



**Powerology**

**EVEREST Ice & Chilled Water Dispenser**

SKU: PWZSWZB21GG

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## Product Introduction

The Powerology EVEREST Ice & Chilled Water Dispenser is a countertop appliance that delivers fresh ice cubes, shaved ice and instantly chilled water at the touch of a button. With a 1.5 L water tank, dual water supply (manual fill and automatic inlet), five adjustable ice-thickness presets and a smart digital display, it combines quick ice production with everyday hydration for home, office or hospitality use.



## Structural Diagram

The dispenser has a front control interface with digital display, two dispensing ports for ice cubes and ice water/slush, a cup holder tray, side heat vent and rear manual and automatic water inlets. Familiarise yourself with each part before use.



1. Ice tray viewing window
2. Functional operation interface
3. Display screen
4. Ice cube port
5. Smoothie port / Ice water port
6. Heat vent
7. Cup holder
8. Manual water inlet
9. Power cord winding area
10. Automatic water inlet
11. Power cord

## **Safety Instructions**

### **Warning:**

1. Before use, ensure your outlet voltage matches the appliance rating label, and always use a properly grounded three-pin outlet.
2. Do not use the appliance if the power cord, plug, or housing is damaged.
3. Keep the plug, cord and electrical components dry; never immerse the appliance in water or rinse it under a running tap.
4. Do not insert hands, utensils or foreign objects into the ice-making compartment while the appliance is running, as moving parts can cause injury.
5. This appliance contains flammable R290 refrigerant; keep away from open flames, sparks and ignition sources, and do not puncture the refrigerant circuit.
6. Do not block the ventilation openings around the appliance, as restricted airflow can cause overheating and fire risk.

7. Fill the water tank only with clean drinking water; never add salt, alcohol, cleaning agents or any other liquid.
8. Do not tilt the appliance more than 45 degrees, and allow it to stand upright for several hours before powering on after transport to protect the compressor.
9. Unplug the appliance before cleaning, servicing, or moving it, and never pull the plug out by the cord.
10. Do not attempt to repair, disassemble or modify the sealed refrigeration system; refer servicing to qualified personnel.
11. This appliance contains flammable R290 refrigerant: install it in a room with a floor area of at least 4 m<sup>2</sup> per the refrigerant charge stated on the rating label, and do not install it inside a cupboard, cabinet or other small, unventilated enclosed space.
12. In the event of a suspected refrigerant leak (hissing sound or hydrocarbon odour), immediately switch off the appliance if safe to do so, ventilate the room thoroughly, avoid open flames, sparks and operating electrical switches, and contact qualified service personnel – do not attempt to repair the refrigerant circuit yourself.
13. Plug the appliance directly into a dedicated, correctly earthed wall outlet; do not use extension cords, multi-way adaptors or ungrounded outlets, as the 150 W compressor load can cause overheating and fire risk.

### Attention:

1. Place the appliance on a stable, flat, dry surface away from heat sources, direct sunlight and moisture, with adequate clearance around all sides for ventilation.
2. This appliance is for household use only and should be used only for making ice as intended.
3. Do not operate the appliance without water in the tank, and do not move or unplug it during an ice-making cycle.
4. Children aged 8 and above may use it only under supervision; keep the appliance and its cord out of reach of children under 8.

5. Empty and dry the water tank and ice basket when the appliance will not be used for an extended period to prevent odour and mould.
6. Clean and descale the water tank and ice tray regularly according to this manual, and retain this manual for future reference.
7. Operate the appliance in an ambient temperature between 10 °C and 38 °C, and store it between -10 °C and 50 °C; use outside this range may impair ice production or damage the appliance.
8. Sanitise the water tank, ice bin and internal water path every 1–2 weeks (and after any prolonged non-use) to prevent bacterial and mould growth in standing water.
9. Discard the first 1–2 batches of ice produced after first use, after descaling or sanitising, and after any prolonged period of non-use, as they may contain residues or stale water.



# Setup & Operation

## 1. Before First Use

Unpack the dispenser and place it upright on a level, sturdy surface with at least 15 cm of clearance around the heat vent.

Let the unit stand for at least 2 hours before switching on so the refrigerant can settle.

Wipe the water tank and ice bin with a clean damp cloth; do not use abrasive cleaners.

Fill the tank via the manual water inlet, or connect a water line to the automatic water inlet on the rear.

Plug the power cord directly into a properly earthed 220–240 V wall socket; do not use extension cords or multi-plug adaptors.

## 2. Making Ice Cubes

Press the power / confirmation key (**15**) to switch the unit on and wait for the display to illuminate.

Use the ice-mode – / + keys (**11**) to select one of the five ice-thickness presets shown on the display.

Press the ice cube key (**9**) to start ice production; a full cycle takes about 6–8 minutes.

Place a glass under the ice cube port and press the ice cube key (**9**) again to dispense.

Press the power / confirmation key (**15**) to stop dispensing at any time.

Discard the first 1–2 batches of ice after first use, after descaling, or after prolonged non-use.

### 3. Making Shaved / Crushed Ice

With the unit powered on, press the shaved ice key (10) to switch to crushed-ice mode.

Place a glass under the ice cube port.

Press the confirmation key (15) to start dispensing crushed ice.

Press the confirmation key (15) again to stop when the glass is full.

### 4. Dispensing Ice Water

Place a glass under the ice water / crushed-ice port (12).

Press the ice water key (12) to start dispensing — the display will show the current water temperature.

The dispenser will perform a short circulating pre-cooling to lower the water temperature before pouring.

Press the ice water key (12) again to stop the flow.

### 5. Using the Drink Presets

Select a preset that matches your beverage: Honey (4), Milk (5), Cola (6), Coffee (7) or Drinks (8).

The unit will automatically choose the recommended ice thickness and portion for that drink.

Press the confirmation key (15) to start dispensing.

Press the confirmation key (15) again to stop early if needed.

### 6. Schedule / Timer

Press the schedule key (13) to enter timer mode.

Use the ice-mode – / + keys (11) to set the delay, up to 12 hours in advance.

Confirm with the power / confirmation key (15); the display shows H / M for hours and minutes remaining.

The dispenser will begin ice production automatically at the scheduled time.

## **Control Panel**

The touch control panel groups drink presets across the top and function keys along the bottom, with a central rotary/confirmation dial and digital display for temperature, ice level and schedule. Use these keys to select mode, adjust ice thickness and start or stop dispensing.



- |                                     |                                         |                                     |
|-------------------------------------|-----------------------------------------|-------------------------------------|
| <b>1.</b> Ice-full indicator        | <b>2.</b> Menu / recipe indicator       | <b>3.</b> Fault / alert indicator   |
| <b>4.</b> Honey preset              | <b>5.</b> Milk preset                   | <b>6.</b> Cola preset               |
| <b>7.</b> Coffee preset             | <b>8.</b> Drinks preset                 | <b>9.</b> Ice cube key              |
| <b>10.</b> Shaved / crushed ice key | <b>11.</b> Ice mode – / + adjustment    | <b>12.</b> Ice water key            |
| <b>13.</b> Schedule / timer key     | <b>14.</b> Digital display (H / M / °C) | <b>15.</b> Power / confirmation key |

## Specifications

|                         |                                     |
|-------------------------|-------------------------------------|
| Rated Power             | 150W                                |
| Rated Voltage           | 220V                                |
| Rated Frequency         | 50/60Hz                             |
| Water Tank Capacity     | 1.5L                                |
| Built-in Timer          | Up to 12 Hours Preset Timer         |
| Water Supply            | Manual Fill & Automatic Water Inlet |
| Ice Making Time         | 6–8 Minutes Per Cycle               |
| Ice Production Capacity | 15kg Per 24 Hours                   |
| Ice Thickness Levels    | 5 Preset Levels                     |
| Switch Lifespan         | ≥100,000 Cycles                     |
| Cooling System          | Compressor Cooling                  |
| Refrigerant Type        | R290                                |
| Plug Type               | 3-Pin UK Plug                       |
| Product Material        | Stainless Steel + PP + ABS          |
| Product Size            | 460 × 300 × 470mm                   |
| Product Weight          | 12.4kg                              |
| Model Number            | PWZSWZB21                           |

## Key Features

1. Low water and ice-full alerts — built-in sensors automatically detect low water, full ice bin, ice jams and system faults for reliable, worry-free operation.

2. Instant chilled water — dispenses refreshing chilled water on demand for cool, clean hydration any time.
3. 5 ice-thickness presets — customise ice across five selectable levels, from thin ice for smoothies to thicker cubes for cocktails.
4. Ice cube dispensing — delivers fresh ice cubes directly into your glass quickly and effortlessly.
5. Crushed / shaved ice dispensing — produces smooth, refreshing crushed ice with a single touch.
6. Chilled water dispensing — provides cold water instantly whenever you need it.
7. Smart digital display — real-time readout of water temperature, ice-thickness preset and operating status.
8. Dual water supply — supports both manual fill and automatic water inlet for flexible installation.
9. Quick ice production — up to 15 kg of ice per 24 hours with a 6–8 minute cycle.

## Maintenance Tips

### 1. Daily & Weekly Care

Empty any unused ice from the bin at the end of each day; melted water may cause overflow.

Wipe the exterior, dispensing area and drip tray with a soft damp cloth after each use.

Refill the water tank with fresh, clean drinking water; do not use hot water.

Keep the heat vent on the side clear of dust and obstructions to protect the compressor.

Check the ice-full and low-water indicators regularly and act on any alerts.

Every 1–2 weeks, empty the tank, rinse it with warm water and mild detergent, then rinse clean.

Every 1–2 weeks, sanitise the water tank, ice bin and dispensing path using a food-safe sanitiser (or a diluted solution of one teaspoon of unscented bleach per litre of water), then rinse thoroughly with clean water and run at least two full water cycles before use to prevent bacterial and mould growth.

Descal the water path every 1–2 months in hard-water areas using a food-safe descaler, then run several clean-water cycles.

After first use, descaling, sanitising, or prolonged non-use, discard the first 1–2 batches of ice before consumption.

If the dispenser will not be used for a long period, unplug it, drain the tank and ice bin, and leave the ice bin lid / access cover open to dry.

## Frequently Asked Questions

### **1. How long does it take to make ice?**

A full ice-making cycle takes approximately 6–8 minutes; the unit can produce up to 15 kg of ice per 24 hours.

### **2. Can I connect it to a water line?**

Yes. The dispenser supports dual water supply — you can either fill the 1.5 L tank manually or connect a mains water line to the automatic water inlet on the rear.

### **3. What do the low-water and ice-full alerts mean?**

The built-in sensors detect when the tank is low, the ice bin is full, or an ice jam / fault occurs. The corresponding indicator will light up on the panel and ice production will pause until the condition is cleared.

#### **4. Why does the water not feel cold at first?**

On start-up the dispenser performs a short circulating pre-cooling to lower the water temperature. Allow the cycle to complete before dispensing for the coldest water.

#### **5. What kind of water should I use?**

Use fresh, clean drinking water only. Do not add hot water, sparkling water, milk, juice or any other liquid to the tank, as this can damage the ice-making system.

#### **6. How do I clean the ice bin?**

Unplug the unit, remove any ice, and wipe the interior with a soft damp cloth and mild detergent. Rinse thoroughly and dry before switching the dispenser back on.

## Troubleshooting

| Problem                           | Likely Cause                                                        | Solution                                                                                 |
|-----------------------------------|---------------------------------------------------------------------|------------------------------------------------------------------------------------------|
| Dispenser will not power on       | Power cord unplugged or no mains power                              | Check that the plug is fully seated and the socket has power; try another socket.        |
| Display shows low-water alert     | Water tank empty or below minimum level                             | Refill the tank via the manual inlet or check the automatic water line for kinks.        |
| Display shows ice-full alert      | Ice bin has reached capacity                                        | Remove some ice from the bin; production will resume automatically.                      |
| No ice is being produced          | Unit not given enough time to cool, or ambient temperature too high | Allow 6–8 minutes for the first cycle; place the unit in a cooler, well-ventilated area. |
| Ice cubes are too small or hollow | Ice thickness set too low, or water level low                       | Use the ice-mode + key to increase thickness and top up the water tank.                  |
| Ice jam fault indicator lit       | Ice cubes stuck in the chute                                        | Unplug the unit, wait for the ice to melt, clear the chute and restart.                  |
| Water is not cold enough          | Pre-cooling not completed or unit recently powered on               | Wait for the circulating pre-cooling cycle to finish before dispensing.                  |

| Problem                           | Likely Cause                                 | Solution                                                                            |
|-----------------------------------|----------------------------------------------|-------------------------------------------------------------------------------------|
| Unusual noise from the unit       | Uneven surface or refrigerant settling       | Place the dispenser on a flat, stable surface; some compressor noise is normal.     |
| Water leaks from the drip tray    | Drip tray full or spillage during dispensing | Empty and dry the drip tray; wipe the dispensing area.                              |
| Dispenser stops mid-cycle         | Overheating or blocked heat vent             | Switch off, allow the unit to cool, and clear any obstruction around the heat vent. |
| Buttons do not respond            | Control panel locked or power interruption   | Unplug the unit for one minute, then plug in again to reset the controls.           |
| Bad taste or odour in ice / water | Water tank or ice bin needs cleaning         | Empty and rinse the tank and bin, then descale the water path as recommended.       |

## Disposal

This product must not be disposed of as unsorted household waste. It is important to separate such waste for proper treatment and recycling, in compliance with local waste management regulations.

## Warranty

Products that you buy directly from our Powerology website or shop come with a 24-month warranty.

The 24-month warranty applies to products purchased directly from

our Powerology website or store. If Powerology products are bought from any of our verified retailers, then the product is eligible for only a 12-month warranty. To extend your product's warranty, visit our website [www.powerology.me/warranty](http://www.powerology.me/warranty) and fill in your details in the provided form along with an uploaded picture of the product to process your request. Once approved, you will receive a confirmation email of the extended product warranty. Upload the required information within 48 hours of purchase to be eligible for a 24-month warranty period.

For more info, please check: [www.powerology.me/warranty](http://www.powerology.me/warranty)

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