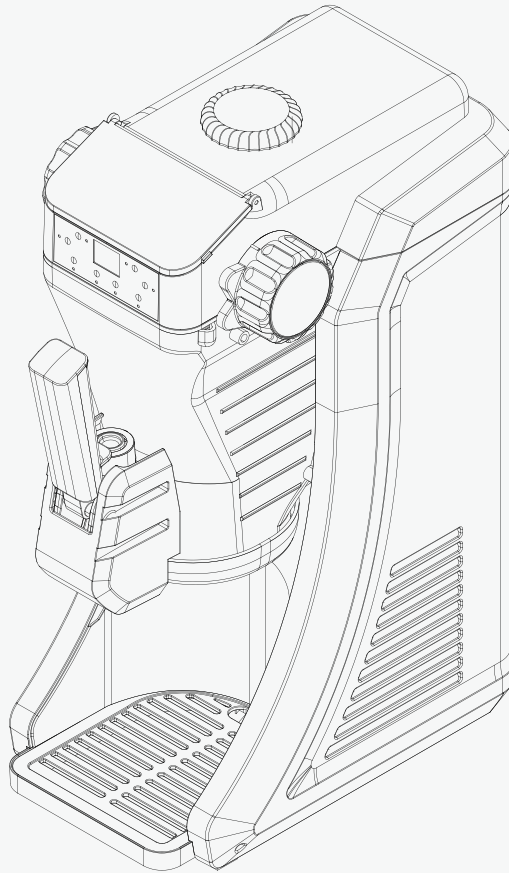


NOVA
matrix



5-in-1 Frozen Drink & Soft Serve Maker

ICE-2050



Important reminder: After receiving the machine, let it stand for 24 hours before using it.

When using an electrical appliance, basic safety precautions should always be followed to reduce the risk of fire, electric shock, and/or injury, including the following:

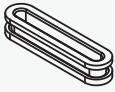
- Read all instructions before using.
- Remove all packing material and carefully check your frozen drink maker to ensure it is in good condition and that there is no damage to the frozen drink maker or power cord and plug.
- If the supply cord is damaged, it must be replaced by the manufacturer or its service agent or a similarly qualified person in order to avoid a hazard.
- This appliance is not intended for use by persons (including children) with reduced physical, sensory or mental capabilities, or lack of experience and knowledge, unless they have been given supervision or instruction concerning use of the appliance by a person responsible for their safety. Children should be supervised to ensure that they do not play with the appliance. This appliance can be used by children aged from 8 years and above and persons with reduced physical, sensory or mental capabilities or lack of experience and knowledge if they have been given supervision or instruction concerning use of the appliance in a safe way and understand the hazards involved. Children shall not play with the appliance. Cleaning and user maintenance shall not be made by children without supervision.
- This appliance is intended to be used in household and similar applications such as:
 - staff kitchen areas in shops, offices and other working environments;
 - farm houses and by clients in hotels, motels and other residential type environments;
 - bed and breakfast type environments.
- Warning: Do not store explosive substances such as aerosol cans with a flammable propellant in this appliance.
- Important safety warnings:
 - Keep ventilation openings, in the appliance enclosure or in the built-in structure, clear of obstruction.
 - Do not use mechanical devices or other means to accelerate the defrosting process, other than those recommended by the manufacturer.
 - Do not damage the refrigerant circuit.
 - Do not use electrical appliances inside the food storage compartment of the appliance, unless they are of the type recommended by the manufacturer.
 - When positioning the appliance, ensure the supply cord is not trapped or damaged.
 - Do not locate multiple portable socket-outlets or portable power supplies at the rear of the appliance.
 - Do not store explosive substances such as aerosol cans with a flammable propellant in this appliance.
 - When disposing of the appliance, do so only at an authorised waste disposal centre. Do not expose to flame.
 - Fill with potable liquid/ingredients only.

The refrigerant (R290) is flammable.



Caution: risk of fire / Flammable materials

- The refrigerant (R290) is contained within the refrigerant circuit of the appliance, a natural gas with a high level of environmental compatibility, which is nevertheless flammable. During transportation and installation of the appliance, ensure that none of the components of the refrigerant circuit becomes damaged.
- If the refrigerant circuit should be damaged:
 - Avoid open flames and sources of ignition.
 - Thoroughly ventilate the room in which the appliance is situated.
- Please dispose of the flammable refrigerant and blowing gas used in the appliance according to the local regulations.
- Before using the frozen drink maker for the first time, please wait 2 hours after positioning it, and keep the transparent lid open for at least 2 hours.
- Ensure the voltage is compliant with the voltage range stated on the rating label, and ensure the earthing of the socket is in good condition.
- Do not upend this product or incline it over a 45° angle.
- To protect against risk of electric shock, do not pour water on the cord, plug, or ventilation openings, nor immerse the appliance in water or any other liquid.
- Unplug the appliance after using or before cleaning.
- Keep the appliance at least 30 cm away from other objects to ensure proper heat dissipation.
- Do not use accessories that are not recommended by the manufacturer.
- Do not use the appliance close by flames, hot plates or stoves.
- Do not switch the power on and off frequently (wait at least 5 minutes between uses) to avoid damaging the compressor.
- Do not use outdoors.
- Never clean with scouring powders or hard utensils/tools.
- Please keep the instruction manual.
- To avoid contamination of food, please respect the following instructions:
 - Opening the door for long periods can cause a significant increase of the temperature in the compartments of the appliance.
 - Clean regularly surfaces that can come in contact with food and accessible drainage systems.
 - If the refrigerating appliance is left empty for long periods, switch off, defrost, clean, dry, and leave the door open to prevent mould developing within the appliance.
- Regarding the information pertaining to the use of the appliance, please refer to the paragraphs below.
- Component parts shall be replaced with like components and that servicing shall be done by factory authorized service personnel, so as to minimize the risk of possible ignition due to incorrect parts or improper service.
- When service personnel are performing service operations, if it is possible to touch the motor metal enclosure/electrical control box cover, please power off for service operations.
- Do not put your fingers into the discharge opening as this may cause danger.
- For indoor and household use only.



1

Inlet Gasket



2

Tank Gasket



3

Tank Lid



4

Inlet Tray



5

Dispenser Gasket
(One of them is a spare part.)



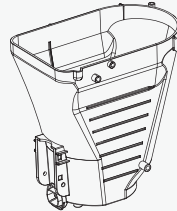
6

Churning Blade
Gasket



7

Churning Blade



8

Mixture Tank



9

Star Dispenser
Nozzle



10

Dispenser Cover



11

Dispenser Handle



12

Dispenser Body



13

Dispenser Piston



14

Inner Dispenser Pin



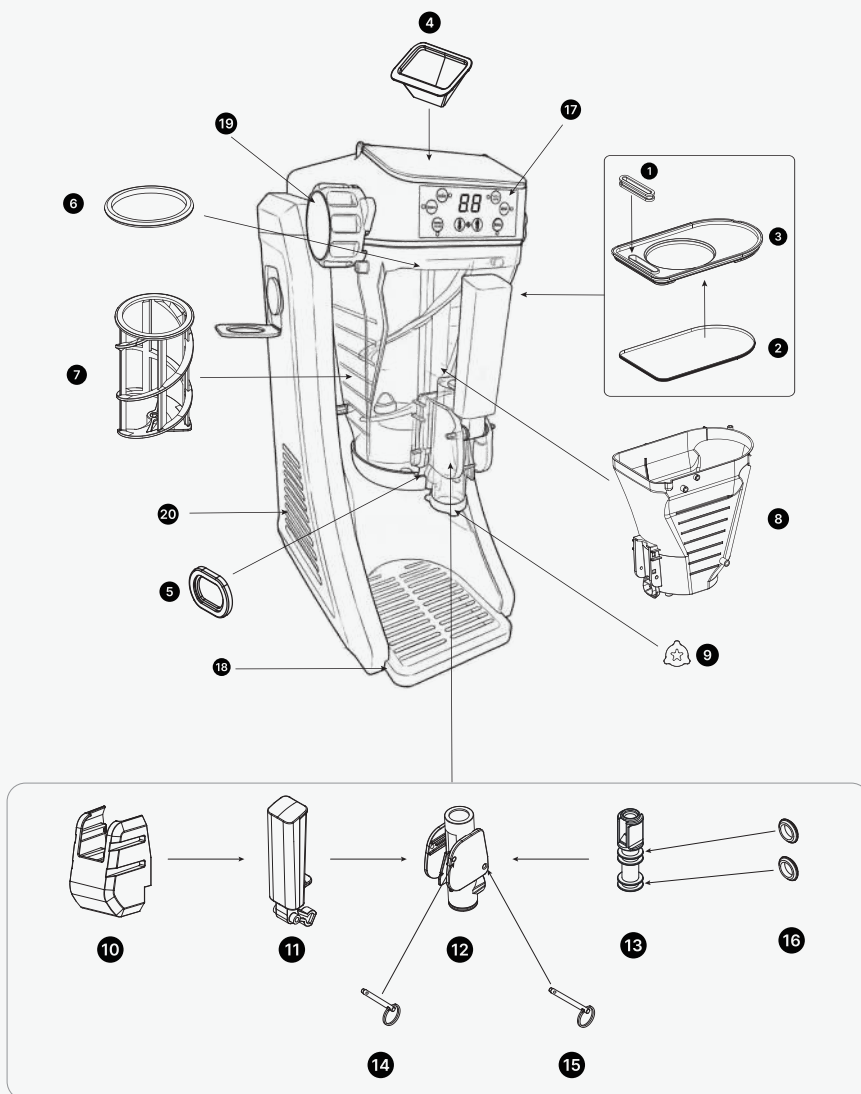
15

Outer Dispenser Pin



16

Dispenser Gaskets
(them is a spare part.)

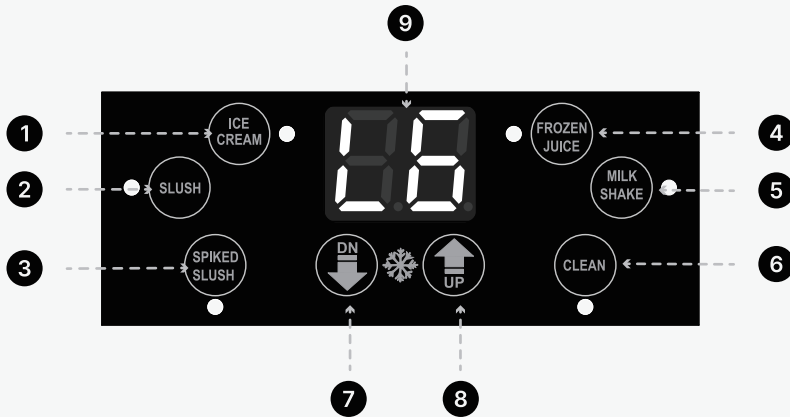


17
Control Panel

18
Drip Tray

19
Tank Lock

20
Air Vent



1. Ice Cream Mode

Default temperature level 7. Best for thicker, scoopable Ice Cream. Sugar content must be at least 30% of mixture.

2. Slush Mode

Default temperature level 3. Best for smoothies and carbonated mixtures. Sugar content must be at least 13% of mixture.

3. Spiked Slush Mode

Default temperature level 5. Best for drink mixtures containing alcohol. Alcohol content must be at least 6%.

4. Frozen Juice Mode

Default temperature level 3. Best for highly fluid mixtures. Sugar content must be at least 13% of mixture.

5. Milk Shake Mode

Default temperature level 4. Best for thick drink mixtures with dairy/higher fat content. Sugar content must be at least 30% of mixture.

6. Auto Clean Button

Start the pre-cleaning rinse cycle. Refer to the maintenance and cleaning procedures on the next two pages.

7. "DOWN" Button

Decreases cooling intensity (warmer temperature / softer texture).

8. "UP" Button

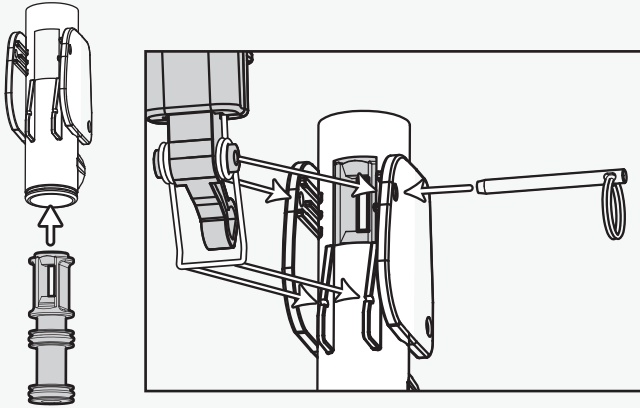
Increases cooling intensity (colder temperature / firmer texture).

9. Display Screen

Displays the selected cooling intensity level (ranging from 1 to 9). Higher numbers provide stronger cooling for a thicker, firmer texture; lower numbers provide milder cooling for a softer, more liquid consistency.

Make sure all parts are dry before assembly.

- Piston & gaskets: Place the two Dispenser Piston Gaskets into the grooves on the piston. Insert the piston into the Dispenser Body, aligning the holes in the piston with those in the body.
- Handle: Hook the spring joint on the Dispenser Handle into the groove on the dispenser body. Push the handle extension into the hole on the body. Secure with the Inner Dispenser Pin. (see image below).



- Dispenser gasket & mount: Insert the Dispenser Gasket into the outlet hole on the Mixture Tank. Attach the Dispenser Body to the tank and secure with the Outer Dispenser Pin.
- Tank lid gaskets & blade gasket: Insert the Inlet Gasket into the small recess near the inlet opening on the Tank Lid. Insert the Tank Gasket into the central recess of the Tank Lid. Slide the Churning Blade Gasket up the refrigerant cooling column until seated at the base. Place the Tank Lid onto the column and press down to seat all gaskets.
- Churning blade: Push the Churning Blade carefully onto the refrigerant column. Align the opening/notch on the underside of the blade with the locating pin at the bottom of the column. The blade should sit flush and rotate freely. Do not force it.



- Install mixture tank: Lift the tank into position around the column. While supporting the bottom of the tank, turn the tank lock counterclockwise to lock it securely in place.
- Trays: Assemble the drip tray and slide it into place. Insert the inlet tray into the opening on top of the appliance.

- Check the mixture tank before pouring in ingredients to ensure it is properly installed (see the "cleaning" part for the disassembly and assembly steps, please install the drip tray before using it for the first time), open the top cover of the charging barrel, and then slowly pour the material into the charging barrel, and the liquid capacity should follow the maximum ingredient amount guide in below.



Maximum Fill Level	Beverage Type
1500ml (≈ 51 fl oz)	Dairy, Alcohol
2000ml (≈ 68 fl oz)	Carbonated Drinks, Juices

Operating Notice: When the residual mix at the bottom of the machine is less than about 400ml, there will be no continuous refrigeration. It will melt due to temperature rise if left for a long time. Please use it in time to avoid raw material waste, bacterial growth and food safety risks.

Tips For Use

1. All beverage and Ice cream creations **require sugar**. **Low-sugar or non-sugar mixtures can result in icetormation that may cause damage to the appliance.**
2. Alcoholic beverages must have an alcohol content of at least 6 percent to avoid freezing. **Low-alcoholmixtures can result in ice formation that may cause damage to the appliance.**
3. Avoid pouring mixtures into the appliance that are too cold (below 32oF/0°C) or too hot (above104°F/40°C). Temperatures between 35°F-45°F/2°C-7°C provide the fastest results.
4. Carbonated beverages expand in the appliance. Do not exceed the recommended fill capacity.
5. Sugarfree liquids cannot be used in the appliance as-is Sugar, honey, or other sugary sweetenersmust be added to avoid ice formation and potential damage to the appliance.

Ingredient Guidelines for Optimal Slush Freezing

To ensure proper freezing and consistency of slush products, ingredient composition must meet the following criteria:

Sugar Content:

- Single-ingredient formulations must contain a minimum of 6% sugar.
- Multi-ingredient blends require at least 10% total sugar.
- Alcoholic mixtures must contain between 2.8% and 16% alcohol by volume (ABV).
- Chill cups before serving for best taste.
- Insufficient sugar or excessive alcohol may inhibit the freezing process andcompromise product quality.

Cleaning Instructions

1. Wipe the outside of the appliance with a soft, damp cloth. Do not use cleaning solvents or abrasive cleaners.
2. Pour lukewarm water into the tank between the minimum and maximum fill lines.
3. Press the clean button to start the rinse cycle. The appliance will start and turn the churning blade to start loosening any stubborn residue. The cycle takes about 10 minutes.
4. After the cycle ends, unplug the appliance. Empty the tank using the dispenser over a bucket or sink.
5. Turn the tank lock forward to release the tank, then pull the tank down, taking care to support the bottom.
6. Follow the disassembly steps to dismantle the appliance. Be sure to remove and separate all gaskets.
7. Wash all parts by hand with a mild dish soap.
8. Wipe down the refrigerant column with a soft, damp cloth. If there was dairy in the appliance, check the bottom of the column for any residue and wipe clean.
9. Let everything dry completely before reassembling for future use or storage.

NOTE: Do not put parts into a dishwasher, this may cause warping.

NOTE: A 1:3 solution of vinegar/lukewarm water is safe to run through the appliance, but is not sufficient cleaning on its own.

CAUTION: Always disconnect the power before assembling/disassembling the appliance. After running the clean rinse cycle, disconnect the power before continuing the cleaning process. Never disconnect the power with wet hands.

Warnings

- Avoid damage to refrigerant lines.
- When moving the appliance, do not push, pull or drag it hard, especially avoid hitting the refrigerant lines around the appliance's body.
- Professional maintenance: If you need to maintain or repair the appliance, please contact a professional. Do not disassemble the refrigerant system without authorization to avoid leaks or equipment failures.
- This is not an ice maker. Ice formation results in an on-screen 88 error and can damage the appliance. Do not pour plain water, diet drinks, or sugar-free liquids into the appliance.

Maintenance Tips:

- Store the appliance upright with all parts assembled.
- Store in a dry, well-ventilated place. Avoid direct sunlight and high humidity environments.
- Thoroughly clean the appliance between uses. Clean before using after a prolonged period of disuse.

- Compressor protection function: In order to prevent the compressor from starting frequently, during the refrigeration process, if the appliance is restarted within 3 minutes of being turned off, the compressor protection function will delay startup for about 3 minutes. However, if you unplug the power cord for more than 20 seconds and then plug it in, and then start the machine, it will start again by default and there is no delay.
- Tank Safety Interlock: To prevent abnormal operation or personal injury if the mixture tank is detached to the human body after the charging barrel falls off or is taken out, the charging barrel assembly has a contact switch with the main body of the machine. The machine cannot be started after the charging barrel assembly falls off or is taken out.

The mixture tank, churning blades, water tray, and drip tray are dishwasher-safe, or can be hand-washed as follows:

1. Prepare about 8L of warm water (about 40-50 degrees) and specific detergent in a basin, follow the manufacturer's instructions to avoid too much detergent damaging the parts to be cleaned.
2. Use a suitable brush and thoroughly wash all parts that touch the material with a cleaning solution.
3. Rinse all cleaned parts with running water.
4. Use a soft brush to clean the evaporator cylinder and the sealing ring at the rear of it.
5. Finally, dry the surface of the cleaned parts with a dry towel or air.

Caution: The plug must be removed before cleaning to avoid electric shock.

- Clean the charging barrel components, water tray, mixing blades, etc. in a timely manner after use to avoid odor.
- When cleaning, please use a damp cloth to scrub, do not use abrasive cleaning ball to scrub.
- Wipe the transparent lid with a damp cloth. Remove dirt from the main body or other surfaces using a damp cloth. Do not pour water on the cord, plug, or ventilation openings, and do not immerse the appliance in water or any other liquid.
- Allow drying thoroughly with a dry cloth, then return the component to the home position.
- The package includes one large and two small silicone ring spare parts. If you notice any dripping from the evaporator sealing ring or outlet port, simply remove the affected ring and replace it with the appropriate spare.

Operating Restrictions

- Do not add frozen fruit, frozen vegetables, or ice.
- Do not add hot ingredients.
- Do not exceed maximum capacity.
- Strain natural fruit juices to avoid clogging the pour spout.
- Avoid sugar-free or low-sugar drinks.
- Artificial sweeteners do not count toward the required sugar content
- This machine is not a blender. Do not attempt to crush or grind non-liquid substances.

Usage Notes

- To prevent excessive load and overflow caused by ingredient expansion, the ingredients should not exceed the maximum capacity. The machine makes the best smoothies when it is loaded with the maximum capacity, so please try to make smoothies according to the maximum capacity.
- The completion time of the machine's operation varies due to factors such as ambient temperature, initial ingredient temperature, sugar content, and firmness settings.
- The ingredients must have a Brix (sugar content percentage) greater than 6%; alcohol content must be higher than 2% and lower than 16%; otherwise, do not operation the machine. Failure to comply may cause the evaporator to freeze, scratch the churning blades, and damage the unit.
- Pouring pre-cooled ingredients into the charging barrel can further improve production efficiency.
- If you use natural fruit juices, it is recommended to filter them to prevent solid particles from blocking the dispenser spout.
- When making a smoothie, do not stop the mixing motor, because restarting after the liquid has solidified or frozen may cause the mixing to fail.
- Condensation on the outside of the charging barrel is normal in humid weather or during prolonged operation.

Product Information

Model Number: ICE-2050

Current: 1.2~1.32 A	Refrigerant: R290 / 23 g
Climate Type: N/SN	Dimensions (L×W×H): 215×359×523 mm

Parts

Drip tray: 1	Star-shaped ice cream dispenser caps: 2
User manual: 1	Large silicone ring (evaporator sealing ring): 1
Drip tray cover: 1	Small silicone rings (outlet port): 2

Correct Disposal of this product



This marking indicates that this product should not be disposed of with other household waste. To prevent possible harm to the environment or human health from uncontrolled waste disposal, recycle it responsibly to promote the sustainable reuse of material resources. To return your used device, please use the return and collection systems or contact the retailer where the product was purchased. They can take this product for environmentally safe recycling.

Problems	Cause analysis	Solution
Churning blade scraping sound / resistance	Low sugar content causing the evaporator to freeze, or the temperature is set too low, making the mixture too firm.	Use ingredients with higher sugar content.
	Replace ingredients with higher sugar content.	Check and correct the assembly of the mixing fan blade.
	Check if the churning blade is correctly assembled or damaged/deformed.	Replace the mixing fan blades with new ones.
Cannot operate	Mixture tank not properly installed; poor contact with microswitch.	Reassemble the tank. Ensure the churning blade is installed correctly before mounting the tank. Make sure the tank is locked securely in place. If the problem persists after reassembly, please contact an authorized service center for repair.
	Sensor open circuit	Power off and unplug the unit, wait 20 seconds, then plug it back in and turn it on. If the problem persists, please contact an authorized service center for repair.
	Motor stalled or Hall sensor failure.	

For service assistance and product information, You can find us through the following channels:



@novamatrix

support@novamatrix.com

1 Year Warranty

This product is warranted to be free from defects in material and workmanship for a period of one (1) year from the date of original delivery to the consumer. During this period, your exclusive remedy is repair or replacement of this product or component found to be defective, at our option; however, you are responsible for all costs associated with returning the product to us. If the product or component is no longer available, we will replace with a similar one of equal or greater value. Prior to a replacement being sent, the product must be rendered inoperable or returned to us.

This warranty does not cover glass, filters, wear from normal use, use not in conformity with the printed directions, or damage to the product resulting from accident, alteration, abuse, or misuse. This warranty extends only to the original consumer purchaser or gift recipient. Keep the original sales receipt, as proof of purchase is required to make a warranty claim. This warranty is void if the product is used for other than single-family household use or subjected to any voltage and waveform other than as on the specified rating on the label (e.g., 120V~60Hz).

We exclude all claims for special, incidental, and consequential damages caused by breach of express or implied warranty. All liability is limited to the amount of the purchase price. **Every implied warranty, including any statutory warranty or condition of merchantability or fitness for a particular purpose, is disclaimed except to the extent prohibited by law, in which case such warranty or condition is limited to the duration of this written warranty.** This warranty gives you specific legal rights. You may have other legal rights that vary depending on where you live. Some states or provinces do not allow limitations on implied warranties or special, incidental, or consequential damages, so the foregoing limitations may not apply to you.

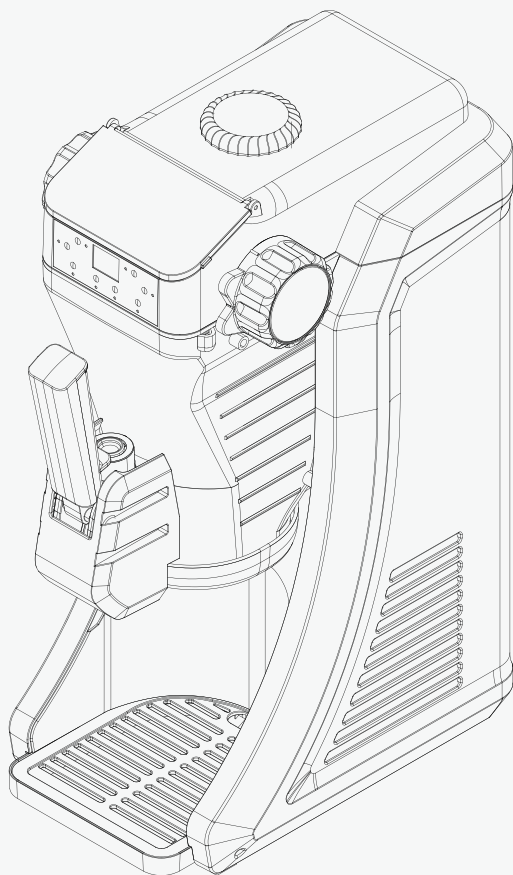
For faster service, locate the model, type, and serial numbers on your appliance.

ATTACH YOUR PROOF OF PURCHASE HERE, PROOF OF PURCHASE IS REQUIRED TO OBTAIN WARRANTY SERVICE.

Please have the following information available when you contact the Support Team:

- Name, address and telephone number.
- Model number and serial number.
- A clear, detailed description of the problem.
- Proof of purchase including dealer or retailer name, address and date of purchase.

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五合一冰飲與軟雪糕機

ICE-2050



重要提醒：收到機器後，請靜置 24 小時後再使用。

使用電器時，應始終遵循基本的安全預防措施，以減少火災、觸電和/或人身傷害的風險，包括以下內容：

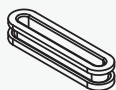
- 使用前請閱讀所有說明。
- 拆除所有包裝材料，並仔細檢查您的冰飲機，確保其狀況良好，且冰飲機、電源線或插頭均無損壞。
- 如果電源線損壞，必須由製造商、其維修代理商或具備類似資質的人員進行更換，以避免發生危險。
- 本電器不供生理、感知或心理能力較弱，或缺乏經驗和知識的人士（包括兒童）使用，除非有負責其安全的人員對他們進行有關使用本電器的監督或指導。
- 應對兒童進行監督，以確保他們不會將本電器當作玩具嬉戲。
- 8歲及以上的兒童以及生理、感知或心理能力較弱或缺乏經驗和知識的人士，在接受有關安全使用本電器的監督或指導並瞭解相關危險的情況下，可以使用本電器。
- 兒童不得玩耍本電器。未經監督，兒童不得進行清潔和用戶維護工作。
- 本電器旨在用於家用及類似用途，例如：
 - 商店、辦公室及其他工作環境中的員工廚房區域；
 - 農舍，以及飯店、汽車旅館和其他住宅型環境中的顧客；
 - 民宿型的環境。
- **警告：**請勿在本電器中存放易爆物品，例如帶有易燃推進劑的噴霧罐。
- **重要安全警告：**
 - 保持電器外殼或內置結構中的通風口暢通無阻。
 - 除製造商推薦的方法外，切勿使用機械裝置或其他手段來加速除霜過程。
 - 切勿損壞制冷劑迴路（冷媒管道）。
 - 除非是製造商推薦的類型，否則切勿在電器的食品儲藏室內部使用電器。
 - 擺放本電器時，請確保電源線未被壓住或損壞。
 - 切勿在電器後方放置多個便攜式插座或便攜式電源。
 - 廢棄處置本電器時，僅限於授權的垃圾處置中心進行。切勿接觸明火。
 - 請勿在本電器中存放易爆物品，例如含有易燃推進劑的噴霧罐。
 - 僅能加入可飲用的液體/原料。

制冷劑（R290 冷媒）為易燃物。



注意：火災危險 / 易燃材料

- 本電器的制冷劑迴路中含有制冷劑 (R290)，這是一種具有高度環保性的天然氣體，但仍具易燃性。在運輸和安裝電器過程中，請確保制冷劑迴路的所有組件均未受損。
- 若制冷劑迴路受損：
 - 避免明火與火源。
 - 將放置電器的房間充分通風。
- 請根據當地法規處置本電器中所使用的易燃制冷劑和發泡氣體。
- 首次使用冰飲機前，請在擺放好機器後靜置 2 小時，並保持透明蓋打開至少 2 小時。
- 請確保電壓符合額定標籤上註明的電壓範圍，並確保插座接地良好。
- 切勿倒置本產品或傾斜超過 45 度角。
- 為防止觸電風險，切勿將水倒在電源線、插頭或通風口上，也不得將電器浸入水或任何其他液體中。
- 使用完畢後或清潔前，請拔掉電器插頭。
- 請保持電器距離其他物品至少 30 公分，以確保良好散熱。
- 請勿使用非製造商推薦的配件。
- 請勿在明火、電熱板或爐具附近使用本電器。
- 切勿頻繁開關電源 (每次使用間隔至少等待 5 分鐘)，以免損壞壓縮機。
- 請勿在戶外使用。
- 切勿使用去污粉或堅硬的器具/工具進行清潔。
- 請妥善保存本說明書。
- 為避免食物受污染，請遵守以下指示：
 - 長時間打開門會導致電器內部的溫度顯著升高。
 - 定期清潔可能與食物接觸的表面以及可接觸到的排水系統。
 - 若製冷電器長時間空置，請關閉電源、除霜、清潔並擦乾，並保持門打開，以防止電器內部滋生黴菌。
- 關於使用本電器的相關資訊，請參閱以下段落。
- 零組件應以相同規格的組件替換，且維修作業應由原廠授權的維修人員進行，以儘可能降低因零件錯誤或維修不當而引燃的風險。
- 當維修人員進行維修操作時，若有可能接觸到馬達金屬外殼/電控箱蓋，請先斷電再進行維修操作。
- 請勿將手指伸入出料口 (出冰口)，以免發生危險。
- 僅供室內及家用。



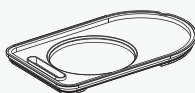
1

進料口密封圈



2

冰槽密封圈



3

冰槽上蓋



4

進料托盤



5

出料口密封圈
(其中一個為備用件)



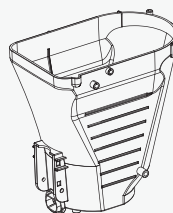
6

攪拌刀軸密封圈



7

攪拌槳



8

原料槽



9

星形出料嘴



10

出料口外殼



11

按壓拉桿



12

出料口主體



13

出料口活塞



14

出料口內側插銷



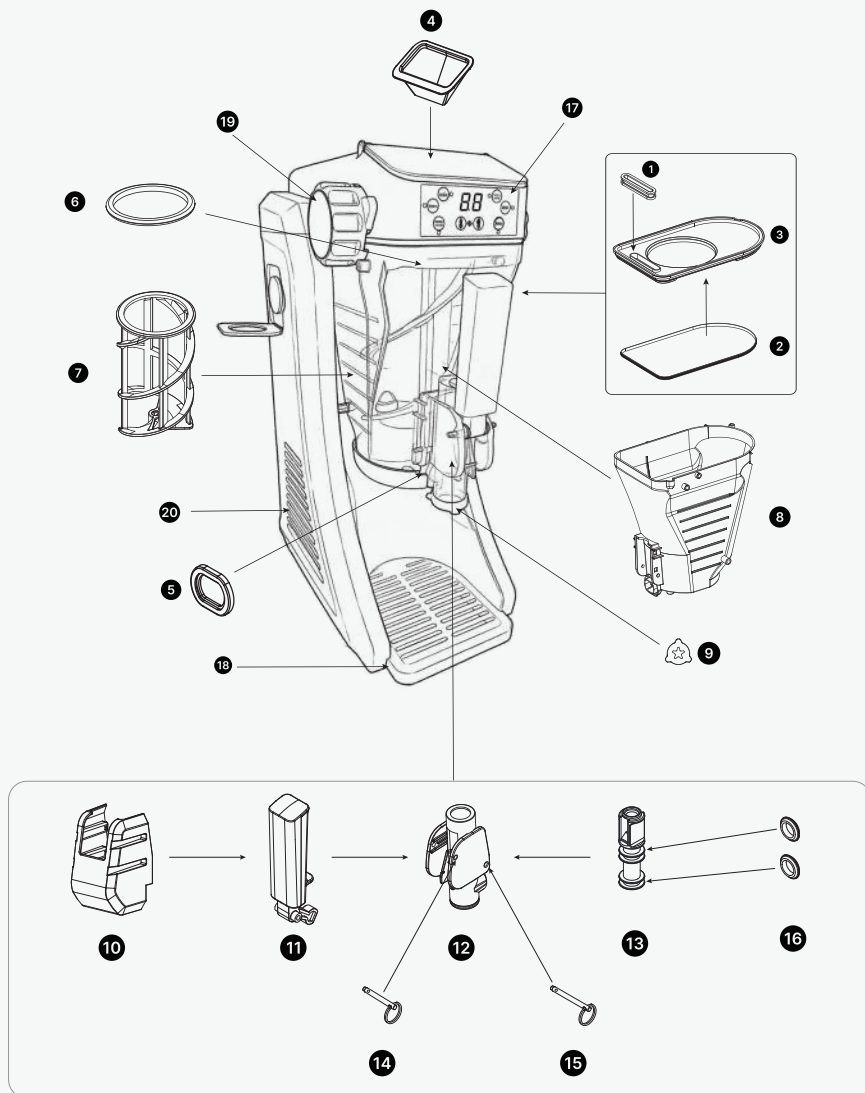
15

出料口外側插銷



16

出料口密封圈
(為備用件)

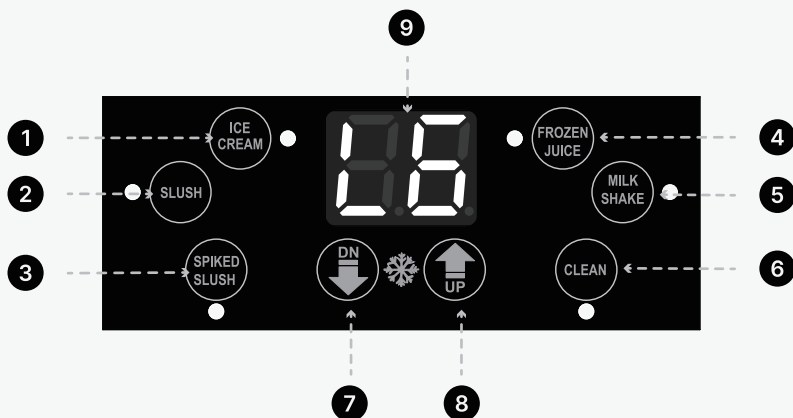


17
控制面板

18
滴水盤

19
冰槽鎖扣

20
散熱口



1. 冰淇淋模式

預設溫度等級為 7。最適合製作質地較濃稠、可用勺子挖取的冰淇淋。混合物中的含糖量必須至少達到 30%。

2. 冰沙模式

預設溫度等級為 3。最適合製作冰沙和碳酸混合飲料。混合物中的含糖量必須至少達到 13%。

3. 含酒精冰沙模式

預設溫度等級為 5。最適合製作含有酒精的混合飲料。酒精含量必須至少達到 6%。

4. 冷凍果汁模式

預設溫度等級為 3。最適合流動性較高的混合液體。混合物中的含糖量必須至少達到 13%。

5. 奶昔模式

預設溫度等級為 4。最適合製作含乳製品或較高脂肪活性的濃稠飲品。混合物中的含糖量必須至少達到 30%。

6. 自動清潔按鈕

啟動預清潔沖洗程序。請參閱接下來兩頁的維護與清潔步驟。

7. “向下” 按鈕

降低製冷強度 (溫度較高 / 質地較軟)。

8. “向上” 按鈕

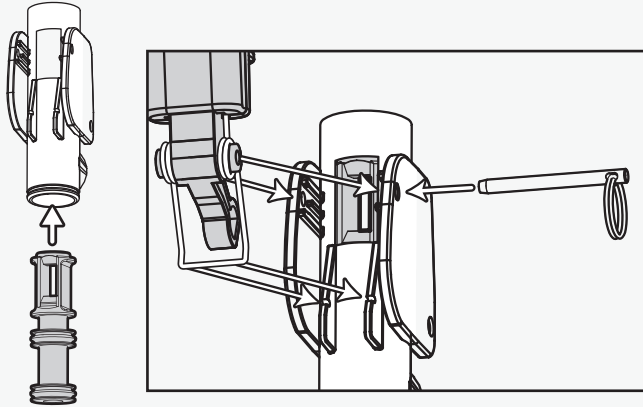
提高製冷強度 (溫度較低 / 質地較硬)。

9. 顯示螢幕

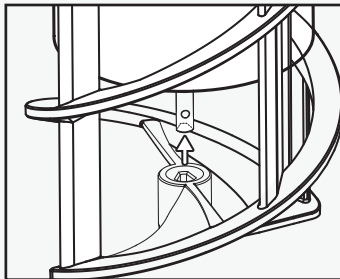
顯示所選的製冷強度等級 (範圍為 1 到 9)。數字越高代表製冷越強, 質地越濃稠堅實; 數字越低代表製冷越溫和, 質地越柔軟、偏液態。

組裝前請確保所有零件乾燥。

- **活塞與密封圈：**將兩個出料口活塞密封圈裝入活塞上的槽溝中。將活塞插入出料口主體，對齊活塞與主體上的孔位。
- **手把：**將出料口手把上的彈簧接頭扣入出料口主體的槽溝中。將手把延伸部推入主體上的孔內。使用出料口內側插銷固定。(參見下方圖片)



- **出料口密封圈與安裝：**將出料口密封圈插入冰槽 (原料槽) 的出料口孔中。將出料口主體裝至冰槽上，並用出料口外側插銷固定。
- **冰槽蓋密封圈與攪拌刀密封圈：**將進料口密封圈插入冰槽蓋上靠近進料口的小凹槽內。將冰槽密封圈插入冰槽蓋的中央凹槽中。將攪拌刀軸密封圈沿著冷媒製冷柱向上滑動，直到平貼底部。將冰槽蓋放置於製冷柱上並向下按壓，使所有密封圈就位。
- **攪拌槳：**小心地將攪拌刀推入製冷柱。將攪拌刀底部的開口/缺口對準製冷柱底部的定位銷。攪拌刀應平貼並能自由旋轉，切勿用力蠻力推壓。



- **安裝冰槽：**抬起冰槽，套入製冷柱並到位。托住冰槽底部的同時，逆時針旋轉冰槽鎖扣，將其牢固鎖定到位。
- **托盤：**組裝滴水盤並將其滑入到位。將進料托盤插入電器頂部的開口中。

在倒入原料前請先檢查冰槽（混合槽），以確保其已正確安裝（拆卸與組裝步驟請參閱「清潔」章節；首次使用前，請先安裝集水盤），打開加料口（加料桶）的頂蓋，然後將原料慢慢倒入加料口中，液體容量應遵循下方所列的最大原料用量指南。



最大加料容量	飲料類型
1500ml (≈ 51 fl oz)	乳製品、含酒精飲料
2000ml (≈ 68 fl oz)	碳酸飲料、果汁類

操作須知：當機器底部的剩餘混合料少於約 400 毫升時，將不再持續製冷。若長時間放置，會因溫度上升而融化。請及時食用/使用，以避免原料浪費、細菌滋生及食品安全風險。

使用小貼士

1. 所有飲料和冰淇淋成品都需要糖。低糖或無糖混合物可能會導致結冰塊，進而造成電器損壞。
2. 酒精飲料的酒精含量必須至少達到 6%，以避免過度凍結。低酒精混合物可能會導致結冰塊，進而造成電器損壞。
3. 避免將過冷（低於 32°F/0°C）或過熱（高於 104°F/40°C）的混合液倒入電器中。溫度介於 35°F-45°F/2°C-7°C 之間可提供最快的製作效果。
4. 碳酸飲料在電器內會膨脹。請勿超過推薦的最大加料容量。
5. 無糖液體不能直接原樣在電器中使用。必須添加糖、蜂蜜或其他含糖甜味劑，以避免結冰塊及對電器造成潛在損壞。

最佳冰沙冷凍原料指南

為確保冰沙產品的適當冷凍與質地稠度，原料配比必須符合以下標準：

含糖量與成分指示

- 單一原料配方必須包含至少 6% 的含糖量。
- 多原料混合配方要求總含糖量至少達到 10%。
- 含酒精混合物的酒精濃度 (ABV) 必須介於 2.8% 至 16% 之間。
- 盛裝享用前將杯子預冷，以獲得最佳口感。
- 糖分不足或酒精過多可能會抑制冷凍過程，並影響產品品質。

組裝前請確保所有零件乾燥。

1. 用柔軟的濕布擦拭電器外部。切勿使用清潔溶劑或磨砂清潔劑。
2. 將溫水倒入冰槽內，水位介於最低與最高刻度線之間
3. 按下清潔按鈕啟動沖洗程序。機器將開始運轉並旋轉攪拌刀，以鬆動任何頑固殘留物。該過程約需 10 分鐘。
4. 程序結束後，拔掉電器插頭。在大水桶或水槽上方，打開出料口將冰槽排空。
5. 將冰槽鎖扣向前旋轉以解鎖冰槽，然後將冰槽向下拉出，注意托住底部。
6. 按照拆卸步驟拆解電器。務必取下並分開所有密封圈。
7. 用溫和的洗碗精手洗所有零件。
8. 用柔軟的濕布擦拭冷媒製冷柱。若電器內曾使用過乳製品，請檢查製冷柱底部是否有殘留物並擦拭乾淨。
9. 在重新組裝以備下次使用或存放前，請讓所有零件徹底晾乾。

注意：切勿將零件放入洗碗機中，這可能會導致變形。

注意：用 1:3 的醋與溫水混合液流經電器是安全的，但僅靠此方法進行清潔是不夠的。

警告：組裝/拆卸電器前，請務必斷開電源。執行完清潔沖洗程序後，請先斷開電源再繼續後續清潔工作。切勿用濕手拔插電源。

警告事項

- 避免損壞冷媒管路。
- 移動電器時，切勿用力推、拉或拖拽，特別是避免碰撞電器機身周圍的冷媒管路。
- 專業維修：若您需要維護或修理電器，請聯絡專業人員。切勿擅自拆卸製冷系統，以免造成洩漏或設備故障。
- 本產品非製冰機。結冰塊會導致螢幕顯示 88 錯誤代碼，並可能損壞電器。切勿將純水、無糖/代糖飲料或無糖液體倒入電器中。

保養小貼士：

- 保持直立狀態存放電器，並將所有零件組裝齊全。
- 存放在乾燥、通風良好的地方。避免陽光直射和高濕度環境。
- 每次使用之間請徹底清潔電器。若長時間未使用，請在再次使用前進行清潔。

- 壓縮機保護功能：為防止壓縮機頻繁啟動，在製冷過程中，若關機後 3 分鐘內重新啟動，壓縮機保護功能將延遲啟動約 3 分鐘。但是，如果您拔下電源線超過 20 秒後再插上並開機，機器將預設直接啟動，不會有延遲。
- 冰槽安全聯鎖：為防止加料桶組件脫落或取出後，冰槽分離對人體造成異常操作或人身傷害，加料桶組件與機器主體設有觸點開關。當加料桶組件脫落或取出後，機器將無法啟動。

冰槽(原料槽)、攪拌刀槳、接水盤和滴水盤皆可用洗碗機清洗，或按以下步驟手洗：

1. 在水盆中準備約 8 公升溫水(約 40-50 度)和專用清潔劑，請遵循製造商說明，避免過量清潔劑損壞待清洗零件。
2. 使用合適的刷子和清潔液徹底清洗所有接觸原料的零件。
3. 用流動的水沖洗所有清洗好的零件。
4. 使用軟毛刷清潔蒸發器圓筒及其後方的密封圈。
5. 最後，用乾毛巾擦乾或風乾已清洗零件的表面。

警告：清潔前必須拔掉插頭，以防觸電。

- 使用後請及時清潔加料桶組件、接水盤、攪拌刀等，以避免產生異味。
- 清潔時請使用濕布擦洗，切勿使用刷鍋鋼絲球等磨砂清潔球擦洗。
- 用濕布擦拭透明蓋。使用濕布清除主體或其他表面的污垢，切勿將水倒在電源線、插頭和通風口上，也不得將電器浸入水或任何其他液體中。
- 用乾布徹底擦乾後，將組件裝回原位。
- 包裝內包含一個大號和兩個小號的矽膠圈備件。如果您發現蒸發器密封圈或出料口有滴漏現象，只需取下受損的密封圈並更換為合適的備件即可。

操作限制

- 切勿加入冷凍水果、冷凍蔬菜或冰塊。
- 切勿加入熱的原料。
- 切勿超過最大容量。
- 請過濾天然果汁，以避免堵塞出料嘴。
- 避免使用無糖或低糖飲料。
- 人工甜味劑(代糖)不計入所需的含糖量。
- 本機器非攪拌機/破壁機。切勿嘗試粉碎或研磨非液體物質。

注意事項

- 為防止原料膨脹造成負載過重及溢出，原料不得超過最大容量。機器在達到最大裝載容量時製作冰沙效果最佳，因此請儘量按照最大容量製作冰沙。
- 機器運作的完成時間會因環境溫度、原料初始溫度、含糖量及軟硬度設定等因素而有所不同。
- 原料的糖度 (Brix, 含糖百分比) 必須大於 6%；酒精含量必須高於 2% 且低於 16%；否則請勿操作機器。若不遵守指示，可能導致蒸發器結冰、刮傷攪拌刀槳，並損壞機器。
- 將預冷的原料倒入加料桶中，可進一步提高製作效率。
- 若使用天然果汁，建議進行過濾，以防止固體顆粒堵塞出料嘴。
- 製作冰沙時請勿停止攪拌馬達，因為在液體凝固或結冰後重新啟動，可能會導致攪拌失敗。
- 在潮濕天氣或長時間運轉時，加料桶外部出現凝結水屬於正常現象。

產品資訊

型號: ICE-2050

電流: 1.2-1.32 A	製冷劑: R290 / 23 g
氣候類型: N/SN	尺寸 (長×寬×高): 215×359×523 mm

配件清單

滴水盤: 1	星形冰淇淋出料嘴蓋: 2
使用說明書: 1	大號矽膠圈 (蒸發器密封圈): 1
滴水盤蓋: 1	小號矽膠圈 (出料口用): 2

本產品的正確處置方式



此標誌表示本產品不應與其他家庭垃圾一同處置。為防止未受控制的廢棄物處置可能對環境或人類健康造成的危害，請負責任地進行回收，以促進材料資源的可持續再利用。如需退回您使用過的設備，請使用退回與收集系統，或聯繫購買該產品的零售商。他們可以接收此產品並進行環保安全的回收處理。

故障現象	原因分析	解決方法
攪拌刀刮擦聲 / 阻力過大	含糖量過低導致蒸發器結冰, 或溫度設定過低使混合物過硬。	使用含糖量較高的原料。
	原料含糖量不足, 需更換為更高含糖量的原料。	檢查並糾正攪拌刀槳的組裝。
	檢查攪拌刀是否組裝正確, 或是否已損壞/變形。	更換新的攪拌刀槳。
無法運作	冰槽 (混合槽) 未正確安裝; 與微動開關接觸不良。	重新組裝冰槽。安裝冰槽前, 請確保攪拌刀已正確安裝。確保冰槽已牢固鎖定位。若重新組裝後問題仍存在, 請聯繫授權維修中心進行維修。
	感測器開路 / 斷路	關閉電源並拔下主機插頭, 等待 20 秒後重新插上電源並開機。若問題仍未解決, 請聯繫授權維修中心進行維修。
	馬達堵轉或霍爾感測器故障。	

如需服務協助與產品資訊，您可透過以下渠道找到我們。



@novamatrix

support@novamatrix.com

一年保固

本產品自原始交付給消費者之日起一年 (1 年) 內，保證在材料與工藝上無瑕疵。在此期間，您唯一的補救措施為由我們選擇維修或更換被發現有缺陷的產品或零件；但您須負擔將產品退回給我們的所有相關費用。若該產品或零件已不再供應，我們將以價值相當或更高的類似產品進行更換。在寄出更換品之前，產品必須先被使其無法運作，或退回給我們。

本保固不涵蓋玻璃、過濾器、正常使用下的磨損、未依印製說明使用，或因意外、改動、濫用或誤用所造成之產品損壞。本保固僅適用於原始消費者購買者或禮品收受者。請保留原始銷售收據，因為提出保固索賠時需提供購買證明。若產品用於非單戶家庭使用，或承受標籤上額定規格 (例如 120V~60Hz) 以外的任何電壓及波形，則本保固無效。

我們排除因違反明示或默示保固所造成之特殊、附帶及衍生性損害賠償的所有索賠。所有責任僅限於購買價格之金額。**所有默示擔保，包括任何法定擔保或適銷性或特定用途適用性之條件，均予以免責，但法律禁止之範圍除外；在此情況下，該等擔保或條件僅限於本書面保固之期限內。**本保固賦予您特定的法律權利。您可能擁有其他法律權利，因居住地而異。某些地區不允許對默示擔保或特殊、附帶或衍生性損害賠償加以限制，因此上述限制可能不適用於您。

為獲得更快速的服務，請在您的電器上找到型號、類型和序號。

請在此處附上您的購買證明，取得保固服務時需提供購買證明。
當您聯絡支援團隊時，請備妥下列資訊。

- 姓名、地址和電話號碼。
- 型號和序號。
- 清楚詳細的問題描述。
- 購買證明，包括經銷商或零售商名稱、地址及購買日期。