



Powerology

Aqua Frost Instant Slushie Machine

SKU: PSM012

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Before using the product, please carefully read this User Manual to guarantee correct usage and keep it secure for future reference.

Important Safety Precautions

- 1.** Read all instructions before use.
- 2.** When using an electrical appliance, basic safety precautions should always be followed to reduce the risk of fire, electric shock, and/or injury.
- 3.** Remove all packing materials and carefully inspect the product to ensure it is in good condition and that there is no damage to the appliance or power cord.
- 4.** If the supply cord is damaged, it must be replaced by the manufacturer, its service agent, or a similarly qualified person to avoid any hazards.
- 5.** 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 instructions concerning its use by a person responsible for their safety.
- 6.** Children should be supervised to ensure they do not play with the appliance and cleaning and maintenance should not be carried out by children without supervision.
- 7.** This appliance can be used by children aged 8 years and older, as well as by persons with reduced physical, sensory, or mental capabilities or lack of experience and knowledge, provided they have been given supervision or instruction regarding the safe use of the appliance and understand the associated hazards.
- 8.** This appliance is intended for use in household and similar

environments, including: Staff kitchen areas in shops, offices, and other working environments, farmhouses and by clients in hotels, motels, and other residential-type environments, bed and breakfast-type environments.

9. Do not store explosive substances, such as aerosol cans with flammable propellants, in this appliance.

10. Ensure that ventilation openings in the appliance enclosure or built-in structure are clear of obstructions.

11. Do not use mechanical devices or other means to accelerate the defrosting process, other than those recommended by the manufacturer.

12. Do not damage the refrigerant circuit.

13. Do not use electrical appliances inside the food storage compartments of the appliance, unless they are of the type recommended by the manufacturer.

14. When positioning the appliance, ensure the supply cord is not trapped or damaged.

15. Do not locate multiple portable socket-outlets or portable power supplies at the rear of the appliance.

16. When disposing of the appliance, do so only at an authorized waste disposal center. Do not expose to flame.

17. Fill with potable ingredients only.

18. Flammability Warning: The refrigerant (R290) is flammable.

Caution: Risk of Fire / Flammable Materials

The refrigerant, Propane (R290), is contained within the refrigerant circuit of the appliance. It is a natural gas with a high level of environmental compatibility but is still flammable. During transportation and installation, ensure that none of the components of the refrigerant circuit are damaged.

19. If the refrigerant circuit is damaged, avoid open flames and

sources of ignition. Thoroughly ventilate the room in which the appliance is situated.

20. Before using the Frozen Drink Maker for the first time, wait 2 hours after positioning it, and keep the transparent lid open for at least 2 hours.

21. Pure water is not allowed for use with this unit; spring water is recommended.

22. Ensure the voltage matches the range specified on the rating label, and confirm that the socket's grounding is in good condition.

23. Do not upend or incline the product beyond a 45° angle.

24. To avoid the risk of electric shock, do not pour water on the cord, plug, ventilation openings, or immerse the appliance in water or any other liquid.

25. Unplug the appliance after use or before cleaning.

26. Keep the appliance at least 8 cm away from other objects to ensure proper heat dissipation.

27. Do not use accessories that are not recommended by the manufacturer.

28. Keep the appliance away from flames, hot plates, or stoves.

29. Avoid switching the power button frequently (ensure a 5-minute interval at least) to prevent damage to the compressor.

30. Do not use outdoors.

31. Never clean with scouring powders or hard implements.

32. Please keep the instruction manual.

33. To avoid contamination of food, please follow the instructions below:

33.1 Opening the door for extended periods can cause a significant rise in temperature in the appliance compartments.

33.2 Regularly clean surfaces that may come into contact with food and accessible drainage systems.

33.3 Clean water tanks if they have not been used for 48 hours. Flush the water system connected to a water supply if water has not been drawn for 5 days.

33.4 If the appliance is left empty for long periods, switch off, defrost, clean, dry, and leave the door open to prevent mold growth within the appliance.

34. For information regarding the use of the appliance, please refer to the sections below.

35. Do not put your fingers into the discharge opening as this can be very dangerous.

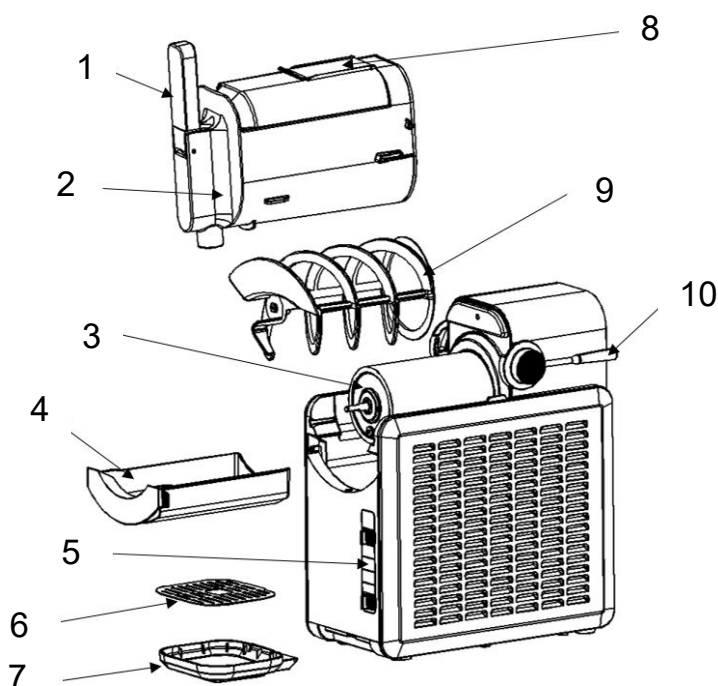
Specifications

Rated Voltage	AC 220-240V
Rated Frequency	50Hz
Rated Power	220W
Liquid Capacity	2L
Power Cord	3-Pin UK Plug
Climate Type	N/SN
Gross Weight	12.1kg
Product Dimension	175 x446×429mm

Features

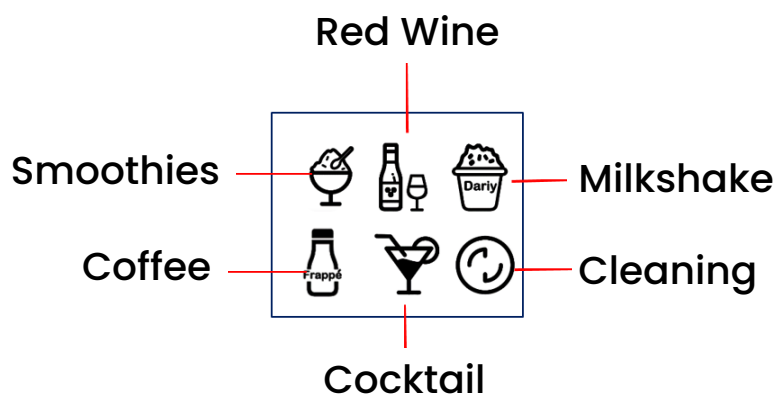
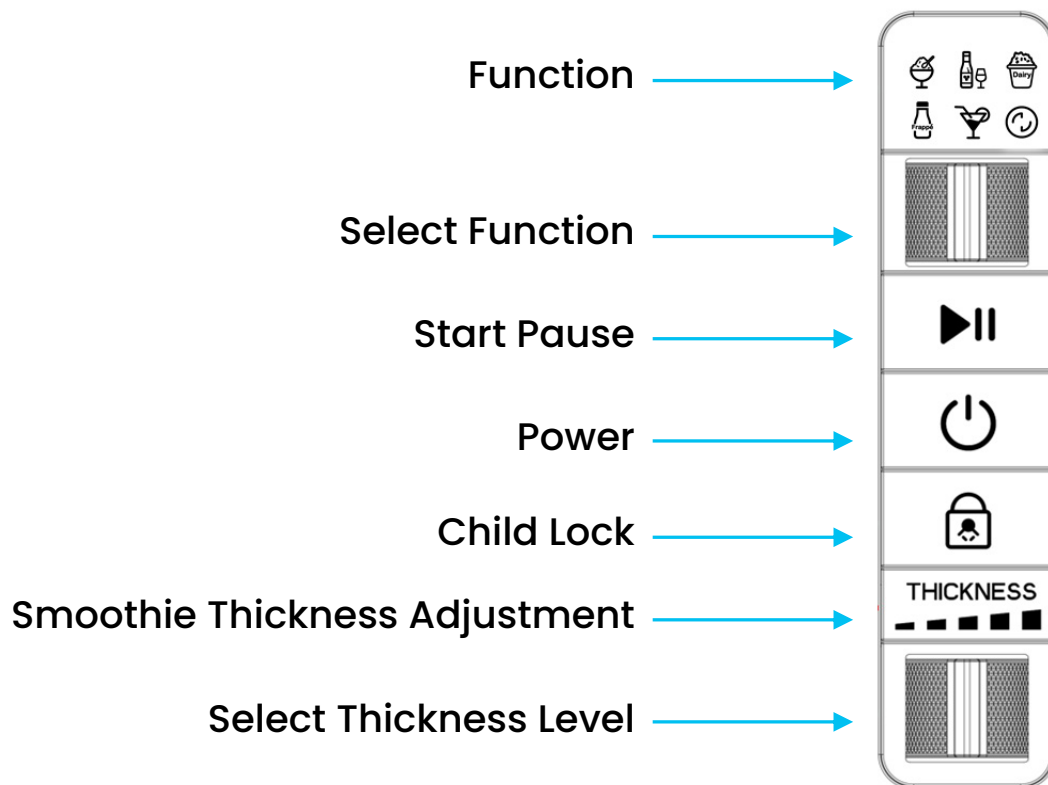
1. Enjoy the convenience of touch buttons, a clear LED display, and an easy-to-use toggle adjustment switch for simple, reliable, and worry-free operation.
2. This product features a sleek plastic shell and a transparent water tank that combines a beautiful, modern look with lasting durability.
3. Adjust the thickness of your smoothie to your exact preference, giving you full control over your creations.
4. Choose from five unique beverage smoothie modes plus a dedicated cleaning mode, ensuring a perfect drink every time with minimal effort.
5. The detachable parts make cleaning a breeze, ensuring the appliance stays hygienic and safe for every use.

Schematic View



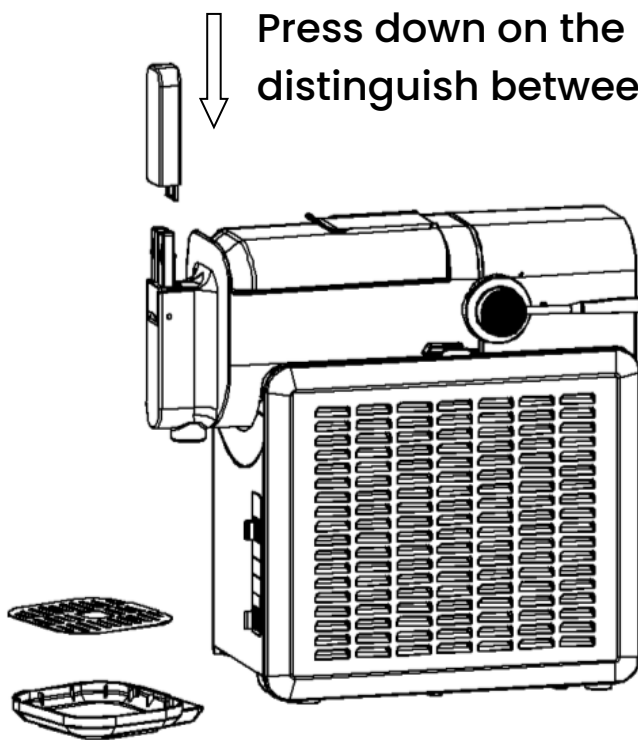
1. Handle
2. Feeding Barrel
3. Main Housing
4. Water Tank
5. Control Panel
6. Decorative Plate
7. Water Tray
8. Top Lid
9. Stirring Blades
10. Locked Switch

Control Panel

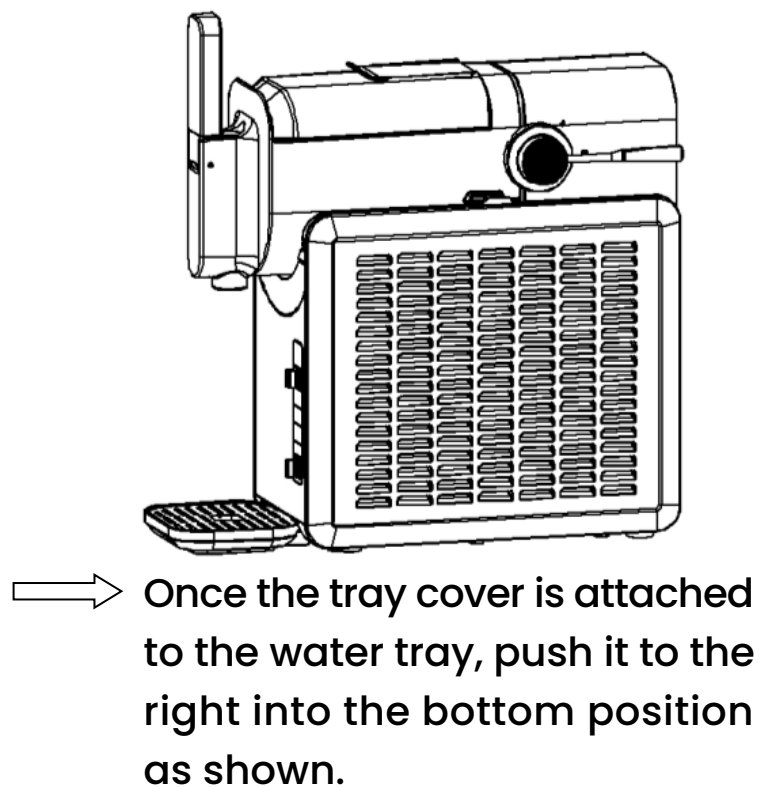


Setup Guide

1. Before use, thoroughly wash and wipe off all components that come into contact with liquid, including the evaporator, loading barrel, mixing blade, etc.
2. Before cleaning, ensure that the power cord plug is disconnected from the socket.
3. When using the machine, place it flat on a horizontal surface to ensure the compressor functions properly.
4. Install the handle and water tray when using the machine for the first time.



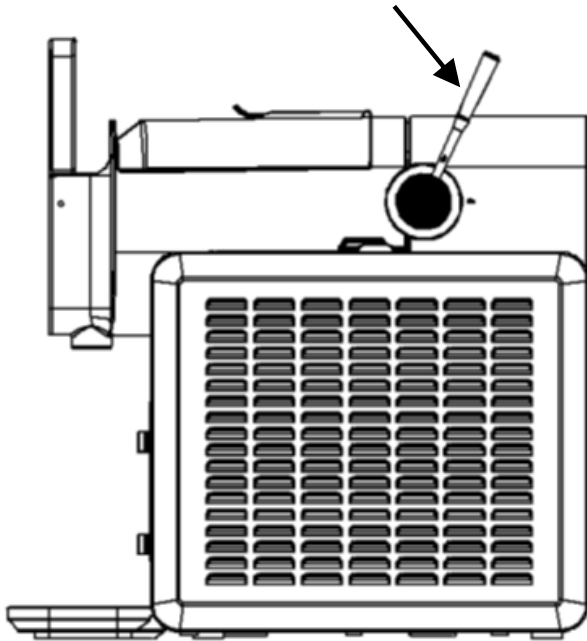
Before Installation



After Installation

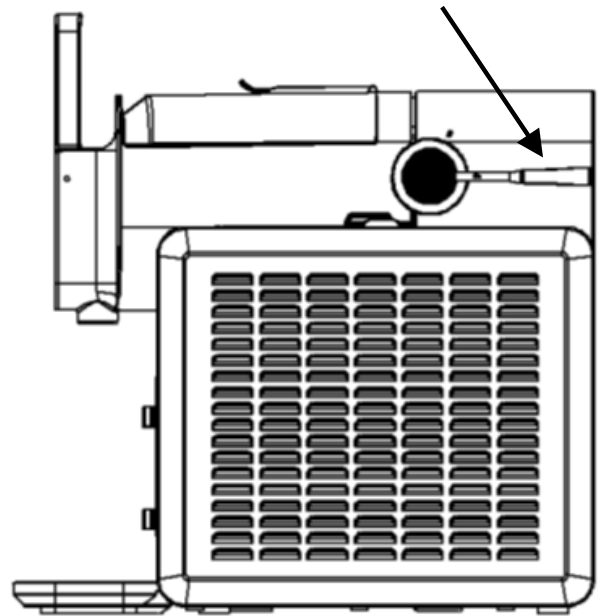
- 5.** Before discharging and operation, ensure that the mixing fan blade and the charging barrel are properly packed and locked.

The charging barrel switch in the open position.



Before Installation

The open state when the charging barrel switch is locked.



After Installation

Instructions for Use

- 1.** Before pouring material into the charging barrel, ensure it is properly installed. Refer to the Cleaning instructions for disassembly and assembly steps.
- 2.** Install the discharge handle and water tray before first use.
- 3.** Open the top cover of the charging barrel, then slowly pour the material into the charging barrel (as shown in Figure 1).
- 4.** The liquid capacity should be between the minimum and maximum water levels (as shown in Figure 2).

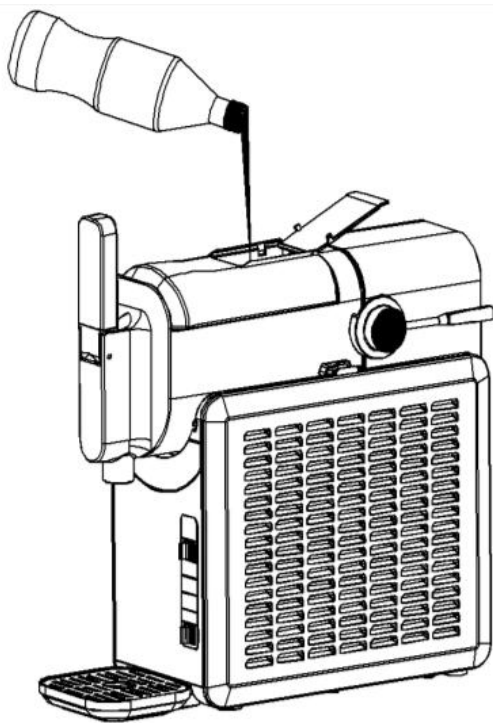


Figure 1

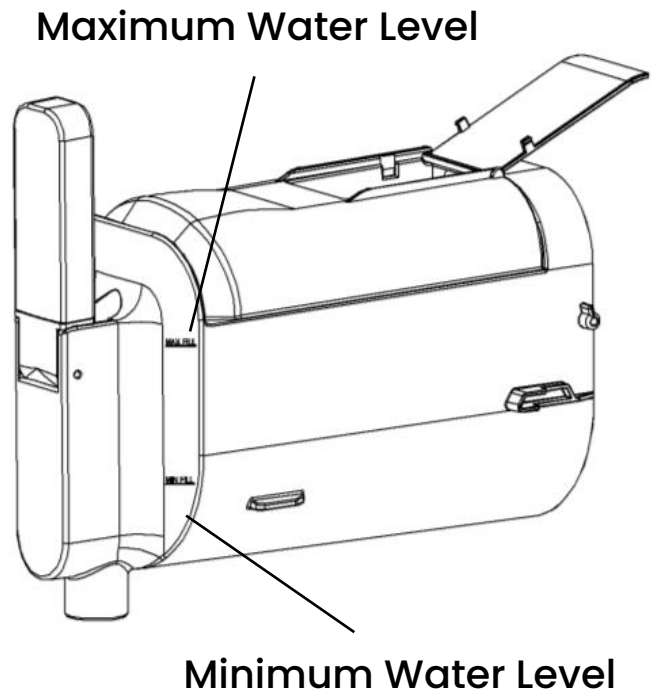


Figure 2

5. Close the top lid.

6. Plug in the power supply, touch the power switch icon, and the machine will turn on. The default smoothie mode will be activated for first-time use, while the mode used last time will be automatically selected if it's not the first use.

Note: If it is the first time using the machine, the selected mode icon will flash, and you can toggle the function switch left or right to select the desired mode.

7. Toggle the thickness switch left or right to adjust the smoothie thickness. The thickness indicator has 5 bars. The more bars, the lower the temperature of the smoothie after blending. Each toggle adjusts the thickness by one bar.

Note: The default setting for first-time use is 3 bars, and the last used setting will be automatically selected for subsequent uses.

8. Touch the start/pause icon to start the machine; only the selected

mode icon will be displayed.

9. Once the machine starts to operate, the child lock function is automatically enabled, and the child lock icon will light up, preventing operation.

10. To deactivate the child lock, long press the child lock icon. The indicator will turn off, allowing the machine to be used.

11. To pause or resume, touch the start/pause icon. To power off, touch the power switch icon.

12. Once the smoothie is ready, you will hear 6 short beeps, and the function icon will stop flashing.

13. The machine enters the insulation state, maintaining the set temperature for cyclic operation. At this point, place the cup under the discharge port, press the discharge handle, and enjoy your smoothie.

14. After 4 hours of insulation, the machine will return to the mode selection state. After 10 minutes of inactivity, the machine will enter standby mode.

15. Cleaning the Machine: After the smoothie is finished, press the power switch icon to turn off the machine.

16. To clean the machine, fill the charging bucket with clean water to the maximum level, ensuring the water temperature does not exceed 50°C (122°F).

17. Select the cleaning mode after turning the machine on. For cleaning mode details, refer to Step 3. The default cleaning time is 4 minutes.

18. After cleaning, empty the water from the bucket. If a single wash does not fully clean the drum, repeat the operation. The barrel can be removed for thorough cleaning, as outlined in the cleaning section.

Protection Function

- a.** Motor protection function: During operation, to prevent the stirring motor from stalling due to the smoothie becoming too thick, the machine's software monitors the working state and automatically stops the motor when necessary to ensure the longevity of the motor. All mode icons will flash if the machine jams due to an unsuitable drink being placed in it.
- b.** Compressor protection function: To prevent the compressor from starting too frequently during refrigeration, if the compressor is turned on again within 3 minutes of previous operation, it will enter a protection period lasting about 3 minutes. However, if the power cord is unplugged for 20 seconds and then reconnected, the machine will restart immediately without delay.
- c.** Charging barrel assembly falling-off protection: To prevent abnormal operation of the compressor and stirring motor, as well as potential injury, when the charging barrel is removed or falls off, the charging barrel assembly must be securely attached to the main body of the machine. If the charging barrel assembly falls off or is taken out, the mode icons will light up, and the thickness bar will flash to indicate the issue.

Tips

- 1.** To prevent excessive mixing load and overflow due to ingredient expansion, ensure the ingredients do not exceed the maximum capacity water level. For optimal temperature control and efficient operation, add ingredients up to the minimum capacity water level.

- 2.** The machine performs best when loaded to its maximum capacity, so aim to prepare smoothies according to the full capacity.
- 3.** The machine's operating time may vary based on factors such as environmental temperature, the initial temperature of the ingredients, sugar content, and the desired softness adjustment.
- 4.** The Brix (sugar content percentage) of the ingredient mixture must be greater than 6.
- 5.** Alcohol content should be within the range of 2% to 16%. Exceeding this range may cause the evaporator to freeze, the stirring blades to scratch, and may damage the machine.
- 6.** Pouring pre-cooled ingredients into the loading barrel will enhance production efficiency.
- 7.** When using natural fruit juices, it is recommended to filter them to prevent solids from blocking the discharge faucet.
- 8.** While making sorbet, do not stop the mixing motor as this could cause the mixture to fail, especially when the liquid solidifies or freezes before restarting.
- 9.** Condensation on the exterior of the charging drum is normal in humid conditions or after prolonged use.

Cleaning Guide

Before disassembly, pour clean tap water into the machine, start the cleaning mode for 2 to 3 minutes, then drain the liquid from the filling bucket.

- 1.** Unplug the power connection, turn the charging barrel switch to the unlocking position (as shown in Figure 3), remove the charging barrel, and then take out the mixing fan blade for cleaning and drying with a towel.

2. Pull out the water tray, empty the liquid inside, clean it, and dry it with a towel.
3. Wipe the evaporator and the rear sealing ring with a clean towel. Note that the sealing ring cannot be disassembled or forcefully pulled, as doing so could cause water leakage and damage the machine.

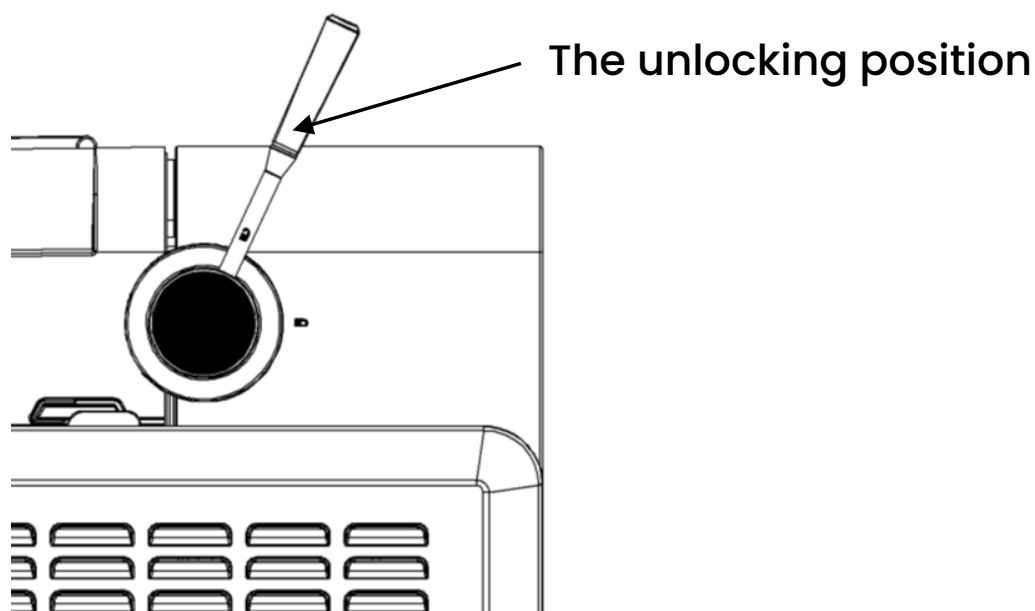
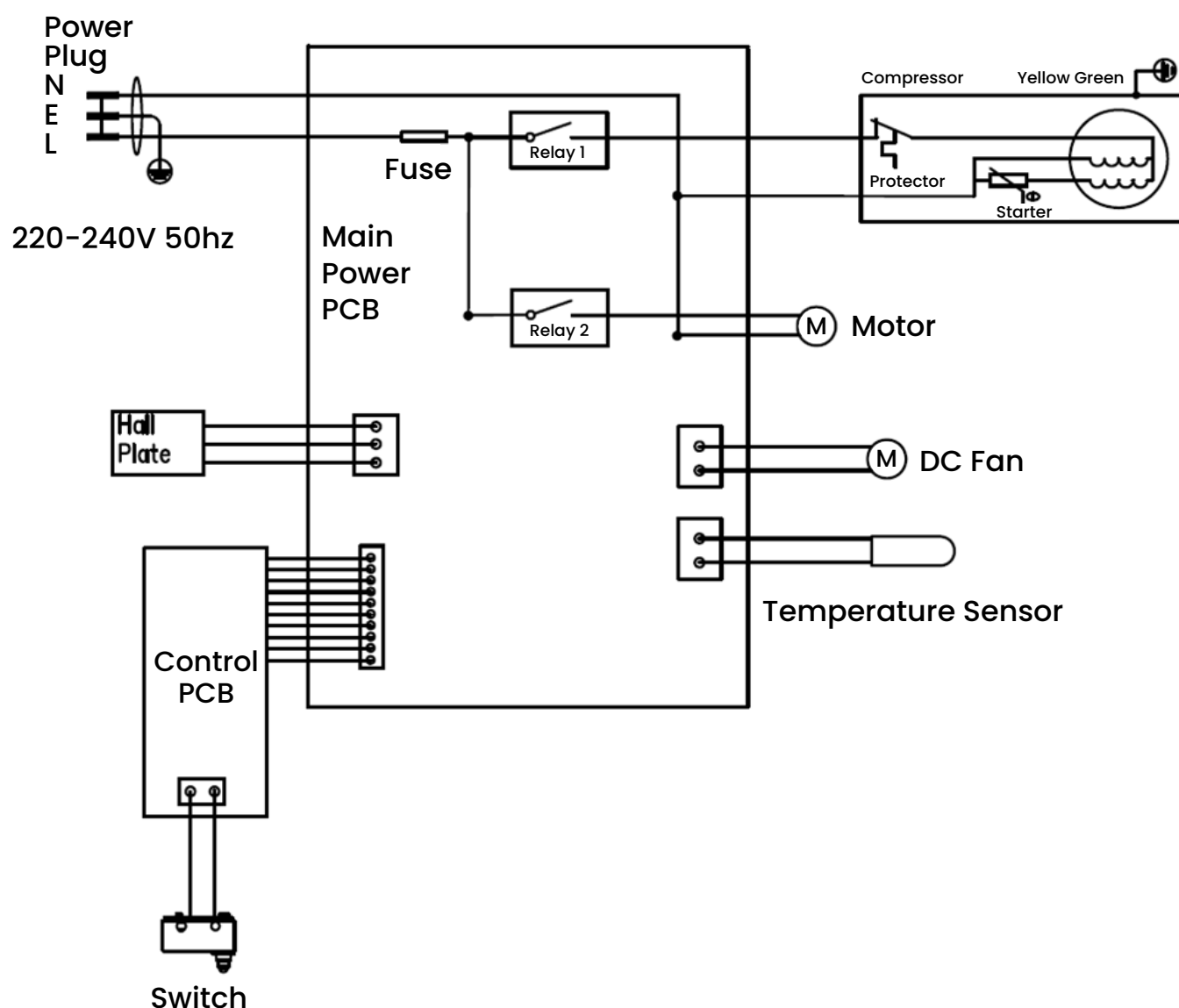


Figure 3

4. The filling bucket, mixing fan blades, and water box are all dishwasher-safe and can be hand washed.
5. Prepare approximately 8L of warm water (about 40 to 50°C) and add a suitable detergent. Follow the manufacturer's instructions to avoid excessive detergent that may damage the parts.
6. Use a suitable brush to thoroughly wash all parts that come into contact with the material with the cleaning solution.
7. Rinse all cleaned parts thoroughly with running water.
8. Use a soft brush to clean the evaporator cylinder and the sealing ring at the rear.
9. Dry the surface of the cleaned parts with a dry towel or air.

Electric Circuit Diagram



Maintenance

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

1. Clean the charging barrel components, water tray, mixing blades, and other parts promptly after use to avoid odor buildup.
2. When cleaning, use a damp cloth for scrubbing. Do not use abrasive cleaning materials.

- 3.** Wipe the transparent lid with a damp cloth. Clean other dirty surfaces on the body or other areas with a damp cloth.
- 4.** Do not pour water on the cord, plug, ventilation, or immerse the appliance in water or any other liquid.
- 5.** Allow all parts to dry thoroughly with a dry cloth before installing the components.

Troubleshooting

No	Problem	Possible Cause	Solution
1	All icons and thickness indicators light up and flash.	Poor contact between the charging barrel assembly and the micro switch.	Inspect the barrel assembly to ensure it is installed correctly and lock the barrel switch.
2	The stirring fan blades make a cracking sound.	The low sugar content of the materials used may cause the evaporator to freeze, or the set temperature may be too low, resulting in a smoothie that is too hard.	Use ingredients with a higher sugar content instead.
3	The stirring fan blades crackled.	Check that the stirring fan blades are properly assembled and undamaged.	Properly assemble the stirring fan blades.

4	All display icons light up and flash.	The stirring fan blades are deformed.	Replace the stirring fan blades with new ones.
5	The stirring fan blades make a crackling sound.	The stirring motor is jammed, or the stirring fan blade is not properly installed or is deformed.	1. If the production material does not meet the requirements or the mode selection is unreasonable, replace the material to meet the requirements or choose the appropriate mode. 2. Replace the stirring fan blade with a new one.

Smoothie Recipes

1. Smoothies

Standard Ingredient: Cola

1.1 Add 1421g of cola up to the MAX water level in the barrel, then select the smoothie mode and start the machine at an ambient temperature of 20 to 25°C.

1.2 If the ingredients are at this temperature, it will take approximately 35 minutes to prepare the smoothie. The cooler the ingredients, the shorter the production time.

1.3 The mode light will flash during production. Once the process is complete, the machine will switch to "keep cool" mode, and the mode light will stop flashing.

2. Red Wine Smoothies

Standard Ingredient: 12.5% Alcohol Red Wine

2.1 Add 1421g of red wine up to the MAX water level in the barrel, then select the red wine smoothie mode and start the machine at an ambient temperature of 20 to 25°C.

2.2 If the ingredients are at this temperature, it will take approximately 38 minutes to prepare the smoothie.

2.3 The lower the temperature of the added ingredients, the shorter the production time. The mode light will flash during production.

2.4 Once the process is complete, the machine enters the "keep cool" state, and the mode light will stop flashing.

3. Milkshake Smoothies

Standard Ingredient: Yogurt Drink

3.1 Add 1421g of yogurt drink up to the MAX water level in the barrel, select the milkshake smoothie mode, and start the machine at an ambient temperature of 20 to 25°C.

3.2 If the ingredients are at this temperature, it will take about 38 minutes to make a smoothie. The lower the temperature of the added ingredients, the shorter the production time.

3.3 The mode light flashes during production. After the production is complete, the machine enters the "keep cool" state, and the mode light stops flashing.

4. Coffee Smoothies

Standard Ingredient: Ice Coffee

4.1 Add 1421g of store-bought ice coffee up to the MAX water level in the barrel, select the coffee smoothie mode, and start the machine at an ambient temperature of 20 to 25°C.

4.2 If the ingredients are at this temperature, it will take about 38 minutes to make a smoothie. The lower the temperature of the added ingredients, the shorter the production time.

4.3 The mode light flashes during production. After the production is complete, the machine enters the "keep cool" state, and the mode light stops flashing.

5. Cocktail Smoothies

Standard Ingredient: 8% Alcohol Rio Cocktail

5.1 Add 1421g of cocktail up to the MAX water level of the barrel. Select the cocktail smoothie mode and start the machine at an ambient temperature of 20 to 25°C.

5.2 If the ingredient temperature is between 20–25°C, it will take approximately 35 minutes to prepare the smoothie. The lower the temperature of the ingredients, the shorter the production time.

5.3 The mode light will flash during production. Once production is complete, the machine will enter the "keep cool" mode, and the mode light will stop flashing.

Disposal



This marking indicates that this product must not be disposed of with other household waste. To prevent potential harm to the environment or human health from improper waste disposal, please recycle it responsibly to support the sustainable reuse of material resources. To return your used device, please use the return and collection systems or contact the retailer from whom the product was purchased. They will assist in taking the product for environmentally safe recycling.

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 **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:

powerology.me/warranty

Contact Us

If you have any questions about this Privacy Policy, please contact us at: **hey@powerology.me**

Website: **powerology.me**

Instagram: **powerology_official**

Facebook: **powerology.ME**