle cap is at the bottom of the sink and has been tightened; 4. Check if the float is stuck; 5. Contact after-sales service;
 Condenser Sensor	Condensation Probe	Condensing temperature sensor open circuit fault		
		Condensing temperature sensor short circuit fault		
 Evaporator Sensor	Evaporation Probe	Evaporation temperature sensor open circuit fault	1. The sensor is damaged; 2. Cable/connector problem;	1. Contact after-sales/video guidance/confirm the point of failure;
		Evaporation temperature sensor short circuit fault		