ICE MAKER USER MANUAL

ZB-13



TWO ICE SIZES

CLEAR LID

EASY CLEANING

MODEL ZB-13 | PRODUCT CODE ZSW-ZB13

KEEP THIS MANUAL FOR FUTURE REFERENCE

WELCOME

A clear start with ICEWAVE

This edition is dedicated to the ICEWAVE ZB-13 ice maker.

READ BEFORE USE

Read the safety section before connecting the appliance. Keep the manual nearby for future reference.

IN THIS MANUAL

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01 / SAFETY

Important safety tips

Your safety and the safety of others come first.

WARNING

This appliance contains a flammable refrigerant. Keep it away from flames and other ignition sources. Keep the ventilation openings clear.

AVOID FIRE, SHOCK AND INJURY

- Disconnect the power supply before cleaning, maintenance or service.
- Do not pull the cord to plug in or unplug the appliance. Do not use the machine if the cord or plug is damaged.
- Use a properly grounded outlet that matches the rating label on the machine. Avoid extension cords. If one must be used, use a grounded cord rated for this appliance with a conductor cross-section of at least 1.5 mm2 and follow local code.
- Power off before cleaning or maintenance. Never clean the machine with flammable liquids.
- When children are nearby, an adult must supervise use.
- Do not touch the evaporator while the machine is operating or making ice. It can freeze skin.
- The compressor and condenser surfaces may become hot during operation. Do not touch them.
- Do not turn the machine over. If it has been turned over, return it to an upright position and wait at least 2 hours before switching it on.
- If moving the machine from outdoors to indoors during winter, wait until it reaches room temperature before switching it on.

01 / SAFETY

Safe water, safe surroundings

Follow these rules every time you use the appliance.

- Use potable water only. Do not fill the tank with juice, beer, milk or other beverages.
- Do not use mechanical devices or other methods to accelerate defrosting unless recommended by the manufacturer.
- Do not damage the refrigerant circuit. Refrigerant-system service must be performed by qualified personnel.
- Do not place electrical appliances in the ice or water storage area unless they are recommended by the manufacturer.
- Do not store explosives or flammable sprays inside the appliance.
- Children aged 8 years and older and people with reduced capabilities may use the appliance only with supervision or instruction. Children must not play with it or clean it without supervision.

INTENDED USE

The ZB-13 is intended for household and similar non-retail use, including kitchens in shops, offices and other work environments, farms, hotels, motels, residential environments, bed and breakfast settings, catering and similar applications.

STOP AND CONTACT SERVICE

If you see damaged wiring, a refrigerant leak, repeated error lights or abnormal noise, stop making ice and unplug the appliance.

02 / FIRST USE

Setup and first use

Give the machine a clean, level and ventilated start.



Model
ZB-13

Product code
ZSW-ZB13

Water
Potable water only

OPEN THE PACKAGE

1. Remove all internal and external packaging. Confirm that the ice basket and ice scoop are present. Contact customer service if an accessory is missing.
2. Wash the ice basket in warm water. Wipe the water tank with warm water and a soft cloth.
3. Clean the evaporator column using a suitable soft cloth and the cleaning method specified by the seller or service provider.

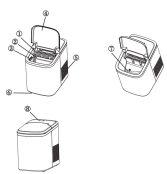
PLACE THE MACHINE

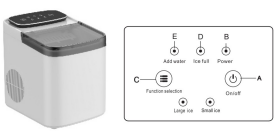
1. Keep it level, away from direct sunlight, heat and radiation.
2. Leave at least 15 cm clearance around the sides and rear for ventilation.
3. Use a suitable grounded electrical outlet. Check the rating label before connecting.

03 / FUNCTION

Function introduction

ZB-13 components, airflow and control-panel labels.





PARTS AND PURPOSE

No.	Part	Purpose
1	Ice scoop	Move ice cubes into the basket.
2	Ice-full sensor	Infrared sensor detects ice at the receiver.
3	Ice basket	Stores and moves finished ice.
4	Top cover	Clear window lets you see the interior.
5	Vent openings	Keep clear; leave at least 15 cm at the sides and rear.
6	Drainage plug	Pull downward to drain the water tank.
7	Water-fill area	Add potable water below the MAX mark.
8	Control panel	Starts the machine and selects ice size.

CONTROL PANEL LABELS

Label	Function
A - ON/OFF	Start or stop ice making.
C - SELECT	Choose large ice or small ice.
E - ADD WATER	Indicator prompts you to refill the tank.
D - ICE FULL	Indicator lights when the basket is full.
B - POWER	Indicator lights when the machine is powered.

04 / OPERATION

Controls and ice making

The ZB-13 offers large and small ice selection from one simple control panel.



CONTROL PANEL

Control	What it does
ON/OFF	Starts or stops the ice-making cycle.
SELECT	Selects large ice or small ice.
ADD WATER	Lights when the water tank needs more water.
ICE FULL	Lights when the basket is full. Remove ice to resume operation.
POWER	Shows that the machine is powered.

HOW TO MAKE ICE

1. Fill the tank with potable water below the MAX mark. Replace the basket and close the lid.
2. Press ON/OFF to start. Press SELECT for large or small ice.
3. Each cycle typically takes 6 to 12 minutes, depending on ice size and temperatures.
4. ADD WATER: refill with potable water, then press ON/OFF to restart.
5. ICE FULL: remove ice. The machine resumes when the level drops below the sensor.

05 / CARE

Cleaning and maintenance

Clean water and a dry interior help maintain ice quality.

BEFORE CLEANING

Switch off and unplug the machine. Do not immerse the appliance, power cord or plug in water.

ROUTINE CLEANING

1. Remove the ice basket.
2. Open the drainage plug and drain the water tank.
3. Wipe the inner frame with diluted detergent, warm water and a soft cloth.
4. Wipe the exterior regularly with diluted detergent and warm water. Do not use abrasive cleaners.
5. Dry the inner container with a clean, soft cloth.
6. Close the drainage plug before refilling the tank.

WATER AND STORAGE

- Change the water about every 24 hours when the machine is in regular use.

SERVICE NOTE

The refrigerant circuit is a pressurized system. Do not open or repair it yourself. Contact qualified service personnel.

- Use only a soft cloth on the transparent lid and control panel.

06 / SUPPORT

Troubleshooting

Stop the machine and unplug it before checking anything inside.

Symptom	Possible cause	Action
ADD WATER light is on	Water tank is empty or the inlet filter is blocked.	Add water. Press ON/OFF to restart. Clean the filter area.
ICE FULL light is on	Basket is full or the ice-full sensor is blocked.	Remove ice. Check that the sensor can move freely. Hold ON/OFF for more than 5 seconds only if the seller has instructed you to reset the unit.
ICE FULL light flashes	The ice scoop or ice basket is obstructing the sensor.	Remove the obstruction. Contact service if the light continues to flash.
Ice cubes are connected	Cycle is too long, the evaporator is too cold or the water is too cold.	Stop ice making and let the ice melt. Replace the water with water in the recommended range noted by the seller. Contact service if it repeats.
Ice is full but light is off	Strong light may affect infrared detection.	Move the machine away from strong direct light.
Machine runs but makes no ice	Ambient or water temperature is too high, or the refrigeration system has a fault.	Use cooler water and a cooler location. Contact after-sales service if the problem continues.

CONTACT SERVICE

If the same fault returns after a restart, do not repeatedly operate the machine. Keep the model and product code ready: ZB-13 / ZSW-ZB13.

07 / REFERENCE

Technical data and functional flow

Use the rating label on your machine as the final authority for electrical requirements.

Item	ZB-13 information
Model	ZB-13
Product code	ZSW-ZB13
Rated supply	AC 110–120V / 220–240V, 50/60Hz
Rated current	10 A reference from the source manual; verify the rating label on the unit.
Ice selection	Large ice / Small ice
Water	Potable water only
Refrigerant	Flammable refrigerant system. Type is not specified in the source manual.

SIMPLIFIED FUNCTIONAL FLOW



This is a high-level operating flow for user understanding, not a repair schematic. Internal electrical and refrigerant-system service must be completed by qualified personnel.

Electrical safety: Match the outlet voltage and frequency to the rating label and use a grounded outlet.

08 / SERVICE

Warranty and service record

Keep your proof of purchase and record service visits here.

WARRANTY

Warranty coverage and duration follow the seller's terms. For support, provide the model ZB-13, product code ZSW-ZB13, purchase date and a description of the fault.

SERVICE RECORD

Fault / service	Date	Service signature

Notes for the owner

09 / QUICK REFERENCE

At a glance

Use this page when you already know the safety instructions.





Before starting	During operation	After use
Level surface 15 cm ventilation clearance Potable water below MAX Grounded outlet	Press ON/OFF Select ice size Refill when ADD WATER lights Empty when ICE FULL lights	Change water regularly Drain before long storage Wipe dry Leave lid slightly open

MODEL CHECK

This manual is for ICEWAVE ZB-13 only. Product code: ZSW-ZB13. Do not use it as a specification sheet for another model.

ZB-13

Portable Bullet Ice Maker



ICEWAVE

Keep this manual for future reference.

MODEL ZB-13 | ZSW-ZB13