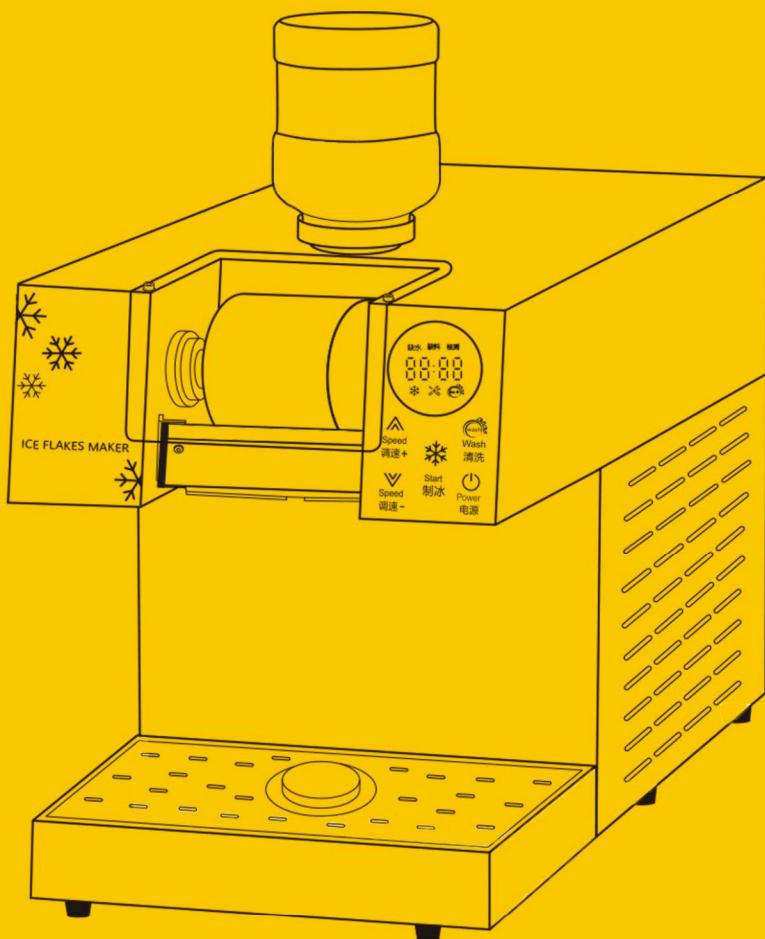




VESTIVIUM



Snowflake Ice Machine

User Manual

For any inquiries or issues, our dedicated customer support team is available 24/7 to assist you with timely and professional service.

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Wide Range of Materials

Various snowflake ice can be made from water,milk,juice, coffee, etc.

Easy to Operate, Suitable for Public

Touch key panel.

Use LED light tempered glass display,simple and beautiful. The body is made of stainless steel,strong and durable.

Cooling Method

Liquid Cooling (24-hour non-stop operation)

Air Cooling (Plug and play, can move at any time)

24H Ice Production

180 kg

250 kg

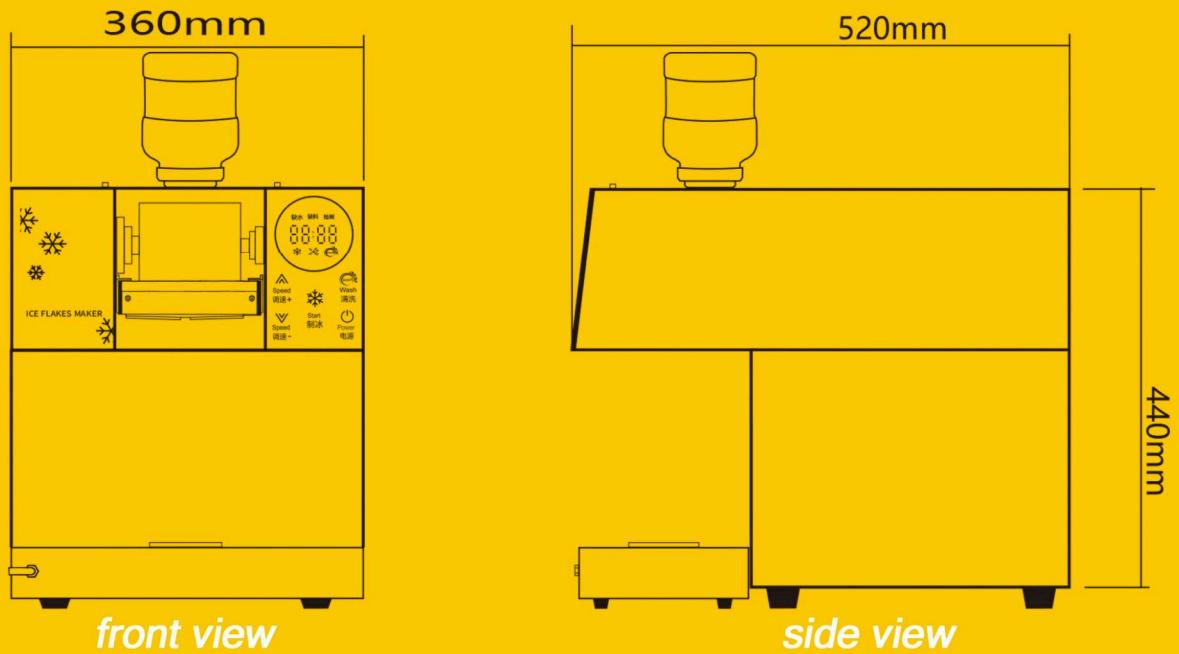
300 kg

320 kg

380 kg

420 kg

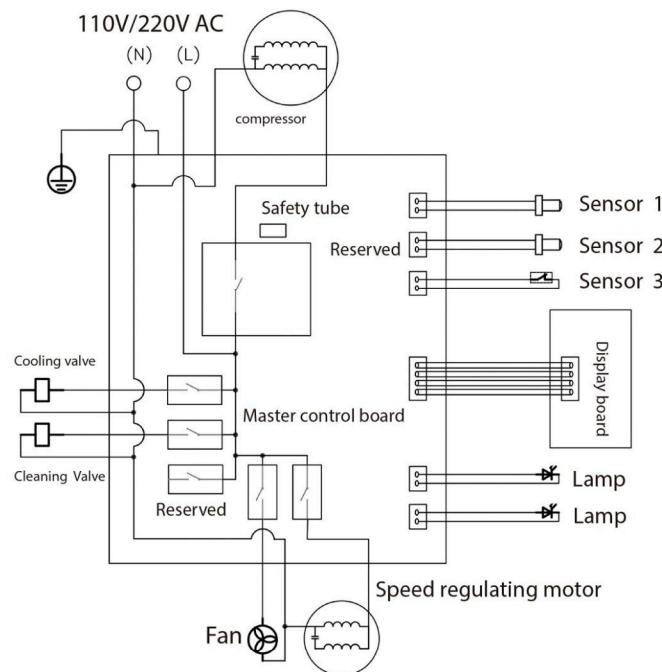
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Safety Instructions for Use

- 1. Ensure that the power outlet has secure contact and is not loose. It is essential to verify that the outlet is properly grounded!**
The refrigeration compressor is highly sensitive to voltage fluctuations. The standard operating voltage in US is 110V, 60Hz. Please ensure the equipment operates within the specified voltage and frequency range.
Mismatched voltage or frequency may cause damage to the machine! Select the correct model according to the voltage and frequency standards of your country or region.
- 2. Use a dedicated fixed outlet only. Power extension boards are prohibited.**
- 3. Never plug or unplug the power cord with wet hands, as this may result in electric shock or injury.**
- 4. If exposed wires are found to be damaged, immediately stop using the device. Disconnect the power supply, and have them replaced by a certified electrician or securely wrapped with electrical tape before reuse.**
- 5. In case of equipment malfunction, contact our service for guided repairs. Unauthorized disassembly by non-professionals is strictly prohibited, as it may lead to safety hazards.**
- 6. This product is professional equipment. Do not allow children or customers to operate it.**

Main Unit Insertion Circuit Schematic



Cleaning Instructions

1. Remove the material bottle from the round hole on top of the machine and clean it separately.
2. (Liquid Cooling Models) Press the Cleaning button to initiate automatic cleaning of the drum and blades. Each press triggers a 2-minute cleaning cycle. You may press the button multiple times for thorough cleaning or stop early by pressing it again.
3. If water pressure is too low, insufficient water flow may result in incomplete blade cleaning, requiring manual cleaning.
4. Remove the material tray separately for cleaning. (Refer to the User Manual for installation/removal instructions.)
5. (Air Cooling Models) Press the Cleaning button and manually pour water to clean the drum and blades.
6. After cleaning, the UV lamp will illuminate for 8 minutes and then turn off automatically (available on select models).

Post-Ice-Making Precautions

1. After ice production is complete, unplug the power cord by gripping the plug—do not pull on the cord itself.
2. Regularly clean the power plug to prevent poor electrical contact.
3. Always turn off the water supply valve after ice-making ends.

Machine Maintenance Guidelines

1. After machine shutdown, residual liquids left in the system may develop odors due to prolonged exposure to air. Cleaning should be performed as needed, depending on factors such as liquid composition, ambient temperature, and duration of inactivity.
2. For extended non-use periods of the snow ice machine:
 - Thoroughly clean the drum and material tray blades
 - Disconnect the power plug
 - Shut off the cooling water supply
 - Store the unit in a dry, well-ventilated environment

Pre-Installation Precautions

- 1. Do not power on the machine immediately after transportation or relocation!**
- 2. Before initial use, the machine must remain upright and stationary for at least 8 hours to allow system stabilization. Powering on prematurely may cause damage!**

Operating Environment Requirements

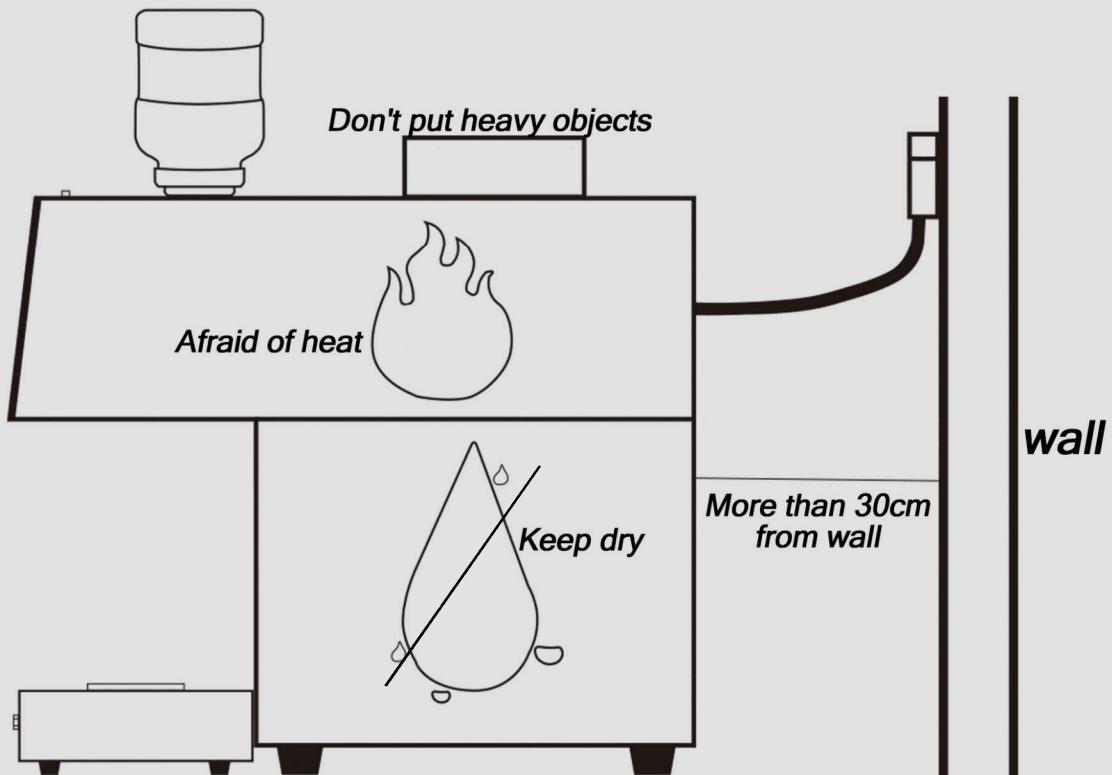
1. Storage & Placement:

- Keep the machine in a dry, well-ventilated area, away from heat sources.
- Always place the unit horizontally level.

2. Do not stack heavy objects on top of the machine.

3. Ventilation & Clearance:

- Ensure adequate airflow around the machine.
- Maintain 30cm (12 inches) of clearance from walls, especially at the rear, for proper heat dissipation and ice production efficiency.



Storage and Transportation Guidelines

During all handling and storage operations, the machine must remain upright in its vertical position at all times.

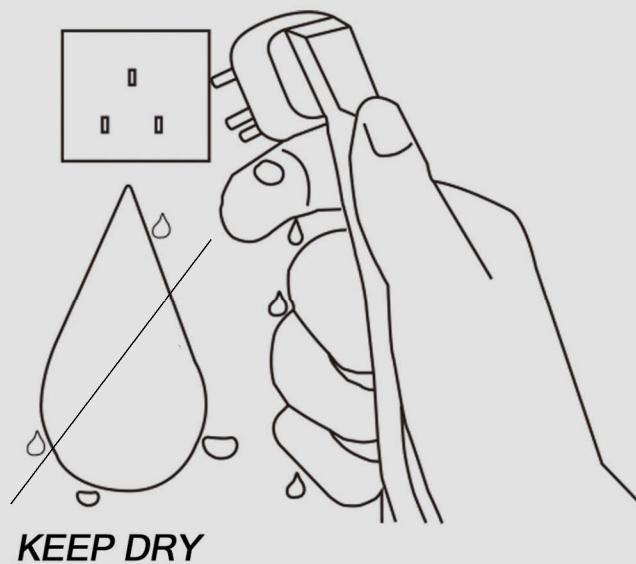
- Tilting is prohibited
- Rolling is strictly forbidden
- Inverted placement is not allowed

Note: Compliance ensures internal component integrity and prevents operational failures.

Installation warnings and precautions

During use, please focus on safety precautions and use common sense of life to operate cautiously. The company will not be responsible for losses caused by improper use or erroneous operation. Disregarding safety precautions may lead to personal harm or injury!

1. *Do not directly rinse the machine housing (except for the drum, blades, and material tray) to avoid short circuits or electric shock hazards.*
2. *Always secure the protective cover before operation. Keep fingers and body parts away from moving drums and blades to prevent injuries.*
3. *Never pull the power cord of the snow ice machine, as this may damage the cord and create electrical leakage risks.*
4. *Always disconnect power and unplug the machine before moving, cleaning, or performing maintenance.*
5. *In case of malfunction: Immediately power off the unit, discontinue use, and contact manufacturer's after-sales service.*
6. *Do not allow children, elderly, or persons with reduced physical abilities to operate the machine to prevent accidents.*
7. *Never strike the drum with hard or sharp objects.*
8. *Do not place heavy items on the machine.*
9. *Keep corrosive, flammable, or explosive materials away from the machine.*
10. *Avoid using in wet or rainy conditions to prevent electric shock or fire hazards.*
11. *Never handle the power plug with wet hands to avoid electric shock.*



Fault Diagnosis

Fault Code	Liquid Cooling: Solutions
E01 Water Shortage	<p>1. Check if the water circuit switch remains in the water intake state and turn on the water inlet switch.</p> <p>2. Check drainage to ensure smooth drainage. Water must discharge when starting the machine.</p> <p>3. Do not flatten or bend the inlet and outlet water pipes.</p> <p>4. Check if the drainage volume is too small or absent. Use pressure boosting or volume increase to ensure cooling water supply.</p> <p>5. Check if the machine's peripheral heat dissipation is effective. Keep it away from heat sources and ensure proper ventilation around the machine without obstruction (for air-cooled models).</p>
E02 Material Shortage	<p>1. Check if the material liquid flows from the bottle, and replenish the liquid or dilute the viscous liquid if needed.</p> <p>2. If material liquid flows normally but a material shortage alarm occurs, reset the parameters or contact factory after-sales personnel.</p>
E03 Detection	<p>1. Water shortage or material deficiency fault</p> <p>2. Possible detection of poor ice production.</p>

Analysis of Defects in Ice Making

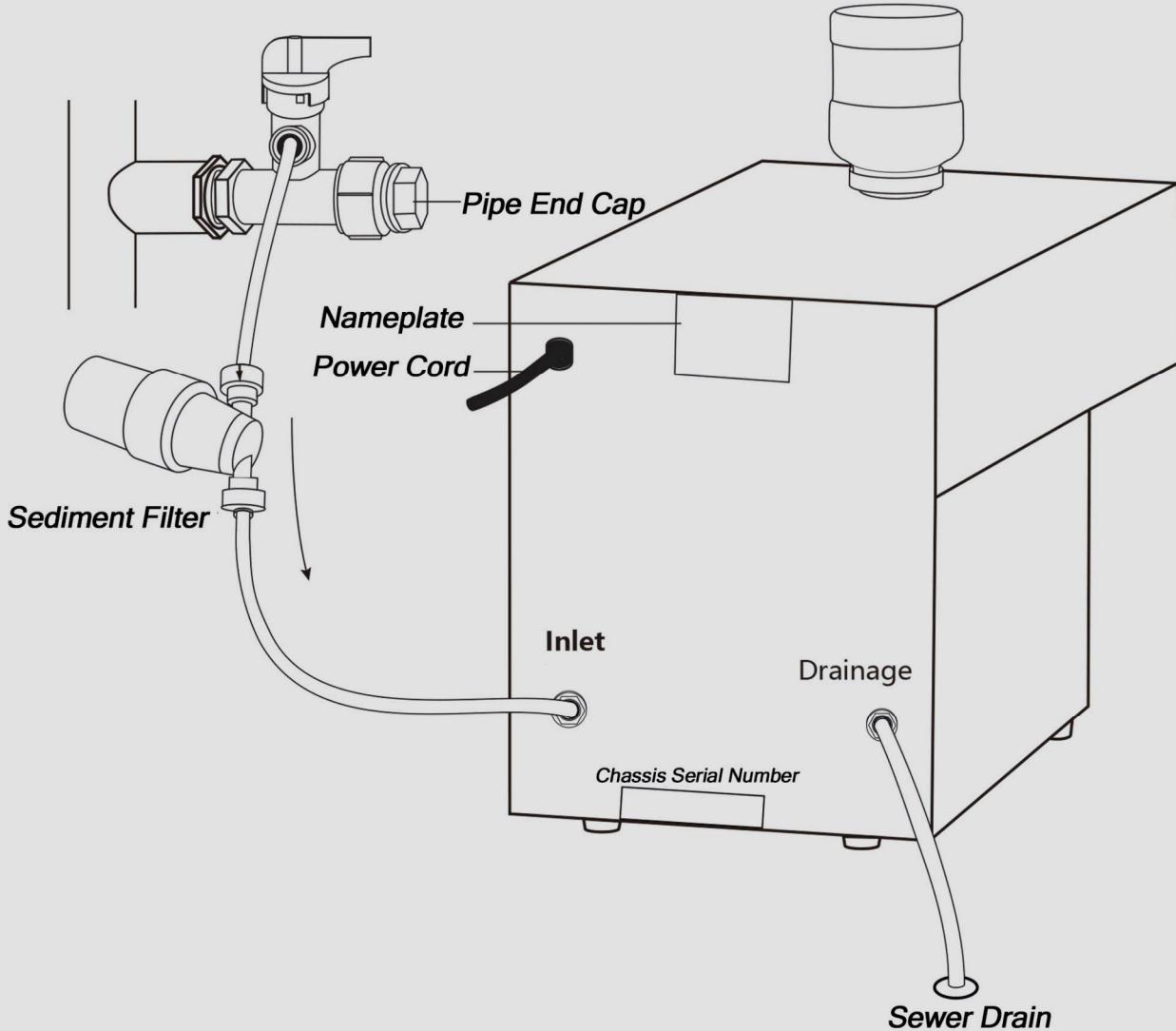
Performance	Solution
Slow Ice Making Speed	<p>1. Slow startup during the first daily operation is normal, as the refrigeration system requires a precooling process.</p> <p>2. Check and eliminate potential causes such as excessive ambient temperature or poor heat dissipation.</p> <p>3. If prolonged slow ice production persists, please contact our after-sales department.</p>
Insufficient Freezing	<p>1. Adjust the rotation speed to reduce operating velocity.</p> <p>2. Conduct ice production test using clean water.</p> <p>3. Dilute the liquid material - excessive sugar content or high viscosity may be causing the issue.</p> <p>4. Check the machine's operating environment to ensure sufficient cooling water, proper heat dissipation, and keep away from heat sources.</p>
Drum Runs Without Freezing	<p>1. Wait 1-2 hours before restarting, as protection program may have been triggered.</p> <p>2. Please contact our after-sales service.</p>
Ice Breaks Away in Blocks	<p>1. Caused by liquid material properties. Typically occurs with pure water freezing. Changing to other liquids or adding thickeners like sugar/milk may improve results.</p> <p>2. Clean the drum and run empty for two minutes before adding material.</p> <p>3. Adjust rotation speed to maximum.</p> <p>4. Brittle ice surface caused by excessively low freezing temperature - this is normal.</p>

Installation Method

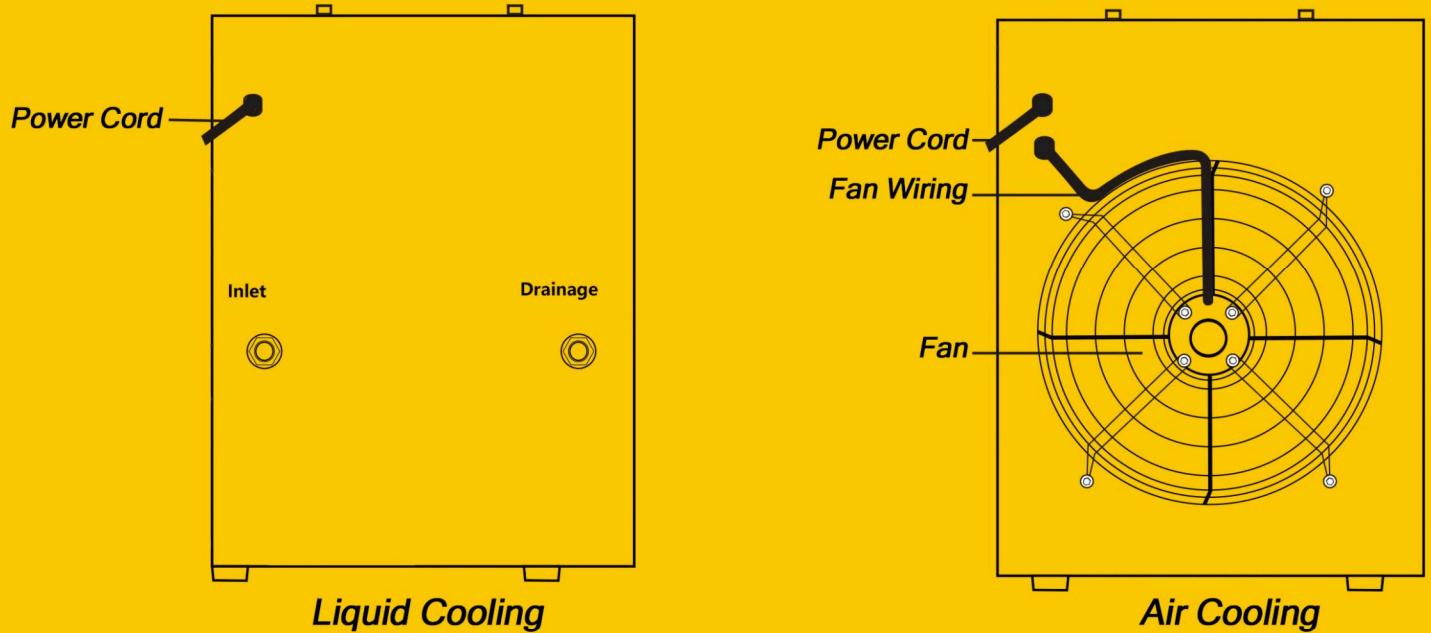
Before connecting water pipe, turn off water supply first. After connecting pipe, then plug in power. (Liquid Cooling Models)

1. Place the machine on a dry, solid work surface. Unstable or uneven surfaces may cause excessive vibration, noise, and liquid spillage from the tray.
2. Install the water pipe adapter to the tap water interface or corner. When installing separately, use a plug to seal the other end (as shown in diagram).
3. Cut the pipe into two sections (inlet and outlet pipes) according to on-site distance requirements. Ensure cut ends are smooth.
4. The inlet pipe has a small filter installed. Note: Water flow direction must match the inlet arrow marked on the filter (as shown in diagram).
5. Inlet pipe connection:
 - Insert one end of pipe into the adapter, and the other end firmly into the "Water Inlet" port on machine back until hearing a click. Use standard municipal tap water only.
 - Note: Adequate water pressure is required. Do not use bottled water or overheated drinking water, as insufficient pressure/flow will trigger low-water alarm and shutdown.
6. Outlet pipe connection:
 - Insert one end of pipe into the "Drain" port on machine back, and the other end into drainage.
 - Note: Drainage water (slightly warm) is only for cooling and can be reused for washing or secondary purposes.
7. Material tray installation method:
 - Move the two hanging posts below the machine drum outward (as shown in diagram).
 - Insert the tray with its drainage slope facing outward, then move hanging posts toward drum center to lock tray in place. Reverse steps for removal.

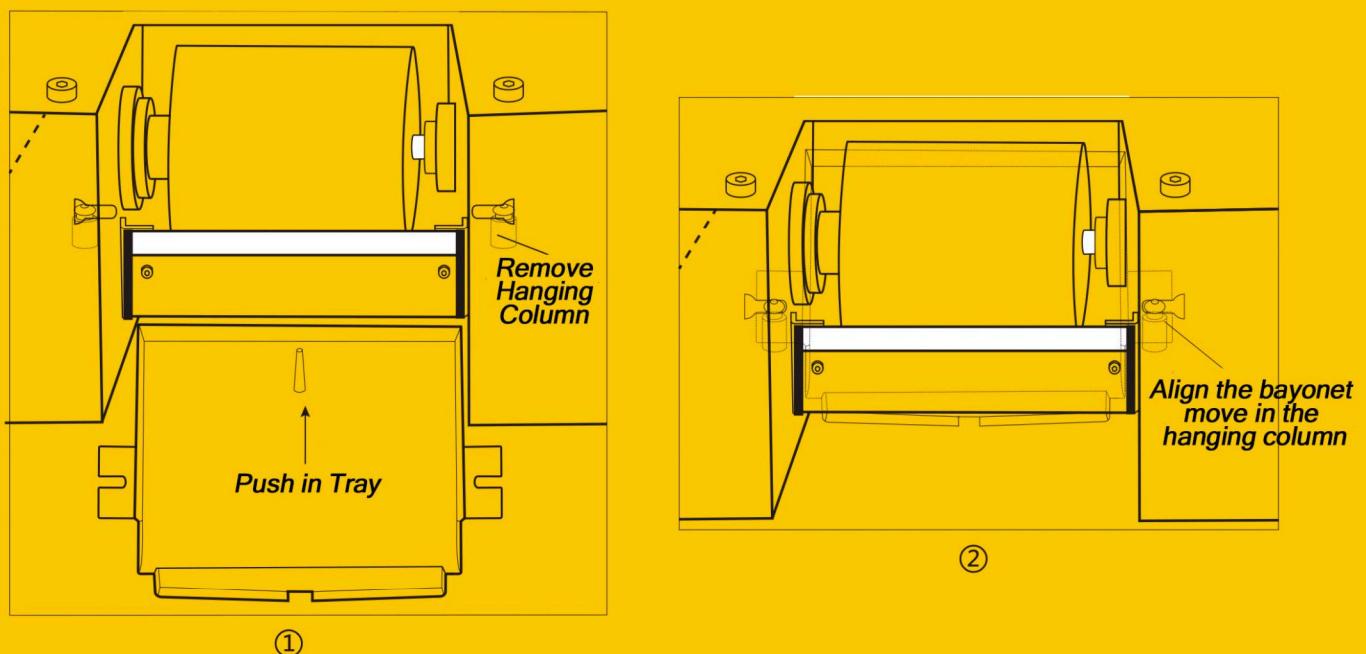
Installation Diagram



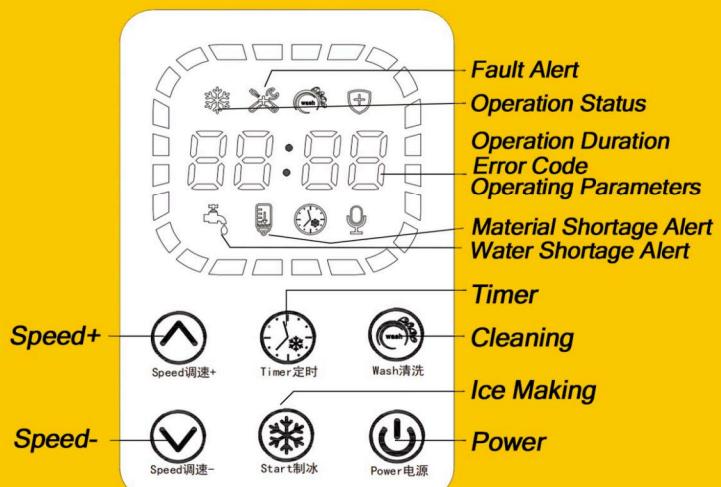
Back Diagram



Installation Diagram



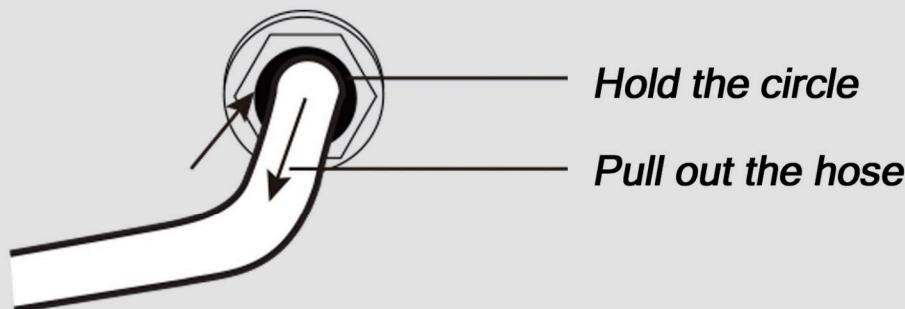
Operation Panel

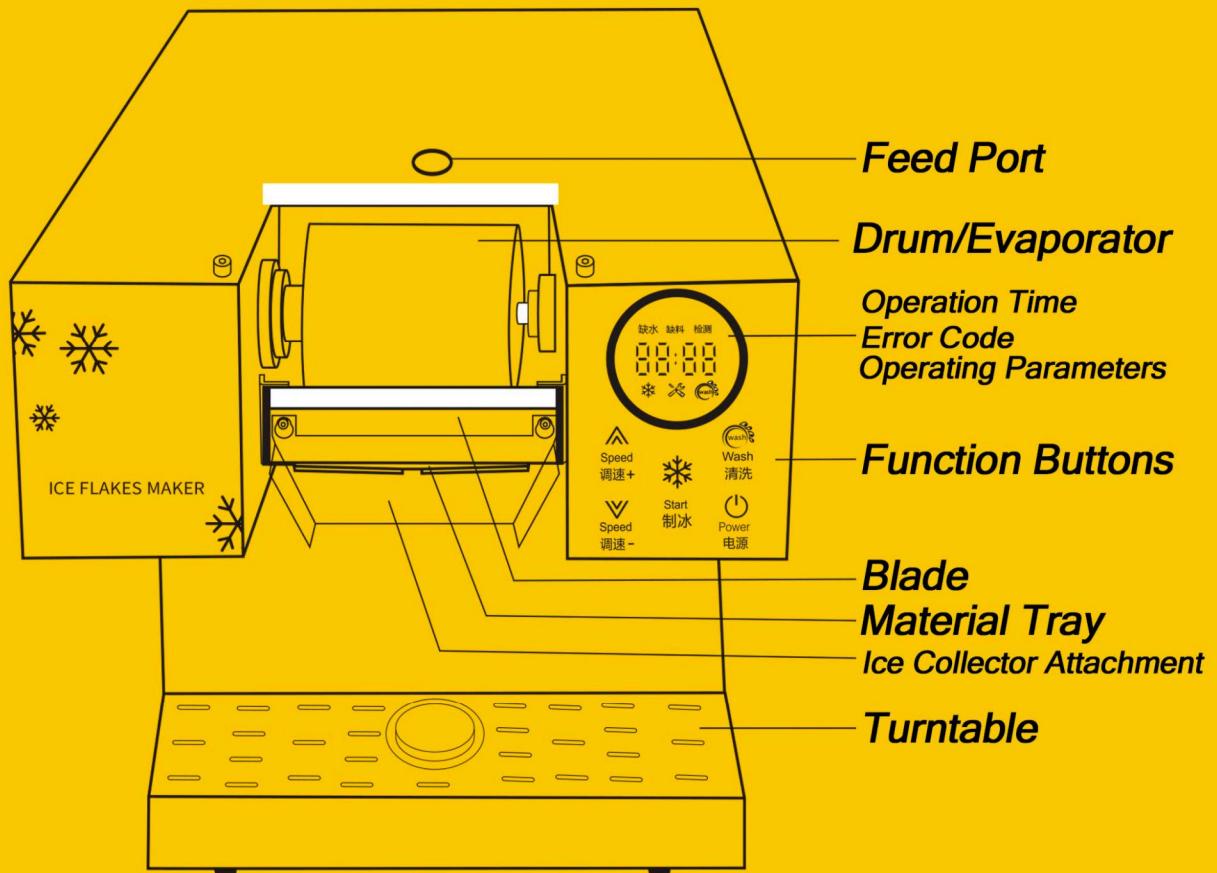


Operating Instructions

Important Note: During operation, keep both inlet and outlet water pipes fully open and unobstructed. Ensure pipes are not flattened or bent, otherwise the machine will trigger an alarm and automatically shut down due to water shortage.

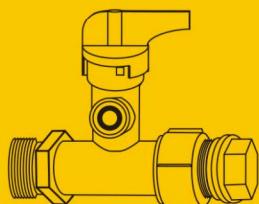
1. Turn on the water supply switch and connect the power.
2. Press the Power button  , then press the Wash button  . The machine will automatically clean the drum and blades for 2 minutes. Place a water collection basin directly under the drum during cleaning to avoid wetting the work surface. Skip this step if cleaning has already been performed.
3. Ensure the material tray below the drum is properly installed and close the transparent protective cover. Fill the material bottle with prepared liquid, tighten the cap, and invert it into the machine's feed port. (The cap contains a sealing ring. If the ring is damaged or the cap isn't tightly sealed, causing material overflow, replace the sealing ring or adjust the installation by tightening the cap.)
4. After cleaning, press the Power button  , then press the Ice Making button  . The machine will begin ice production. During initial startup, ice flakes will be scraped out after about 1 minute. Hot water will discharge from the drainage pipe once ice making begins.
5. Use the Speed   buttons to adjust drum rotation speed. Different speeds produce slightly different snow ice textures. The speed setting has memory function and will resume the last setting upon restart.
6. The material bottle enables automatic feeding. The machine will alarm and shut down automatically when material is low. Avoid using overly viscous liquids or those containing large solid particles, as they may clog and prevent ice production.
7. Install the ice collector on the two nuts above the blades when using small-opening containers to collect ice flakes.
8. For making small amounts of ice frequently and changing flavors, you can use the bottle cap as a funnel to pour the liquid directly by hand. When alternating between two flavors, you only need to clean the funnel and material tray, then reinstall them skillfully to continue ice-making without cleaning the drum. Manual over-pouring may cause material tray overflow.
9. After completing ice-making, press the power button  to turn off the machine. The drum will stop rotating after a 15-second delay, and the cooling water switch will automatically turn off after 90 seconds.
10. After use, unplug the power cord and turn off the machine's cooling water inlet switch.
11. For cleaning, refer to the cleaning method. The material tray and funnel (material bottle) need to be manually cleaned before installation.
12. To replace or remove water pipes, press the ring in contact with the pipe with your fingernail while pulling out the pipe (as shown in the diagram).



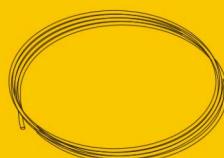


Accessories

Liquid Cooling



Water Tap Adapter ×1



Hose 5m

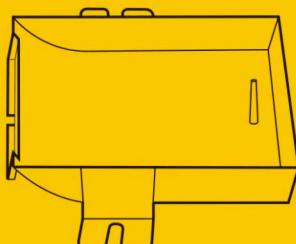


Sediment Filter ×1



Sealing Tape ×1

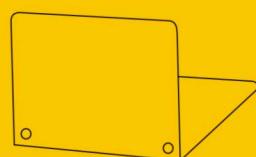
Liquid Cooling and Air Cooling Common



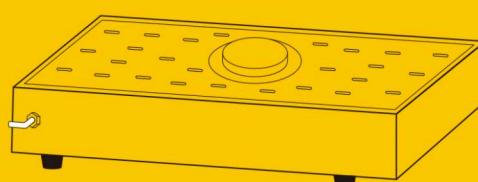
Material Tray ×1



Adjustable
Ice Collector
Attachment ×1



Transparent
Dust Cover ×1



Turntable



Liquid Material Bottle ×1



Production of Different Ice Shapes

1. **Ice-making principle of the machine:** Only completes physical changes. The drum (evaporator) adheres the liquid material from the tray, solidifies it into ice instantly during one rotation, then scrapes it off at the blade to complete ice-making.

2. **Different liquid materials produce different ice shapes due to varying viscosity and internal composition, especially differences in intermolecular forces within the liquid.**

3. Thinner liquids produce finer ice particles, while thicker liquids produce larger flakes or more obvious strips.

4. Liquids containing syrup or edible gums produce longer strips when scraped into ice.

5. Most liquids are suitable for ice-making, but some materials like those with excessive sugar content are unsuitable.

6. Chunky or cracked ice results from excessively low refrigeration temperatures or using pure water - this is normal.

Solutions: Increase rotation speed or modify the liquid material (e.g., add milk or sugar).

7. Adjusting rotation speed changes the dwell time of liquid material on the ice surface, allowing subtle control over ice shape.

