ICEWAVE SHAVED ICE COLLECTION

SHAVED ICE MACHINE

USER MANUAL

Model | WS-003



SNOWFLAKE ICE

FINE SHAVINGS

WS-003

Read before first use.

ICEWAVE

WELCOME

A finer way to serve ice

This edition is dedicated to the ICEWAVE WS-003 Shaved Ice Machine.

MODEL LOCK

Model: WS-003. Use the WS-003 control panel, parameters, operating steps and maintenance instructions in this manual.

IN THIS MANUAL

01 Safety essentials

02 Parts and assembly

03 Control panel and settings

04 Preparing and making shaved ice

05 Cleaning and maintenance

06 Technical parameters

07 Malfunction treatment

08 Warranty instructions

PRODUCT SNAPSHOT

Model	Voltage	Power	Capacity
WS-003	220-240 V / 50 Hz	150 W	800 ml max

01 / SAFETY

Safety essentials

Read before connecting power, filling the tank or opening the cover.

WARNING

This appliance contains flammable R290 refrigerant. Keep it away from flames and have the refrigeration system serviced only by qualified personnel.

The WS-003 is a 220-240 V, 50 Hz European-version snowflake ice maker. Check the nameplate and use the correct grounded supply.

1. Keep the machine vertical during storage and transportation. Do not roll or invert it.
2. Keep the machine away from fire sources and do not stack heavy objects on top of it.
3. After transportation or moving, place the machine steadily and leave it upright for 12 hours before first use.
4. Use a dedicated, correctly grounded socket. Do not plug in or unplug with wet hands.
5. Make sure the supply is AC 220-240 V, 50 Hz. A mismatched voltage or frequency can damage the machine.
6. Do not use the machine if the power cord is damaged. Replacement must be performed by the manufacturer, service department or a qualified person.
7. Keep the power cord away from carpets, heat-insulating objects, walkways and water. Do not cover or immerse it.

01 / SAFETY

Ventilation, refrigerant and handling

Clear airflow protects the compressor and helps the machine work safely.

8. Do not use flammable items near the machine. Keep the room well ventilated during maintenance.
9. Keep the air outlet unobstructed and more than 20 cm away from surrounding objects.
10. Do not use mechanical equipment or other means to accelerate defrosting except those recommended by the manufacturer.
11. The insulation material contains cyclopentane and is flammable. Keep it away from fire; disposal should be handled by professionals.
12. The refrigeration system contains high-pressure refrigerant. Do not damage it and do not service it yourself.
13. Do not touch the drum evaporator while operating; the cold surface may cause frostbite.
14. Disconnect power before cleaning or repairing. Use the machine only under adult supervision when children are nearby.
15. Do not use flammable liquids to clean the machine. Do not tip it over; if it is tipped, return it upright and wait before powering on.

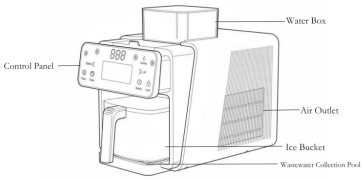
COVER SAFETY

Never open the transparent upper cover while the drum is running. Keep hands and objects away from the blades.

02 / STRUCTURE

Know the WS-003

The numbered view and part names below apply to the ICEWAVE WS-003 only.



PARTS AND PURPOSE

No.	Part / purpose
1	Liquid material tank / water box
2	Material tank cover with sealing ring
3	Transparent upper cover
4	Material inlet / feeding box
5	Air outlet
6	Drum blades
7	Shaved ice distributor
8	Wastewater collection pool / drainage pool
9	Shaved ice bowl
10	Control board

FILLING LIMIT

Fill the liquid material tank with material below 50 C (122 F). The maximum tank capacity is 800 ml.

03 / CONTROLS

One panel, precise control

Use the panel to cool, adjust shaved-ice speed, clean and set a timer.



Control	Function
Switch / Cooling	Press briefly to enter or stop cooling mode. Shaved ice begins after pre-cooling; use + and - to set speed.
Child Lock	Hold for 3 seconds to lock or unlock the control panel. A beep confirms the change.
Clean	Press briefly to enter or exit cleaning mode. Hold for 3 seconds to manage water-shortage detection.
Timer	Enter timer mode; set delayed start or automatic shut-off with + and - from 0H to 24H.
Up / Down	Adjust the cooling speed. The available speed range is P1 to P5.

SPEED RANGE

The Up and Down buttons select P1 to P5. Start with a lower speed when testing a new liquid material.

03 / CONTROLS

Main menu and settings

The display and indicator lights show the current mode and alerts.

MAIN MENU

- Power on to enter the main menu. If there is no operation for 3 minutes, the machine enters standby and only the Cooling button remains half bright. Press any function key to wake it.
- Cooling mode: press Cooling briefly. The button flashes, pre-cooling starts and shaved ice can be enjoyed about 1 minute later. Press Cooling again to stop; the machine stops about 30 seconds later.
- Cleaning mode: press Clean briefly to enter; the button flashes. Press Clean again to exit.

CHILD LOCK

Hold Child Lock for 3 seconds to lock the panel and hear a beep. Hold it for another 3 seconds to unlock; other buttons turn on again.

WATER SHORTAGE

The default detection mode is enabled. Add liquid material within 3 minutes after the indicator appears or the machine stops automatically. After filling, the indicator normally clears within 1 minute. Hold Clean for 3 seconds to disable or re-enable water-shortage detection.

03 / CONTROLS

Timer and delayed start

Timer settings can be used while the machine is in standby or running.

1. Press Timer briefly to enter Timer mode. The Timer indicator illuminates; press Timer again to exit.
2. Use Up and Down to select a time from 0H to 24H. After the setting remains unchanged for 3 seconds, the machine enters countdown mode and beeps once. A 0H setting exits Timer mode.
3. Delayed start: while the machine is in standby, press Timer and set 0-24 hours. When the countdown ends, the machine turns on automatically.
4. Automatic shut-off: while the machine is running, press Timer and set 0-24 hours. When the countdown ends, the machine powers off automatically.
5. Compressor protection: after switching off, wait at least 3 minutes before restarting. The program also prevents compressor restart for 3 minutes so refrigerant can return correctly.

DISPLAY NOTE

The Timer indicator turns red when Timer mode is active and turns off when Timer mode ends.



04 / OPERATION

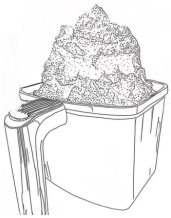
Make fine shaved ice

Prepare the liquid material, select a speed and keep the cover closed while the drum runs.

BEFORE STARTING

Use a well-mixed liquid material below 50 C (122 F). Do not exceed the 800 ml tank limit. For first use, let the drum idle for 1 minute before making snowflake ice.

1. Put the well-mixed liquid material into the liquid material tank.
2. Insert the tank into the material inlet above the machine and secure the cover.
3. Press the Cooling button on the control panel.
4. Use Up and Down to select the cooling speed from P1 to P5.
5. Place the shaved-ice bowl below the distributor and enjoy the shaved ice.



04 / OPERATION

Choose the material for the texture

Viscosity and sugar content affect the final shaved-ice shape and texture.

- High-viscosity materials such as honey, yogurt or syrup can form shaved-ice shapes.
- Liquid materials with added sugar can form filamentous shapes.
- Water or milk can form snowflake shapes.
- Different liquid materials may be replaced during ice making without cleaning the feeding device; the source instructions state that this does not mix or interfere with flavors. Clean promptly after use.

TEMPERATURE

For reliable production, operate when ambient temperature is below 32 C (89 F). Material temperature must not exceed 50 C (122 F).



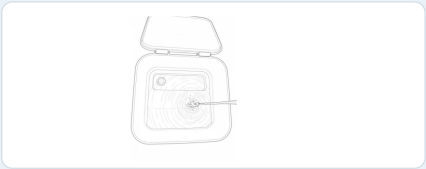
Keep hands and objects away from the drum blades.

05 / MAINTENANCE

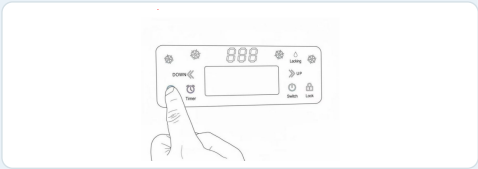
Clean the machine safely

A clean drum and feeding path protect the texture, flavor and service life.

1. Remove the liquid material tank and clean it directly with clean water.
2. Open the transparent upper cover and pour warm water into the drainage pool. Keep the water below the highest point of the pool edge. Water must not exceed 50 C (122 F).
3. Close the transparent upper cover and press Clean to start the cleaning mode.
4. The machine completes the cleaning cycle automatically with a beep and returns to the main menu.
5. After the cycle stops, rinse the drum evaporator with warm water again. Use the brush supplied with the machine if necessary.



1 / Open cover and drain



2 / Press Clean

05 / MAINTENANCE

Storage and maintenance notes

Finish every cleaning cycle before storing the WS-003.

DO NOT OPEN WHILE RUNNING

Do not open the transparent cover while the machine is running. The drum blades can cause injury.

- After the machine stops, residual liquid materials may deteriorate if exposed to air. Clean promptly according to the material and usage environment.
- For long-term storage, dry the surface, pack the machine well and store it in a dry environment.
- Do not pour water hotter than 50 C (122 F) directly into the machine. Hot water may overload the compressor and damage the machine.
- Keep the air outlet clear and maintain more than 20 cm around it. Do not use flammable liquids for cleaning.
- If the shaved ice distributor is removed, handle it carefully because the blade is sharp. Remove it only when necessary.
- The drainage pool collects wastewater and ice during cleaning. Remove it to empty excess water or ice when needed.

AFTER-SALES SERVICE

Do not open the refrigeration system or electrical housing. Contact an authorized service provider for leaks, blockages, damaged cords or repeated faults.

06 / TECHNICAL

Technical parameters

These values are for the ICEWAVE WS-003 European version only.

Parameter	WS-003 value
Product name	ICEWAVE Shaved Ice Machine
Product category	Household snowflake ice maker
Model	WS-003
Ice types	Snowflake-shaped or filamentous
Cooling mode	Forced-air cooling
Evaporator	Drum roller
Product dimensions	375 x 235 x 255 mm
Net weight	8.8 kg
Rated power	150 W
Rated voltage	AC 110–120V / 220–240V, 50/60Hz
Refrigerant	R290
Material tank capacity	800 ml maximum

REFRIGERANT

R290 is flammable. Keep the refrigeration circuit intact and have service performed only by qualified personnel.

07 / SERVICE

Malfunction treatment

If the suggested handling does not solve the issue, stop using the machine and contact authorized service.

Symptom	Possible reason	Solution
Water shortage indicator is on	Water shortage or water-shortage detection failure	Add liquid material to the material box. If the alert remains, contact authorized service.
Malfunction indicator is on	Drum surface temperature is too low; blades cannot cut and the motor stalls	The protection device may stop the machine. Wait 5 minutes or clean the drum with warm water, then retry.
Cooling is normal but no shaved ice is produced	Ambient temperature is too high or liquid material is too warm	Operate below 32 C (89 F). Use liquid material at or below 50 C (122 F).
Cooling is normal but no shaved ice is produced	Liquid material is too viscous	Dilute or adjust the material appropriately. High-viscosity materials produce different shapes and may need a slower speed.
Cooling is normal but no shaved ice is produced	Refrigeration system leak or blockage	Stop using the machine and contact qualified after-sales service. Do not open the refrigeration system.

STOP AND UNPLUG

Disconnect power before inspection or cleaning. Do not open the refrigeration system, remove sharp blades or repair electrical parts yourself.

08 / WARRANTY

Keep your product record

Complete the model and purchase details before requesting service.

Field	Record
Product model	WS-003
Product ID	
Purchase date	
Customer name	
Contact number	

WARRANTY INSTRUCTIONS

- For household use only, the product is covered for 12 months from the purchase date against defects in workmanship or materials.
- The warranty covers working parts that affect product function. It does not cover fair cosmetic wear, accident, misuse, or incidental, consequential or special damage.
- Opening or disassembling the product or its components voids the warranty.
- Warranty claims must include proof of purchase. Pack the product carefully to prevent transport damage.
- After-sales service is provided through authorized sellers. This warranty is in addition to statutory rights.

SERVICE RECORD

No.	Service item	Replaced part	Fee	Technician / date