

Popsicle

Machine

Operation

Manual

Dear customer:

Thank you for choosing our popsicle machine, hope this machine suits your need. Before operation, please read the instruction manual thoroughly. Also please keep your instructions for further purpose.

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I. Usage of our machine

Our popsicle machine, the appearance of fine, safe and reliable. Stainless steel shell, luxurious and easy to clean. With high-quality compressor and microcomputer controller, the machine is mainly used for making popsicles, widely used in cold drinks chain stores, bars, restaurants and other entertainment.

II. Technical data (see rating label on machine)

III. Installation

- 1) According to the packing list, check parts kit and the whole machine.
- 2) Place the machine in a ventilated and dry location to ensure that the wind gates on each side of the machine are at a distance of 500mm above the wall cargo

barrier.

- 3) Connect the power supply with reliable grounding as required on machine's rating label.
- 4) Put the calcium chloride solution as refrigerant into the machine tank.

Refrigerant formulation:

Model		BBJ-1A	BBJ-2A	Solution temperature
Solution amount and temperature		23.5kg	50kg	-28°C
Calcium chloride	Water proportion (74%)	17.4kg	37kg	-31°C
	Calcium chloride proportion (26%)	6.1kg	13kg	
Calcium chloride	Water proportion (77%)	18.1kg	38.5kg	-21°C
	Calcium chloride proportion (23%)	5.4kg	11.5kg	

Please noted:

- ① The solution concentration may be reduced with long time use, the way is to add calcium chloride material, but pay attention: the optimal proportion of water and

calcium chloride is 1.24, the Baume degree is 28.0;

- ② Try not to use sodium chloride solution, which cannot meet the requirements of the machine use and achieve the best cooling effect.
- ③ The configured solution should be placed in the normal environment for 24h. When the solution is fully dissolved and reach the same temperature as the room, it is better to use a filter to remove the inside precipitate.

5) Microcomputer controller setting:

Item	Data	Note
Maximum temperature setting	-22°C	Starting up temperature
Minimum temperature setting	-25°C	Shutdown temperature
Compressor delay start time	3min	The compressor will delay refrigeration when turn on the machine

Note: These parameters have been set before leaving the factory,

please do not change.

IV. How to use

1. Clean up: Before making popsicle, use water to clean the popsicle module.
2. Prepare the popsicle material
 - a) In order to make your popsicle flavor better, taste better, it is recommended to use ice lolly power or slurry and follow the instructions on the packing bag to adjust.
 - b) Here to recommend a common economic popsicle

formula:

Material	Milk powder	White sugar	Water	Others
Mass ratio	1	1	10	Appropriate amount

3. Operation
 - a) Plug in, then turn on the power switch to the”

- ”position, the pump motor in tank starts to work; Microcomputer controller will show current temperature and LED will flash. After 3 mins, the compressor starts working and the temperature in cooling tank will reach -18°C ; The machine will restart when the temperature gets higher.
- b) Put the slurry into the popsicle module (slurry should not be over the 3/4 line), and add the sticks to the draft device. Then put the popsicle module to the freezing cylinder, cover the lid, let the machine work 20-40 mins.
- c) After the popsicles are ready, remove the entire popsicle module and immerse it in the water for 2-5 mins; Remove the draft device, take out the popsicles.

V. Precautions

- 1) During moving machine, the inclination does not allow more than 45 degrees.
- 2) Power supply voltage requirements of the rated voltage, there must be a reliable grounding; No sharing the same socket with other electrical appliances.
- 3) Out of the wind side should be enough to stay more than 500mm space to ensure that the machine heat.
- 4) When the machine is covered with a lid, avoid pushing the hand into the bucket.
- 5) The machine should be unplugged after each use of power; after washing with a towel dry, the appearance can be wiped with a wet towel, also should not be washed directly with water.

VI. Troubleshooting

Problem	Possible cause	Solution
Machine no work	1.Power or voltage unstable	1.Voltage stabilizer
	2.No electricity connected	2.Re-plug in
Frequently shut down	1. Power or voltage unstable	1. Voltage stabilizer
	2.Wind gates blocked	2.500mm at least to wind gates
	3.Environmental temp too hot	3.Change location of machine
	4.Compressor capacity damaged	4.Replace capacity
Too noisy	1.Machine on a bumpy surface	1.Place machine on a flat surface
	2.Parts on machine loosen	2.Adjust parts and tighten them

VII. Packing list

No.	Item	BBJ-1A	BBJ-2A
1	Popsicle machine	1set	1set
2	Popsicle Mold	1set	2 sets
3	Sticker holder	1pc	2 pcs
4	Operation Manual	1pc	1pc
5	QC pass	1pc	1pc