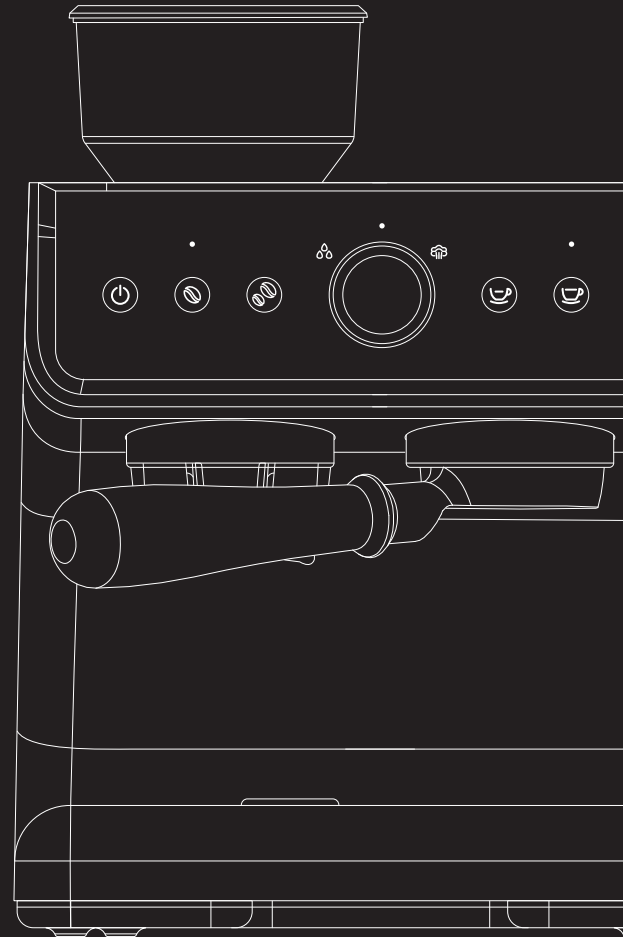


**Mueller**

**ESPRESSO MACHINE**

WITH CONICAL BURR GRINDER







## TABLE OF CONTENTS

### **4** IMPORTANT SAFETY INSTRUCTIONS

### **6** GETTING TO KNOW YOUR MACHINE

Overview of Parts | Control Panel and Coffee Selection | Before First Use | Choosing the Right Coffee Grinds

### **10** OPERATION

Basic Operation | Grinding | Grinding Time Adjustment | Customizing Temperature Control | Restore to Factory Settings | Water Shortage Reminder

### **17** CLEANING AND MAINTENANCE

Overview of Cleaning and Descaling Tools and Procedures

Tool Box and Cleaning Accessories | Clean the Grinder | Descaling Instructions

### **24** TROUBLESHOOTING

# IMPORTANT SAFETY INSTRUCTIONS

## **Before using the electrical appliance, the basic precautions below should always be followed:**

Read all instructions thoroughly before use and save it for future reference.

Before using, check that the voltage of the wall outlet corresponds to the rated voltage marked on the rating plate.

To protect against fire, electrical shock, or personal injury, do not immerse the appliance, power cord or plug in water or other liquids.

Remove the power plug from the wall outlet before cleaning or when not in use. Allow the appliance to cool down completely before cleaning the appliance or taking off or attaching components.

Do not operate the appliance with a damaged power cord or plug. Do not operate the appliance if the appliance malfunctions or is dropped or damaged in any manner. Return the appliance to the nearest authorized service facility for examination, repair, electrical or mechanical adjustments.

If the supply cord is damaged, it must be replaced by the manufacturer or similarly qualified persons in order to avoid hazards.

Do not use any accessory attachment that is not recommended by the manufacturer, doing so may result in fire, electrical shock, or personal injury.

Place the appliance on a flat surface. Do not hang the power cord over the edge of a table or counter.

Ensure the power cord does not touch the hot surface of the appliance.

Do not place the appliance on a hot surface or near an open flame.

Always grasp the power plug to remove it from the wall outlet. Do not pull on the power cord itself.

Do not use the appliance for anything other than its intended use.

Steam heat can cause burns. Use extra caution when using steam attachments.

Place the appliance in a dry environment. Do not operate or store the coffee appliance in an environment lower than 0°F.

Do not operate the appliance in an environment with high temperatures, a strong magnetic field, or high humidity.

Do not touch the hot surface of the appliance (such as the steam wand and steel mesh). Use a handle or knob.

Do not operate the appliance without water.

Connect the power plug to a wall outlet before using and switch off before removing the power plug from the wall outlet.

This appliance is not intended for use by any individual (including children) with reduced physical, sensory, or mental capabilities, or lack of experience or knowledge, without proper supervision or instruction from an adult or individual responsible for their safety and care.

Children above the age of 8 must be supervised to ensure they do not play with the appliance.

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;
- by clients in hotels, motels, and other residential type environments;
- bed and breakfast type environments.

**Save these instructions.**

## ■ WARNINGS

### **Pressure**

In order to prevent hot water and steam from causing other personal injury by scalding the body as well as to prevent damage to this product, do not remove the water tank or portafilter when the appliance is brewing coffee or operating the milk frother. Before removing the portafilter to brew another cup of coffee, be sure the coffee appliance is in standby mode. If you want to add more water into the water tank, please turn off the appliance by pressing the ON/OFF button. Only the ON/OFF indicator light will be on while the other indicator lights will turn off. When extracting coffee, be sure the portafilter is turned to the specified position to avoid it coming loose due to the pressure, which may cause bodily injury.

### **High Temperature**

To prevent burns when the appliance is working, do not place your hands or other body parts under the portafilter or steam outlet. Do not touch the steam tube at any time. The steam tube should only be turned by touching the silicone sleeve that wraps around the steam tube.



**GETTING TO KNOW YOUR  
MACHINE**

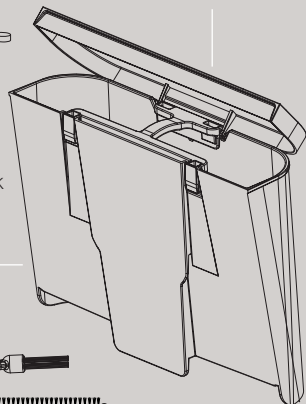


# OVERVIEW OF PARTS

Cleaning Tablets

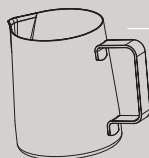


Water Tank Cover



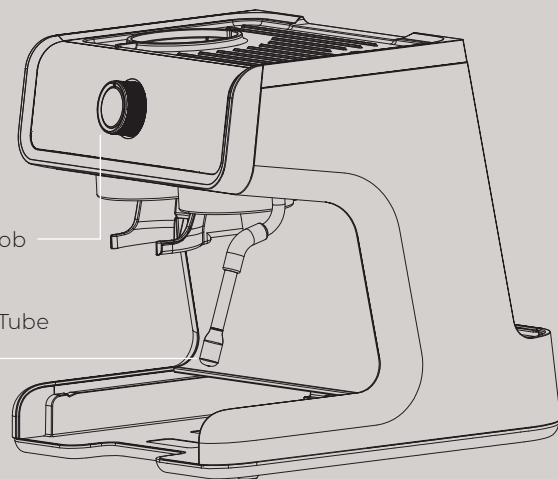
Water Tank

Milk Cup



Knob

Steam Tube

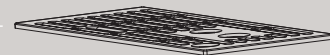


Cleaning Brush

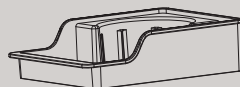
Beans Hopper Cover



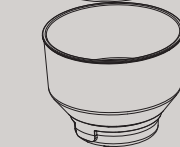
Drip Plate



Cleaning Pin



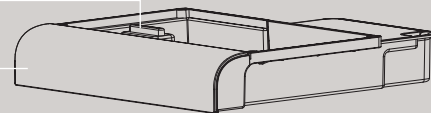
Tool Box



Beans Hopper

Floater

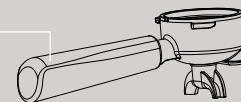
Drip Tray



Cleaning Disc



Standard Portafilter



Single-Layer Double-Cup Filter



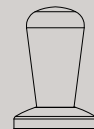
Double-Layer Double-Cup Filter



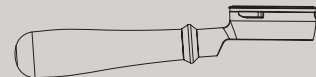
Single-Layer Single-Cup Filter



Double-Layer Single-Cup Filter

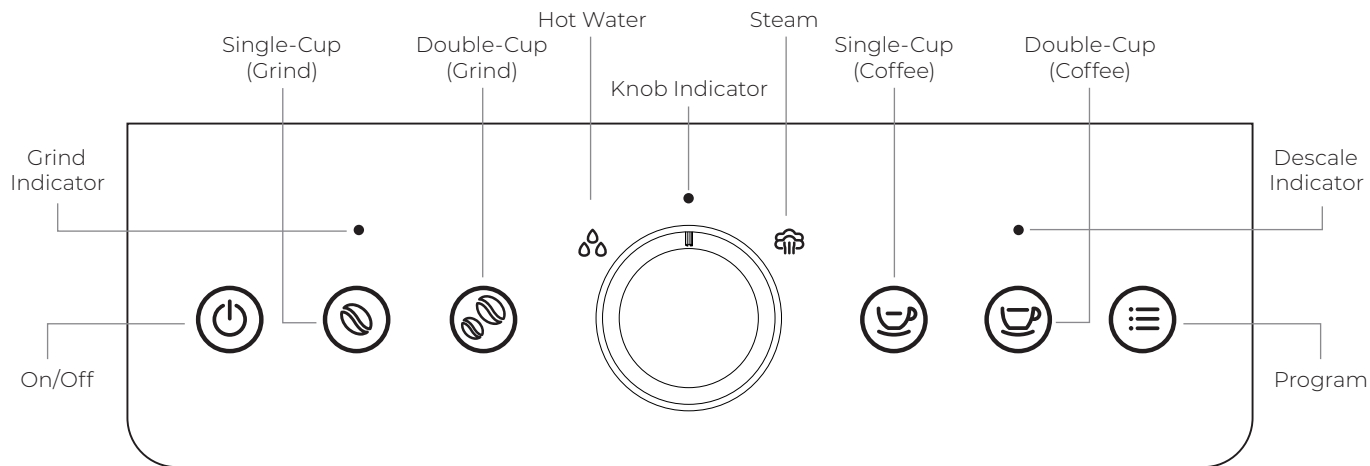


Tamper



Bottomless Portafilter

## CONTROL PANEL AND COFFEE SELECTION



## BEFORE FIRST USE

Before the first use, follow the steps below to rinse and preheat the appliance.

1. Check and ensure that all accessories are free of damage and not missing.
2. Fill the water tank with clean water. The water level should not exceed the MAX position. When using for the first time, first remove the rubber plug at the bottom of the water tank.
3. Align the portafilter with the portafilter bracket (no coffee should be placed in the portafilter at this time). Rotate the portafilter counterclockwise to lock it in place (place a Single-Cup or Double-Cup filter in as needed).
4. Place a cup on the drip plate and plug in the appliance. Press the ☉ button. The appliance will start preheating. After preheating, the appliance will enter into standby mode.



5. Turn the knob to the ☞ position, after a while, steam will flow out of the steam tube. The steam tube should be aligned with the drip tray.
6. Press the ☺ or ☹ buttons to rinse the pipes in the appliance. Make sure to have a cup on the drip tray to collect the water and avoid scalding.

**NOTE:** Do not get close to the portafilter or steam tube to avoid scalding when the appliance is brewing hot water.

7. After water stops dispensing, empty the water in the drip tray and cup.
8. Thoroughly clean the detachable parts of the entire appliance with warm water.

## CHOOSING THE RIGHT COFFEE GRINDS

### Coffee Grinds

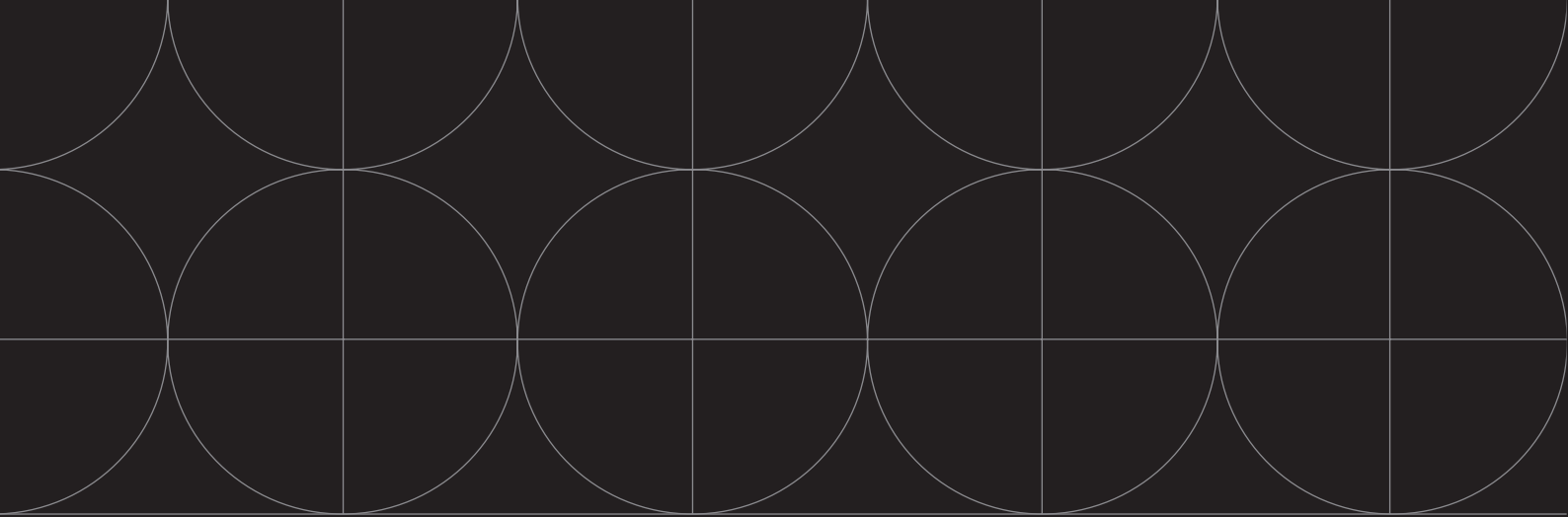
The coffee should be freshly ground and subjected to deep roasting. You may need to use French or espresso roasted coffee beans for espresso coffee. Pre-ground coffee will keep its aroma for 7 to 8 days. Coffee stored in a sealed container placed in a cool place may retain its aroma longer. Do not store ground coffee in the refrigerator or freezer. When coffee beans are freshly ground, they will better retain their aroma and provide higher quality coffee.

### Grind

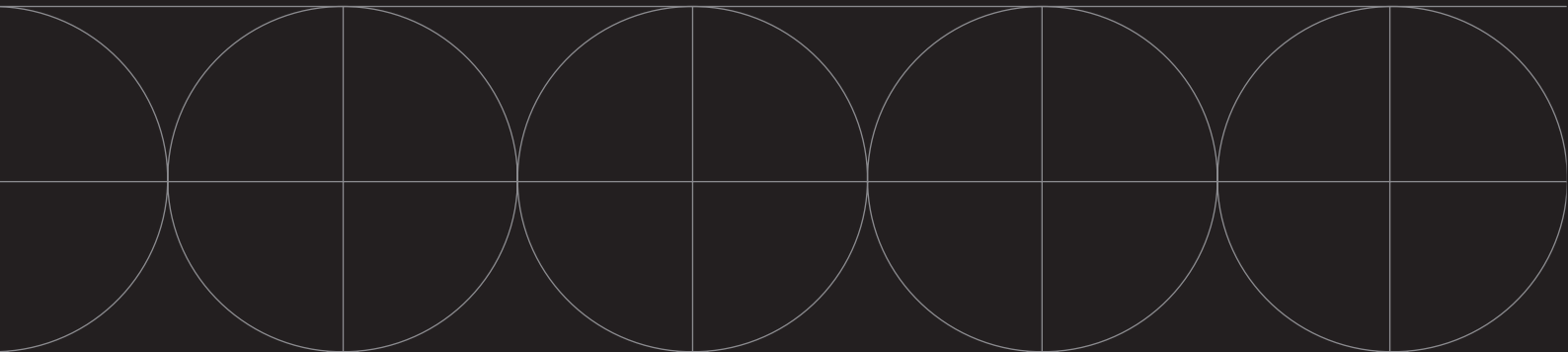
When making espresso, grinding the beans is a key step and can take some practice to master.

- The correct grind should look like salt.
- If the beans are too finely ground, it may cause the coffee to flow intermittently or fail to brew coffee.
- If the grind is too coarse, the water will flow through the coffee too quickly, which will affect the aroma and taste of the extracted coffee.
- You can adjust the coarseness of the ground coffee by rotating the coffee bean hopper. The grinding position necessary will vary depending on the type and quality of the coffee beans you use, so you need to make appropriate adjustments with each new bean used to achieve the best results.
- For freshly-roasted coffee beans (within 1 month), the grinding position should be set between 5–10. The Double-Cup (Grind) setting can produce about 0.67 oz (19 g) of coffee and the Single-Cup (Grind) setting can produce about 0.46 oz (13 g), creating a relatively good coffee extraction.
- To avoid creating moisture in the coffee bean hopper and affecting the grinding and the final coffee taste, do not overfill the bean hopper.

**To obtain uniform and consistent coffee grinds and make a cup of high-quality coffee, be sure to adjust the grinding setting according to the type and quality of the coffee beans.**



## **OPERATION**



# OPERATION

## I. Basic Operation

1. Fill the water tank with clean drinking water. The water level should not exceed the MAX position.
2. Plug in the unit. Press the ☺ button (be sure the knob is at ● position). The Power button will be half on. All the other lights are off, which is convenient for customers to choose and use.
3. **Preheating:** Press the ☺ button to set the appliance to the preheating mode. The ☺, ☹ and ☻ buttons will light up. When the preheating cycle is finished, the appliance will enter into standby mode. The bean bin indicator and the descaling lamp will be off. The other indicators will be on and the coffee appliance can be used normally.
4. **Single-Cup Brewing:** In standby mode, install the Single-Cup filter into the portafilter and load about 0.46 oz (13 g) of coffee. During the process, use the coffee tamper and press the coffee with a force of about 12.5 kg, then align the portafilter to the portafilter bracket and turn it counterclockwise to lock it in place. Put a coffee cup on the drip plate. Press the ☺ button. It will flash and the Double-Cup and Program indicators will turn off. The appliance will start to brew a Single-Cup of coffee. When the set coffee dose is reached (about 1 oz), the appliance will stop brewing automatically. All the indicators will then illuminate and the appliance will enter into standby mode.
5. **Double-Cup Brewing:** In standby mode, install the Double-Cup filter into the portafilter and load about 0.67 oz (19 g) of coffee. During the process, use the coffee tamper and press the coffee with a force of about 12.5 kg, then align the portafilter to the portafilter bracket and turn it counterclockwise to lock in place. Put a coffee cup on the

drip plate. Press the ☺ button. It will flash and the Single-Cup and Program indicators will turn off. The appliance will start to brew a Double-Cup of coffee. When the set coffee dose is reached (about 2 oz), the appliance will stop brewing automatically. All the indicators will then illuminate and the appliance will enter into standby mode.

**NOTE:** If the coffee grind is too fine and oily, no coffee will come out and the appliance will beep five times. All button lights will start flashing and all other indicators will turn off.

## Customized Settings

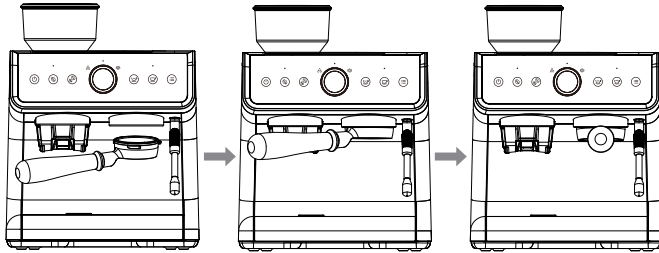
### 1. You can set the amount of each Single-Cup or Double-Cup dose of coffee. Adjust the specific coffee dose according to your needs.

Press and hold the Single-Cup button ☺ or the Double-Cup button ☹, the corresponding button will flash. The Program and the operating Single-Cup or Double-Cup indicator will flash. The coffee will start to dispense. When the desired amount of coffee is reached, release the Single-Cup button ☺ or the Double-Cup button ☹, the coffee will stop dispensing and the buzzer will sound once. The appliance will record the coffee dose and enter into standby mode. When you brew coffee next time, the appliance will brew the coffee amount as per the previous setting (**NOTE:** The max coffee dose for single cup is 4.2 oz and for double cup is 8.5 oz).

**2. Factory Reset:** In standby mode, press and hold both the Single-Cup ☺ and Program ☻ buttons, both buttons will start to flash. The other button indicators will turn off and the buzzer will sound once. Release both the Single-Cup ☺ and Program ☻ buttons. The coffee dose of Single-Cup coffee will be reset to the factory settings, and the appliance

will go back to standby mode. The resetting of the Double-Cup program is similar to the Single-Cup program resetting, you just need to change the Single-Cup button ☺ to the Double-Cup button ☹ during the operation.

When extracting coffee, make sure that the portafilter is turned counterclockwise into the correct position as shown in the figures below.



**Steam and Hot Water Function:** Turn the knob to the steam or hot water indicator position. The indicator will flash and the unit will make steam or hot water through the steam tube. Turn the knob to the ● position. The appliance will stop making steam and enter into standby mode.

**NOTE:**

- The steam function will generate high-temperature steam. Please pay attention to avoid scalding when using it.

- **To ensure a good frothing effect, run the steam function for 3–5 seconds. Turn the knob to the ● position to extend the steam tube into the milk and then turn the knob to the steam position to froth the milk.**
- After it is finished steaming the milk, turn the knob to the ● position.
- The appliance will automatically enter sleep mode after 15 minutes of no operation during standby mode. You can activate the appliance and make it enter the preheating cycle by pressing any button.

**Recommendation:** You can preheat the appliance, including the portafilter, filter, and cup before brewing coffee to minimize the coffee effect of a cold appliance. To do this, put the filter into the portafilter and install the portafilter onto the portafilter bracket. Put a cup on the drip tray and press the Single-Cup button ☺ or Double-Cup button ☹ to begin a preheat cycle. After the appliance stops, follow the previous instructions to begin coffee-brewing.

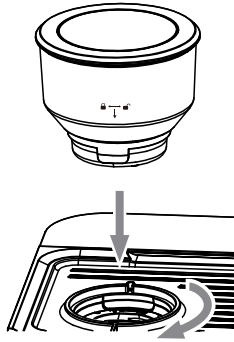
**Using a Bottomless Portafilter**

Providing opportunity to perfect your barista technique, using a bottomless portafilter allows you easily diagnose brewing inconsistencies and produces a richer crema and hotter brew.

**NOTE:** Using a bottomless portafilter can produce spurts of espresso which can spray the machine, counter and/or the user with espresso. This is caused by incorrectly dosed/ tamped powder or incorrect grind size. Avoid direct contact with the hot liquid when using a bottomless portafilter.

## II. Grinding

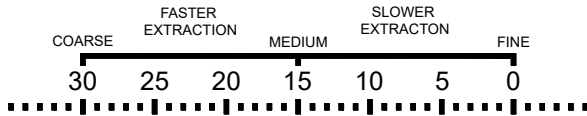
Before using the grind function, please make sure that all parts are installed in accordance with the requirements below.



**Fig. 1:** Install the bean hopper and screw it in place.

**NOTE:** Make sure the red circles on the bean hopper and the rib on the top of appliance are aligned. The red bean hopper indicator will turn off when the bean hopper is installed correctly.

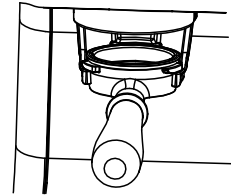
There are markings to show the coffee coarseness on the bean hopper (see Fig. 2). To adjust the grind setting, make sure that the coffee grind setting you want on the bean hopper is aligned with the mark on the rib on the top of the appliance.



**Fig. 2:** From 0 to 30, the coffee powder is ground from fine to coarse. The larger the number, the coarser the coffee powder will be.



Make sure the bean hopper is installed and locked in place. When the ● indicator turns from red to off, the grinder is ready for use.

Add the appropriate amount of coffee beans in the bean hopper. To prevent moisture from building up in the hopper, and affecting the grinding and the final coffee taste, do not add too many coffee beans to the hopper.





**Fig. 3:** Put the portafilter with Single-Cup filter or Double-Cup filter into the powder-receiving bracket.

### Single-Cup Grind

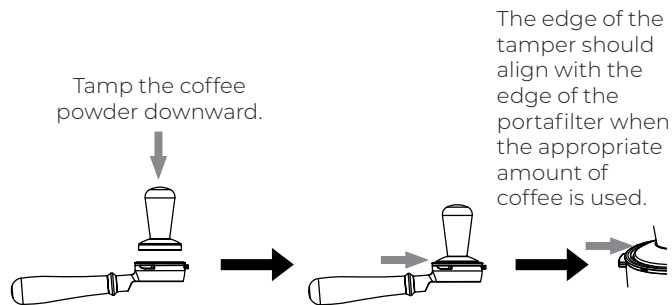
Press the Single-Cup (Grind) button . The button will flash and the grinder will start to run. After the selected ground coffee amount is reached, the grinder will stop automatically. You can press the Single-Cup (Grind) button  once to stop the coffee grinder at any time.

**NOTE:** The default grinding time required for Single-Cup dose is about 10 seconds. The grinder will produce about 0.46 oz (13 g) of coffee at the grinding settings of 5–10, which has a relatively good coffee extraction effect. The parameters may need to be adjusted slightly, depending on the roast and freshness of the coffee beans.

### Double-Cup Grind





Press the Double-Cup (Grind) button . The button will flash and the grinder will start to run. After the selected ground coffee amount is reached, the grinder will stop automatically. You can press the Double-Cup (Grind) button  once to stop the coffee grinder at any time.

Remove the portafilter, tap the portafilter a flat surface, then add the coffee in the filter. Use the coffee tamper and apply it with a force of about 12.5 kg to compact the coffee by following the steps below.



**NOTE:** The default grinding time required for the Double-Cup dose is about 14 seconds. The grinder will produce about 0.67 oz (19 g) of powder at grinding settings of 5–10, which has a relatively good coffee extraction effect. The parameters may need to be adjusted slightly, depending on the roast and freshness of the coffee beans.








### NOTE:

- When the bean hopper is not installed correctly or working abnormally, the bean hopper indicator will light red and the Single-Cup (Grind)  and Double-Cup (Grind)  buttons will be off. Three beeps will also be heard. To resolve, reinstall the bean hopper.
- If the grinding function cannot be used normally due to being blocked or motor self-protection, the bean hopper indicator will light in red and the Single-Cup (Grind)  and Double-Cup (Grind)  buttons will be off. Three beeps will also be heard. To resolve, clean the grinder (refer to the “Clean the Grinder” section on Page 20), then restart the appliance.
- When the grinder works continuously for 3 minutes and the intermediate rest time is less than 6 minutes, the appliance will limit the use of the grinding function to protect the grinding system. After the rest time reaches 6 minutes, the appliance will grind coffee beans again.
- When the grinding system is limited in use, the bean hopper indicator will flash in red and the grinding buttons will turn off. Three beeps will be heard. Press any grinding button, the appliance will beep once and will not start grinding.

### III. Grinding Timer Setting



#### SPECIAL NOTES:

- The appliance is equipped with two single-layer filters and two double-layer filters.
- The single-layer filters are applicable for finer coffee powder, and it is recommended that the grinding setting shall range between 0 and 15.
- The double-layer filters are applicable for coarser coffee powder, and it is recommended that the grinding setting shall range between 15 and 30.



You can set a timer for Single-Cup or Double-Cup grinding, which will let the appliance automatically grind according to the set time. To do so please follow the steps below: Press and hold the Single-Cup (Grind) button  — or Double-Cup (Grind) button  to start the grinding. The bean hopper indicator, the corresponding grind button, and the Program button  will flash. Release the the Single-Cup (Grind) button  — or the Double-Cup (Grind) button  when the ground coffee amount is reached. The appliance will stop and the timer is saved. The appliance will then go back to standby mode. When operating the machine next time, just press the Single-Cup (Grind) button  — or Double-Cup (Grind) button , the appliance will start and exit the grind automatically.

### Factory Reset for Grinding Time

#### Single-Cup (Grinding)

Press and hold both the Single-Cup (Grind) button  and Program button . These two buttons will start to flash. The other buttons will turn off. Release the buttons after one beep is heard. The appliance will go back to standby mode.

#### Double-Cup (Grinding)

Press and hold both the Double-Cup (Grind) button  and Program button . These two buttons will start to flash. The other buttons will turn off. Release the buttons after one beep is heard. The appliance will go back to standby mode.










## IV. Customizing Temperature Control




This appliance has a PID control function to ensure the coffee will be extracted at a temperature of 197.6°F (92°C) by default. To meet different taste requirements, you can select the coffee-extracting temperature among 194°F (90°C), 197.6°F



(92°C), 201.2°F (94°C) and 204.8°F (96°C).

- When the temperature is higher, the bitterness will be increased and the acidity will be decreased.
- When the temperature is lower, the bitterness will be decreased and the acidity will be increased.



### To enter the mode for setting the coffee-extracting temperature:

- Press and hold the Program button  for 4 seconds, the previous temperature indicator will light up solidly.
- Press the Single-Cup (Grind) button  and adjust the coffee-extracting temperature to **194°F (90°C)**, the Single-Cup (Grind) button  will light up solidly and the previous temperature setting indicator will turn off.
- Press the Double-Cup (Grind) button  and adjust the coffee-extracting temperature to **197.6°F (92°C)**, the Program button  will flash, the Double-Cup (Grind) button  will light up solidly and the previous temperature setting indicator will turn off.
- Press the Single-Cup (Coffee) button  and adjust the coffee-extracting temperature to **201.2°F (94°C)**, the Program button  will flash, the Single-Cup (Coffee) button  will light up solidly and the previous temperature setting indicator will turn off.



- Press the Double-Cup (Coffee) button  and adjust the coffee-extracting temperature to **204.8°F (96°C)**, the Program button  will flash, the Double-Cup (Coffee) button  will light up solidly and the previous temperature setting indicator will turn off.

**NOTE:** After setting the temperatures, press the Program button  or  button again, the appliance will beep and return to standby mode.







**IMPORTANT NOTE:**

- After entering the customized setting mode, the appliance will exit from the mode and return to standby mode if no button is pressed within 1 minute.
- To exit from the setting mode, press the Program button  or  button during operation.

## V. Restore to Factory Settings

In the case of incorrect settings, the user can press and hold the  button and Program button  at the same time. The appliance will beep and all the indicators will flash three times. The appliance will return to the factory settings.

## VI. Water Shortage Reminder

When the water tank is short of water, the appliance will remind the user to refill the water. At this time, the , , , , , and  buttons will flash for one minute accompanied by five beeps.

**NOTE:**

- The appliance will buzz 5 times when the coffee grind is too fine and the appliance cannot brew coffee.
- If the appliance is not operated within one minute after the alert, the appliance will enter into standby mode.





**CLEANING AND  
MAINTENANCE**



# CLEANING AND MAINTENANCE

## Overview of Cleaning and Descaling Tools and Procedures

**WARNING:** Please unplug before cleaning to allow the machine to cool down sufficiently to prevent scalding. Do not immerse the appliance or the power cord plug in water or other liquids.

After each use, put all detachable parts into water for cleaning, adding cleaning liquid if necessary. Rinse each piece with clean water.

Frequently use a moisture-proof sponge to scrub the exterior of the coffee maker to remove the dirt.

### NOTE:

- Do not use alcohol or detergent. Do not immerse the appliance in water.
- Turn clockwise to remove the portafilter and discard coffee grounds. Use a mild detergent to clean the portafilter and metal filters. Rinse thoroughly with clean water.
- All parts to dry completely.
- The detachable water tank cannot be washed in the dishwasher.

### I. Tool Box and Cleaning Accessories

The appliance is equipped with a tool box which is used for storing the cleaning pin, cleaning brush, and cleaning disc. The Single-Cup and Double-Cup filters can be stored in the tool box as well. The tool box is placed at the left lower part of the appliance where it can be pulled out when you remove the drip tray from the appliance (See Fig. 6).

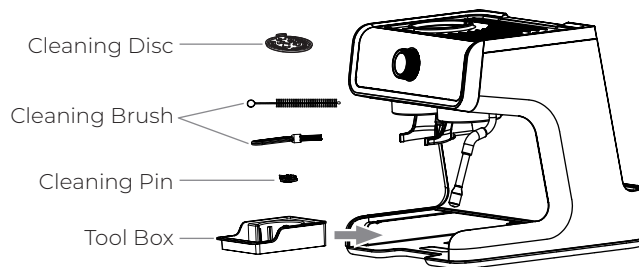


Fig. 6

### Cleaning Disc

Cleaning disc is used for cleaning the brewing system by putting the cleaning disc and cleaning tablet into the portafilter and mounting on the brewing head during the rinsing or descaling process.

### Cleaning Pin

The cleaning pin is used for cleaning the steam spout and filters. The thicker pin end is for cleaning the steam tube (See Fig. 7), and the thinner one is for cleaning the filters (See Fig. 8).

Clean the steam tube with the thicker pin end

Clean the filters with the thinner pin end

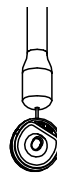


Fig. 7

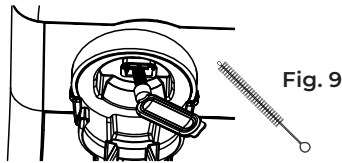


Fig. 8

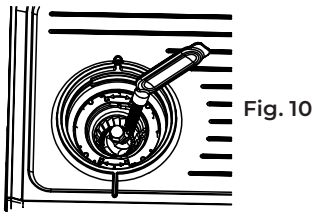
## Cleaning Brush

The cleaning brush is used for cleaning the grinding system. After removing the bean hopper and cutter head, use the cleaning brush to clean the chamber of the grinder and the powder channel (Refer to the **“Clean the Grinder”** section on page 20).

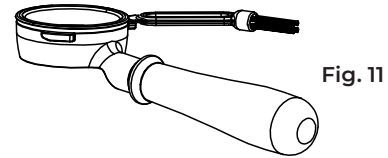
Clean the anti-static device and coffee grinds outlet when the coffee comes out slower than usual or the coffee grind floats. Clean the anti-static device and the coffee grind outlet with the attached cleaning brushes as shown in Fig. 9.



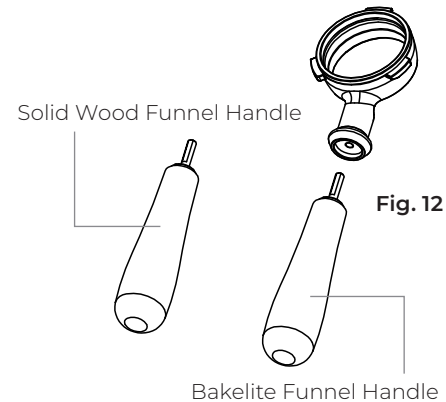
Clean the chamber of the grinder and the grind channel with the attached cleaning brush as shown in Fig. 10.



Use the rear end of the cleaning brush to detach the filter from the portafilter. (See Fig. 11)





There are two kinds of funnel handles available: a Bakelite handle and a solid wood handle. The funnel handle can be removed and replaced. To remove it, turn the hand handle left. To install it, turn the hand handle right. (See Fig. 12)



## II. Clean the Grinder

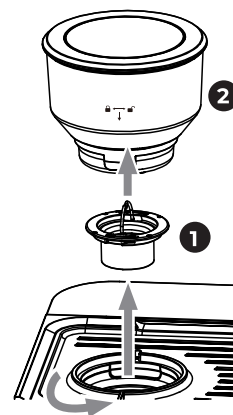
Clean the powder outlet and grinder at least once every two weeks. The grinder may be affected by coffee beans and other factors during operation that cause the grind outlet channel to become blocked. Please clean the grind outlet channel when the following conditions occur:

- A reduction in the coffee grind amount. To resolve, clean the powder passage and cutter head.
- When the coffee grinder is used to grind fine coffee, clean the powder channel.
- The appliance is equipped with an anti-static system which prevents coffee powder from spreading outside during grinding. If coffee powder floats out from the portafilter, use the cleaning brush to clean the powder entrance.



**NOTE:** When cleaning the grinder, make sure there are no beans in the bean hopper. Also ensure that when the Single-Cup (Grind) button  or Double-Cup button (Grind)  is pressed, the grinder can work properly, and no coffee powder flows out from the powder outlet.

**Step 1.** Rotate the bean hopper (2) counterclockwise to remove it.

**Step 2.** Turn the internal cutter head (1) counterclockwise to unlock. Remove the cutter head and use the included cleaning brush to clean the cutter head and remove residue from the gears. Please note that the cutter head cannot be directly rinsed with water.



**Step 3.** Use the included cleaning brush to clean the grinding chamber and the powder channel.

**Step 4.** Do not install the cutter head at this time. Re-install the empty bean hopper and press the Single-Cup (Grind) button  or Double-Cup button (Grind) . Allow the grinder to run, sweeping out the powder residue in the grinding chamber. (If the powder inside is not removed completely, please repeat Steps 3 and 4).

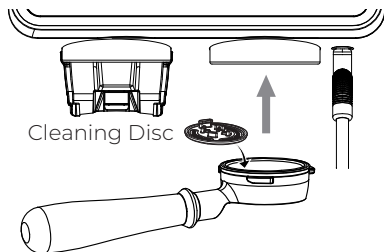
**Step 5.** Remove the bean hopper counterclockwise and install the cutter head in position.



### III. Descaling

This product has a descaling reminder function and a descaling program. The descaling process will take about 10 minutes.

**NOTE:** When starting the descaling program, please make sure:

- There is at least 1 liter (33.8 oz) of water in the water tank.
- Empty the drip tray and reposition it on the coffee appliance base.
- Turn on the appliance and let it stay in standby mode.
- Put the cleaning disc and the Double-Cup filter into the portafilter.



- Turn the portafilter into the portafilter bracket.
- You can exit the cleaning function at any time by pressing the  button.
- When the cleaning starts, the  button and the Descaling indicator will flash. They will continue to flash throughout the whole cleaning process.
- If the descaling cycle does not start within 1 minute, the appliance will exit from the descaling cycle and return to standby mode.

### Descaling Instructions

It is recommended to perform the descaling once 4–6 months. You can use following descaling solutions:

- Coffee appliance descaling tablets
- Liquid descaler
- White vinegar and warm water

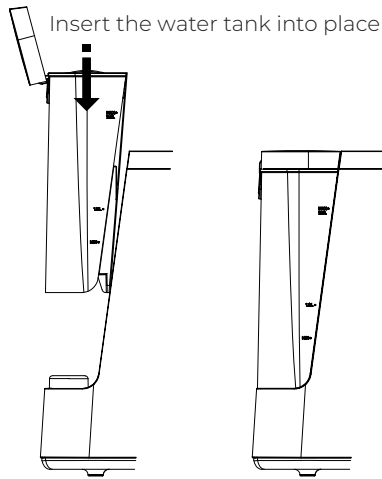
### Descaling Cycle

**NOTE:** Before starting the descaling program, please complete the following descaling preparations.

### Descaling Preparation

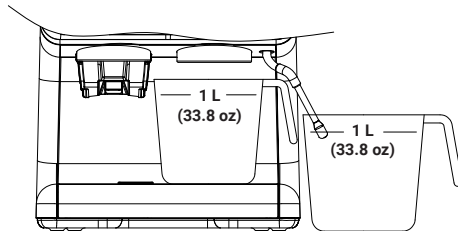
**Add the solution to the water tank (choose one of the following three methods):**

- Fill the water tank with 1 liter (33.8 oz) of water. Add the descaling tablets and wait for the descaling tablets to fully dissolve.
- Add half a cup of liquid descaling agent into the water tank, then add 1 liter (33.8 oz) of warm water to allow the solution to mix thoroughly.
- Add 1.5 scoops of white vinegar into the water tank, then add 1 liter of warm water to allow the solution to mix thoroughly.



### Place a Container

Place a container (1 L / 33.8 oz) under the brewing head and another container (1 L / 33.8 oz) under the steam tube.



### After completing the above steps, you can start the cleaning process as following:

When the system detects that the flow amount of the whole appliance reaches 15 L (507 oz), the appliance will remind the user to descale the appliance. The descaling indicator will flash when the appliance is in standby mode and will turn off after the descaling process finishes.

In standby mode, press and hold the Single-Cup button (☺), Double-Cup button (☹), and Program button (⊖), the appliance will then start the descaling process.

When the Descaling indicator flashes quickly, the Program button (⊖) and the coffee buttons are turned off, and the ☺ button starts to flash, follow the steps as below.

#### IMPORTANT NOTE:

- A maximum of 5 minutes is necessary to complete the descaling cycle.
- The steam tube and brewing head need to be cleaned with fresh water to completely remove the descaling solution.

### Step 1: Start the Descaling Cycle

Turn the knob to ☞ position.

The Descaling indicator will light up solidly and the ☞ indicator will flash.

The pump will start dispensing hot water from the brewing head and steam tube. The pump will make punching noises after 2 minutes.

When the hot water stops flowing from the brewing head and steam tube, this step is completed. The Descaling indicator and the ☉ button will flash. Turn the knob to the ● position.

### Step 2: Prepare to Clean Up

Clean the water tank and fill it with water to the maximum level. Then empty the containers.

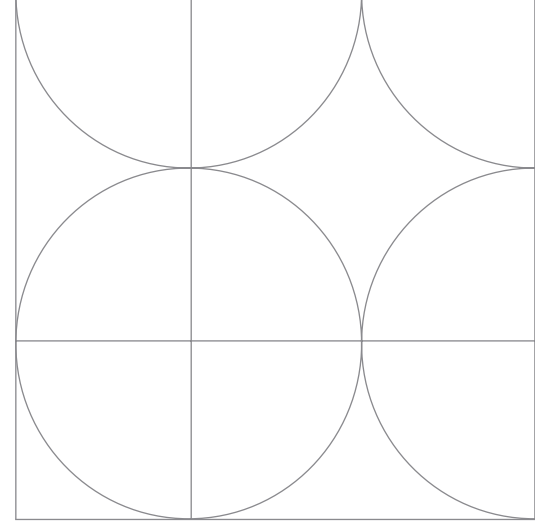
### Step 3: Start Cleanup

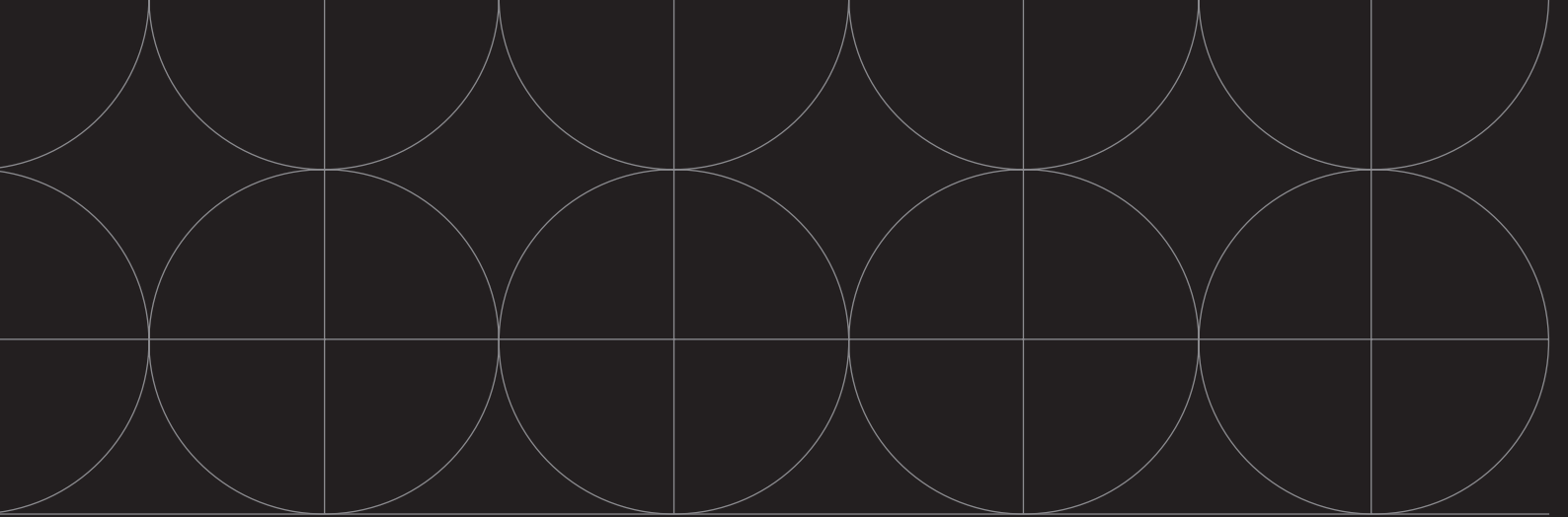
Turn the knob to the ⚙ position. The Descaling indicator will light up solidly and the hot water indicator will start to flash. The pump will start dispensing hot water from the brewing head and steam tube. The pump will make punching noises after 2 minutes.

When hot water stops flowing from both the brewing head and steam tube, this step is complete.

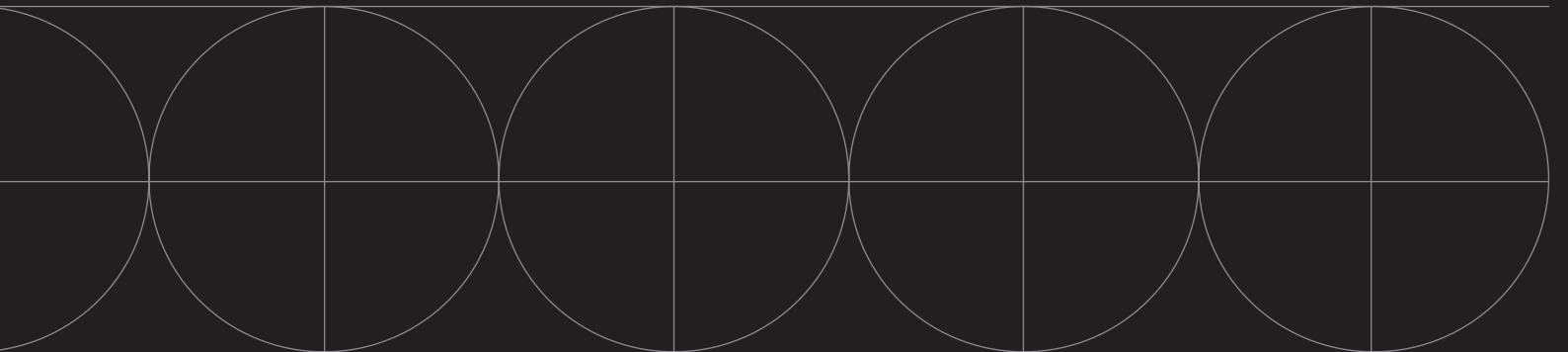
### – Completion of Descaling Cycle

When the descaling cycle is finished, the buzzer will sound and the ☉ button will stop flashing. Then the Descaling indicator will turn off, the ☉ button will light up solidly. Turn the knob to the ● position. The appliance will then enter standby mode.





## **TROUBLESHOOTING**





## TROUBLESHOOTING

Problem	Cause	Solution
Device indicators are not lit.	The device is not plugged or is not turned on.	Connect the power plug and press the ON/OFF button.
The indicator on the front panel lights in red.	The bean hopper is not installed or installed incorrectly or the grinding is limited to use.	Refer to the grinding note on page 14.
There are water marks at the bottom of the appliance.	The water tank is not installed correctly. The drip tray is full.	<p>Make sure that the water tank and the drip tray are installed properly and the drip tray is empty.</p> <p>If the issue is not solved, please contact Customer Service. Do not disassemble the unit by yourself.</p>
A ticking sound is heard after the appliance is started and a hissing sound is heard after the coffee is dispensed.	This is normal and results from the operation of the pressure control valve.	
The grinder is running but there is no powder comes out.	The powder outlet channel is blocked by coffee beans or coffee powder.	Follow the grinder cleaning process to clean the grinding system.
Coffee powder floats out from the portafilter.	The anti-static sensor is blocked at the powder outlet.	Use the cleaning brush to clean the powder outlet.

Problem	Cause	Solution
No coffee comes out from the portafilter or come out from the portafilter smoothly.	The coffee powder is too fine or the pressure for tamping coffee powder is too high.	Rotate the bean hoper counter-clockwise to reduce the grind fineness appropriately until it is suitable. Do not press repeatedly with excessive force when tamping the coffee powder.
The portafilter cannot be installed in the portafilter bracket properly.	There is an excessive amount of coffee powder.	The amount of powder should not exceed the standard amount. Adjust the grinding setting of the grinder appropriately until it is suitable.
Coffee without crema.	The coffee beans are damp or the coffee powder is too coarse.	Choose fresh coffee beans and powder with moderate grinding setting to make coffee.
No steam.	<p>The appliance is not preheated when the steam function is performed.</p> <p>The steam nozzle is blocked.</p>	The appliance can only produce steam after the appliance is preheated in steam mode; the appliance needs to be descaled, using a cleaning pin to clean the steam nozzle.
The appliance can not make coffee or hot water immediately after the steam comes out and the appliance will pump water automatically.	After steaming is completed, the pressure needs to be released to reduce the temperature. At this time, other operations cannot be performed. The water pumping is used for cooling down the heating element quickly.	It takes 20–30 seconds for the appliance to release the pressure and cool down. After the pressure is released and the cooling down is finished, the indicators on the control panel will reset and you can make coffee and hot water normally.

**If you do not find the cause of the problem listed here, please contact Customer Service. Do not disassemble the machine by yourself.**





## ESPRESSO MACHINE

WITH CONICAL BURR GRINDER

SKU: MLR010557N

PRINTED IN CHINA

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