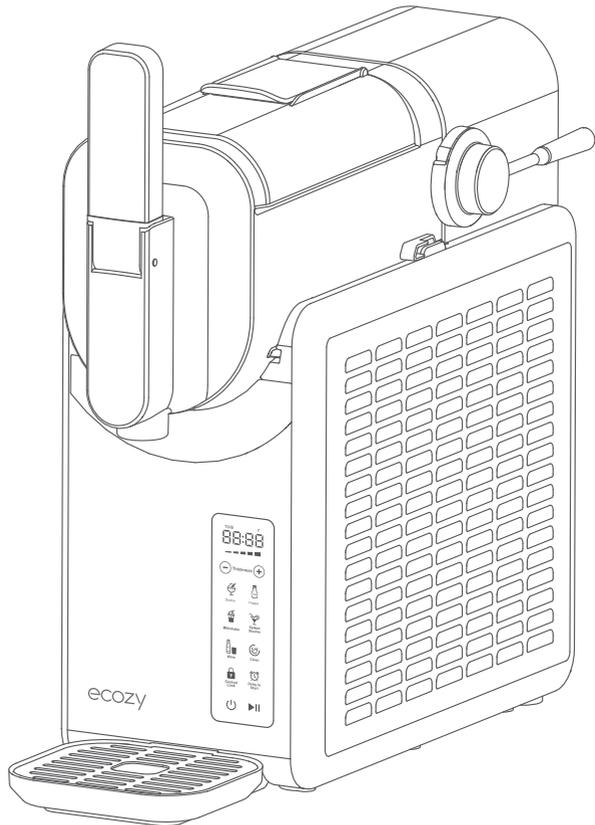


ecozy

# FROZEN DRINK MAKER

## SM-FS201A



## User Manual

Please read this manual carefully before use and keep it for future reference.

Thank you for purchasing from ecozy.  
If you have any questions or need further assistance,  
please contact us at  
**support@ecozy.com**  
or call us via hotline  
**(443)991-8777(UTC 14:00-22:00,Monday to Friday).**

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# IMPORTANT SAFETY INSTRUCTIONS

- Verify that the power supply voltage matches the rating on the nameplate of the appliance, the plug matches the socket, and the socket is well-grounded.
- Do not use this appliance if the power cord, socket, or any other electrical component is damaged.
- 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.
- Do not use an extension cord.
- Do not turn the appliance upside down or tilt it more than 45°.
- The plug and air outlet should not be exposed to water, and the appliance should not be submerged in water or any other liquid to prevent electric shocks.
- When not in use or before cleaning (excluding self-cleaning), unplug the appliance.
- Maintain a distance of 3.2 inches (8 cm) between the air vents and nearby objects during operation to ensure proper heat dissipation.
- Do not use any accessories not provided or recommended by the manufacturer.
- 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.
- Do not use this appliance near high-temperature gas or electric stoves to prevent accidents.
- Do not start the appliance frequently, allowing at least a 5-minute interval between each startup, to prevent damage to the compressor.
- For proper operation, maintain a room temperature between 41°F and 90°F (5°-32°C).
- Do not pour liquids or start the machine when the freezer bowl or the mixing paddle is not in place.
- Do not put metal sheets or other conductive materials in the appliance to prevent fires or short circuits.
- During operation, do not remove the freezer bowl.
- Do not use chemical detergents and abrasive tools to clean the appliance.
- Do not pour hazardous liquids into the bowl.
- Keep the lid closed when the appliance is working.

- If you start the appliance with an empty bowl, you may hear slight scraping sounds from the mixing paddle against the evaporator, which is normal.
- Do not use outdoors.
- 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.
  - Warning: Keep ventilation openings, in the appliance enclosure or in the built-in structure, clear of obstruction.
  - Warning: Do not use mechanical devices or other means to accelerate the defrosting process, other than those recommended by the manufacturer.
  - Warning: Do not damage the refrigerant circuit.
  - Warning: Do not use electrical appliances inside the food storage compartments of the appliance, unless they are of the type recommended by the manufacturer.
  - WARNING: When positioning the appliance, ensure the supply cord is not trapped or damaged.
  - WARNING: Do not locate multiple portable socket-outlets or portable power supplies at the rear of the appliance.
  - WARNING: When disposing of the appliance, do so only at an authorized waste disposal centre. Do not expose to flame.
  - WARNING: fill with potable water only.
- The refrigerant (R290) is flammable.



Caution: risk of fire / Flammable materials

: The refrigerant isobutene (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.

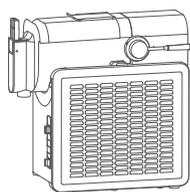
: Discard products according to local regulations.

If the refrigerant circuit should be damaged:

- Avoid opening flames and sources of ignition.
- Thoroughly ventilate the room in which the appliance is situated.
- 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 during service operations, if it is possible to touch the motor metal enclosure/electrical control box cover, please power off for service operations.
- Before using the appliance for the first time, please wait 2 hours after positioning it, and keep the transparent lid open for at least 2 hours.
- Pure water is not allowed to be used on this unit, spring water is recommended.
- 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 use the accessories which are not recommended by Manufacturer.
- 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.
  - Clean water tanks if they have not been used for 48 h; flush the water system connected to a water supply if water has not been drawn for 5 days.
  - 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.

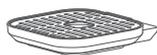
## PACKAGE CONTENTS



Frozen Drink Maker x 1



Dispensing Handle x 1



Drip Tray x 1



User Manual x 1

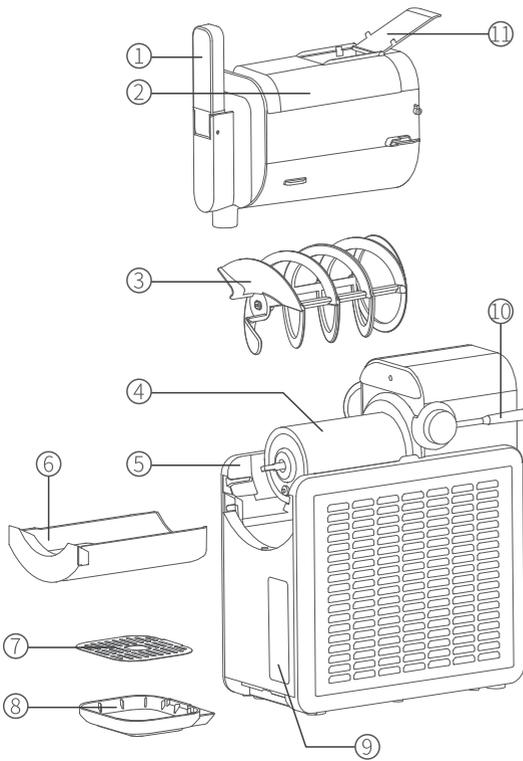


Recipe Book x 1

\* If any part is missing, please contact our customer service.

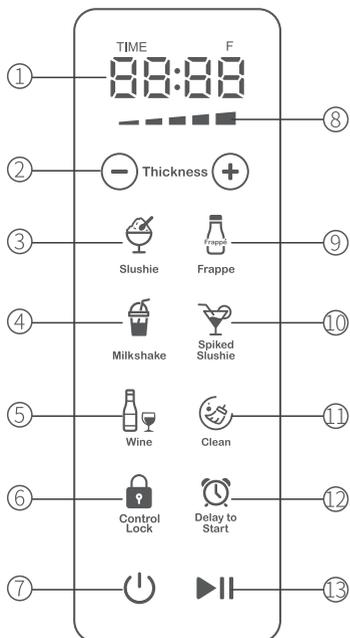
# PRODUCT OVERVIEW

## Frozen Drink Maker



- ① Dispensing Handle
- ② Bowl
- ③ Mixing Paddle
- ④ Evaporator
- ⑤ Machine Body
- ⑥ Water Container
- ⑦ Perforated Cover
- ⑧ Drip Tray
- ⑨ Control Panel
- ⑩ Bail Handle
- ⑪ Lid

## Control Panel



- ① Digital Display
- ② Thickness/Time Adjustment Buttons
- ③ Slushie Mode
- ④ Milkshake Mode
- ⑤ Wine Mode
- ⑥ Control Lock
- ⑦ Power Button
- ⑧ Slush Thickness Indicators
- ⑨ Frappe Mode
- ⑩ Spiked Slushie Mode
- ⑪ Self-Cleaning Mode
- ⑫ Scheduled Start
- ⑬ Start/Stop Button

## PRESETS

Preset Name	Designed For
Slushie	Sugar-sweetened beverages
Milkshake	Dairy and creamy beverages
Wine	Red wine, white wine
Frappe	Coffee
Spiked Slushie	Cocktails, margarita, beer, and other alcoholic beverages

# INGREDIENT GUIDELINES

Too little sugar or too much alcohol can prevent the slush from freezing properly. Single-ingredient inputs must contain at least 6% sugar; mixed inputs must contain at least 10% sugar; alcoholic inputs must contain between 2.8% and 16% alcohol.

## Sugar Guidelines

Please carefully review the beverage's nutrition facts label to ensure that the sugar content meets the recommended minimum amount (at least 6%).

Serving Size	Minimum Total Sugar Amount
8 oz (240 ml)	15g
12 oz (355 ml)	20g
20 oz (591 ml)	35g

### Example: Cola

**Nutrition Facts**  
1 serving per container

Serving Size	1 Bottle (20 FL OZ)
Amount per serving	
Calories	240
	% Daily value*
<b>Nutritional Composition</b>	
Total Fat 0g	0%
Sodium 75mg	3%
Total Carbohydrate 65%	24%
<b>Total Sugars 65g</b>	-
Includes Added Sugars 65g	130%
Protein 0g	

**Ingredients**  
CARBONATED WATER, HIGH FRUCTOSE CORN SYRUP, CARAMEL COLOR, PHOSPHORIC ACID, NATURAL FLAVORS, CAFFEINE.

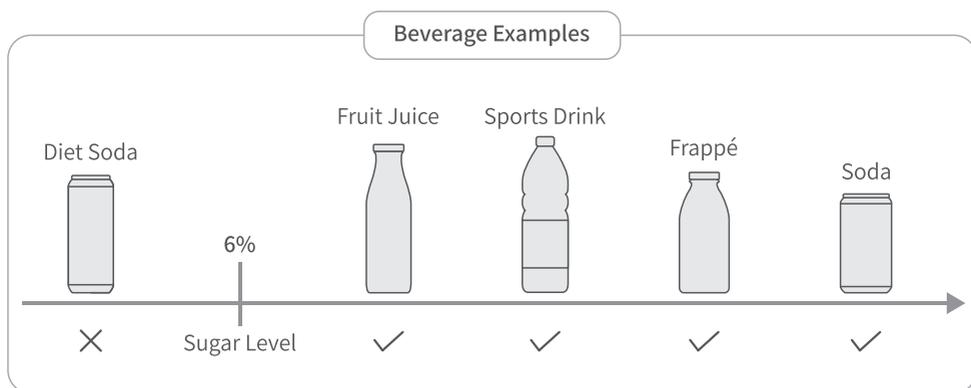
Serving Size = 591 ml

Total Sugars = 65g  
(Meet the requirement)

If the beverage does not meet the minimum sugar requirement, it may result in issues like unformed slush, abnormal sounds, auto-stop, E3 error, etc.

To address this:

Add 1-2 tablespoons of flavored syrup, juice, sugar, date sugar, coconut sugar, maple syrup, rock candy, simple syrup, honey, etc., per serving. Mix the additional sugar with the base ingredients before pouring into the bowl.



## Alcohol Guidelines

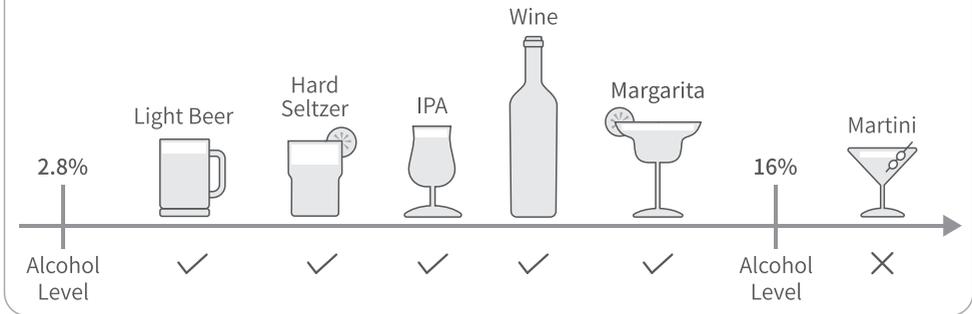
When using the **Wine** or **Spiked Slushie** mode, all inputs must contain alcohol between 2.8% and 16%. For 35%+ spirits and hard alcohol (vodka, tequila, etc.), refer to the chart below for the maximum alcohol content per total recipe size.

Total Recipe Size	Maximum Alcohol Amount
3 cups (24 oz)	1/2 cup (4 oz)
6 cups (48 oz)	1 cup (8 oz)

If the alcoholic drink exceeds the maximum alcohol amount, add 1/4 cup of water, soda, tea, or coffee per serving to dilute it.

You can use other alcoholic drinks like wines, beer soda, or premade cocktails.

## Beverage Examples



### Notes:

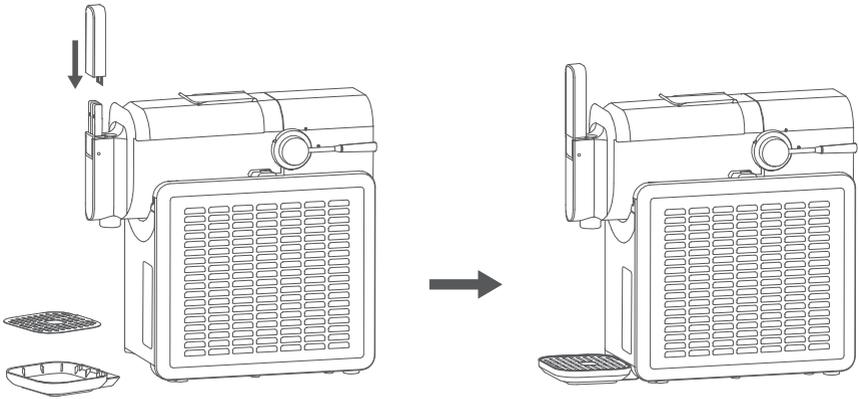
- \* Do not add frozen fruit, frozen vegetables, or ice.
- \* Do not add hot ingredients.
- \* When using natural fruit juices, strain them to prevent solid particles from clogging the pour spout.
- \* Avoid using sugar-free and low-sugar beverages to prevent problems like a frozen evaporator, mixing paddle noises, and machine damages. Sugar-free substitutes or artificial sweeteners do not help meet the minimum required total sugar content.
- \* If you're uncertain about the alcohol level of an alcoholic beverage, do not fill it to the bowl's maximum mark. Leave room for adjustments.

## BEFORE FIRST USE

- 1 Unpack the machine, then remove all the packaging materials.
- 2 Clean and dry all parts that will be in contact with liquids, including the evaporator, bowl, and mixing paddle. For a thorough cleaning process, please refer to the **CLEANING AND MAINTENANCE** section.
- 3 Place the machine on a flat surface.
- 4 Install the dispensing handle and drip tray.

(1) Align the dispensing handle with the slot, ensuring it is in the correct direction, and then press to install it securely.

(2) Attach the perforated cover to the drip tray and insert it.

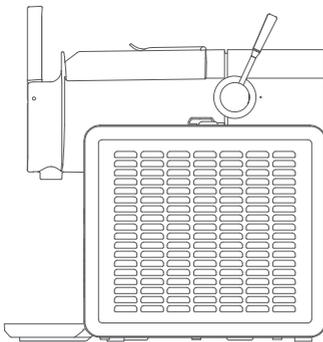


5 Keep the machine upright for 2 hours before use.

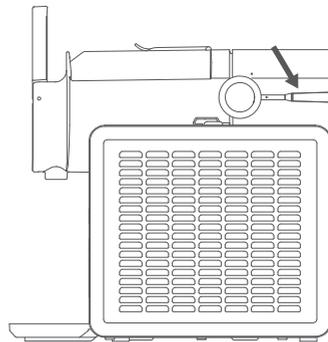
## USE THE FROZEN DRINK MAKER

### Add Ingredients

Before adding ingredients, ensure the mixing paddle and the bowl are installed securely, and then lock the bowl by pressing down the bail handle.

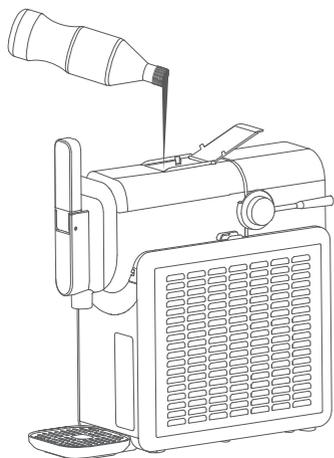


Unlocked



Locked

Open the lid and add ingredients into the bowl, keeping the liquid level between the minimum and maximum level marks. Then, Close the lid.

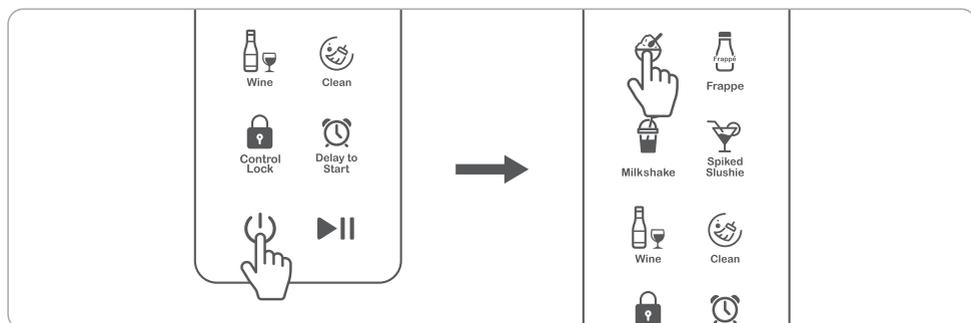


#### Notes:

- \* Pre-cooling the ingredients can enhance production efficiency.
- \* If the liquid exceeds the maximum mark, the slush might overflow during the making process. If it's below the minimum mark, the slush won't form.

## Start/Stop Making Slushie

- 1 Plug the machine into a well-ground outlet. The  indicator will start flashing slowly.
- 2 Press the **Power** button to turn on the machine.
- 3 Select your desired slush mode by pressing the corresponding button. The mode indicator will start flashing.



- 4 Use the "-" and "+" buttons to adjust the slush thickness. There are a total of 5 levels, displayed by indicator lights. More lights indicate a colder slush.



**Tip:**

During slush making, you can also adjust the thickness using the "-" and "+" buttons.

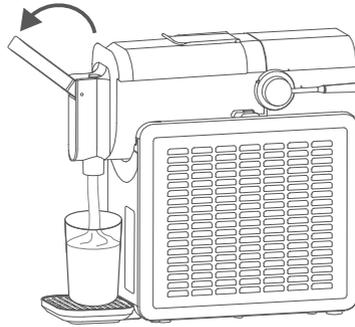
- 5 Press the **Start/Stop** button to start slush making; press it again to stop the process.



**Tips:**

- \* After the machine has been operational for 1 minute, the **Control Lock** function will be activated, with the indicator lighting up. Accidental pressing of buttons other than "-" and "+" will sound alarms. To unlock, press and hold the **Control Lock** button for 3 seconds (display showing a 3-second countdown).
- \* To display the bowl's internal temperature, press and hold the **Delay to Start** for 2 seconds.
- \* While in operation, **avoid stopping the machine unnecessarily**, as this may lead to the mixing paddle getting stuck when restarting after the liquid freezes.
- \* During humid weather or prolonged operation, condensation on the outer surface of the bowl is normal.

- 6 When the slush is ready, the machine will emit beep sounds, and the display will show **COOL**. You can place a cup on the drip tray and slowly pull the dispensing handle to release the slush. To stop, release the handle back into place.



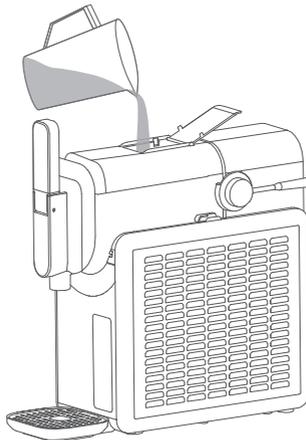
#### Tips:

- \* The slush-making duration can take 15-60 minutes based on ambient temperature, ingredient temperature, sugar content, and slush thickness.
  - \* After the slush is ready, the machine will keep running to keep the slush at the ideal temperature. You will need to keep the machine running to dispense the slush.
- 7 After all the slush is dispensed, press and hold the **Control Lock** button for 3 seconds to unlock. Then you can perform a cleaning program or press the **Power** button to turn off the machine.

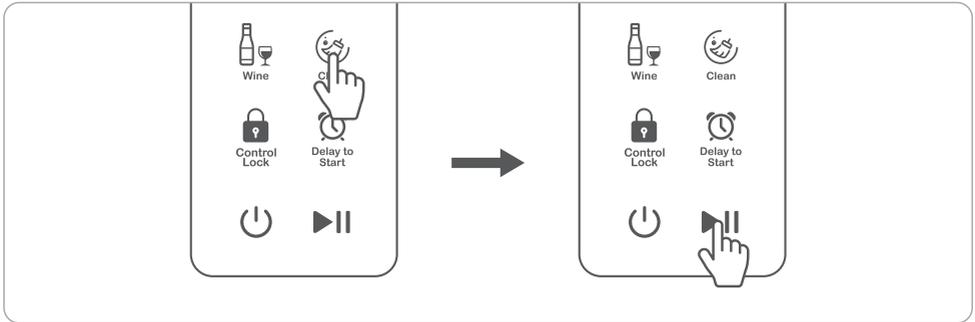
## Self-Cleaning Mode

It's recommended to perform a self-cleaning after all the slushie is dispensed.

- 1 Fill the bowl with clean water up to the maximum level mark. Ensure the water temperature is below 122°F (50°C).



- 2 Ensure that the **Control Lock** is unlocked, press the **Clean** button, and then press the **Start/Stop** button to start the cleaning process. This process takes about 4 minutes. You can also press the **Start/Stop** button to stop it.



- 3 After cleaning, empty the water from the bowl by pulling the dispensing handle. If the bowl is not clean enough, repeat the cleaning process.

**Tip:**

To disassemble and thoroughly clean the bowl, refer to the **CLEANING AND MAINTENANCE** section.

## Delay to Start

You can use this function to program the machine to start making slushie at a later time.

- 1 After selecting your preferred slushie mode and thickness, press the **Delay to Start** button to activate the function, indicated by the corresponding light.



- 2 Use the "+" and "-" buttons to adjust the time. Each press adjusts the time by 30 minutes. The setting range is up to 24 hours. For example, if you set it to 5 hours, the machine will start making slush after 5 hours.



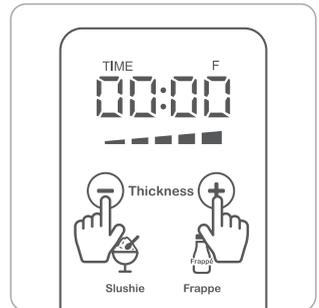
- 3 Press the **Start/Stop** button to confirm the setting, or the time setting will be automatically saved after one minute of no button press. The display will show the countdown, and the machine will automatically enter cooling mode at 41°F (5°C).

### Tips:

- \* To modify the scheduled time, press and hold the **Control Lock** button for 3 seconds, press the **Delay to Start** button, and then use the "+" and "-" buttons to reset the time.
- \* To cancel/restart the cooling mode, simultaneously press and hold the "+" and "-" buttons for 2 seconds. The display will show **ON** or **OFF** accordingly.
- \* To cancel **Delay to Start**, press and hold the **Control Lock** button for 3 seconds, and then press the **Start/Stop** button.

## Mute/Unmute

To mute the sound, make sure the **Delay to Start** function is inactive, and then simultaneously press and hold the "+" and "-" buttons for 2 seconds. Repeat the same process to unmute the sound.



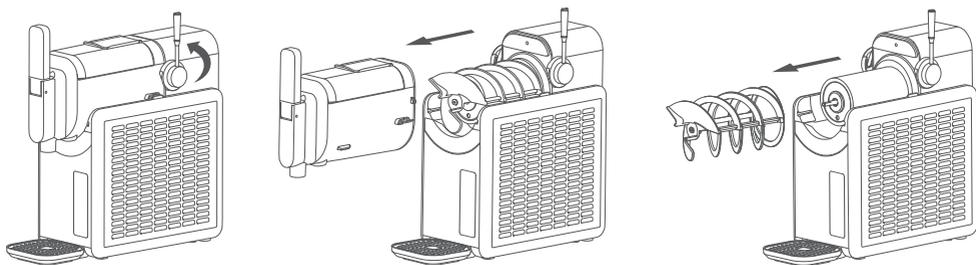
# CLEANING AND MAINTENANCE

## Notes:

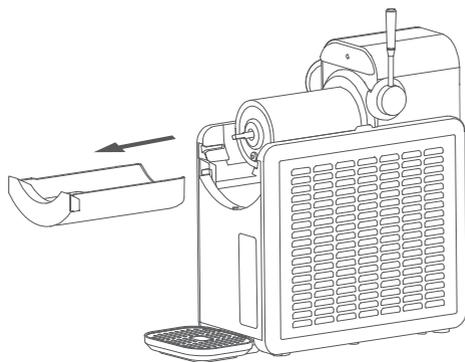
- \* Before cleaning, make sure the machine is unplugged to avoid potential electric shocks.
- \* Remember to clean the bowl, mixing paddle, drip tray, and water container promptly after each use to prevent odors.
- \* The bowl, mixing paddle, drip tray, and water container are dishwasher safe. Use only the cool water mode to wash them; avoid any heated or dry cycles.
- \* Do not use chemical detergents and abrasive cleaners (such as scrubbing pads) to clean the parts.

Before disassembly, add clean water into the bowl, start the self-cleaning program (about 4 minutes), and then pull the dispensing handle to empty the water from the bowl.

- 1 Unplug the machine, lift the bail handle to unlock the bowl, take out the bowl and mixing paddle for cleaning.

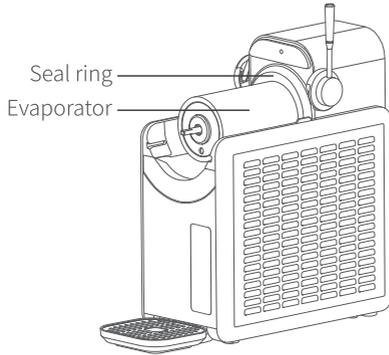


- 2 Slide the water container out, and empty any liquid inside.



- 3 If needed, remove the drip tray.

- 4 Hand wash all removed parts with warm water around 104-122 °F (40-50 °C), a proper brush, and a proper cleaning solution. Then rinse with water. Alternatively, you can clean them using a dishwasher.
- 5 Clean the evaporator and the seal ring using a soft brush or a warm damp cloth. Note that the seal ring cannot be disassembled or forcefully pulled to avoid deformation leading to water leakage.



- 6 Clean the machine body using a warm damp cloth. Do not rinse the machine body with water, immerse it in water, or pour water into the air vents.
- 7 Dry all parts thoroughly with a dry cloth or let them air dry before reassembling.

# SPECIFICATIONS

Model	SM-FS201A
Capacity	68Oz
Power Supply	AC 110-120 V 60 Hz
Power Consumption	200W
IEC Protection Class	I
Climate Class	N/SN
Rated Current	2.4A
Refrigerant Weight	R290 (0.74Oz/21g)
Vesicant	Cyclopentane (C5H10)
Net Weight	23 lbs/10.4kg
Dimensions	16.89x6.89x17.56 inches/429x175x446mm

# TROUBLESHOOTING GUIDE

Issue	Possible Cause(s)	Solution
Mixing paddle scraping noise	Low-sugar ingredients lead to a frozen evaporator	Replace with ingredients that have a higher sugar level.
	Mixing paddle is NOT assembled properly	Assemble the mixing paddle properly.
	The mixing paddle is deformed	Replace with a new one.
Unable to make slush	Improper slush mode	Select the appropriate slush mode.
	Thickness is not enough	Increase the thickness level.
	Alcoholic level of the beverage is too low or too high	The alcohol level of alcoholic beverages must be higher than 2.8% but lower than 16%.
	Sugar level too low	The sugar level of drink mixtures must be greater than 10%.
	Liquid is stuck at the front and not in contact with the evaporator	Option 1: Add more ingredients; Option 2: Dispense all the drink and then run a self-cleaning cycle or turn off the machine.
Display shows <b>OPEN</b>	Poor contact between the bowl component and the micro switch	Ensure the bowl is properly installed and locked. If the issue persists, please contact our service team.
E1 error code	Sensor short circuit	Turn off, unplug, re-plug, and restart the machine. If the issue persists, please contact our service team at <b>support@ecozy.com</b> .
E2 error code	Sensor open circuit	
E3 error code	Motor is stuck or Hall switch malfunctions	
Machine not working	Machine is turned off and on within 3 minutes	Wait for some time. There is a 3-minute protection time to avoid frequent compressor startups.
	Bowl is not installed in place	Install the bowl properly.