

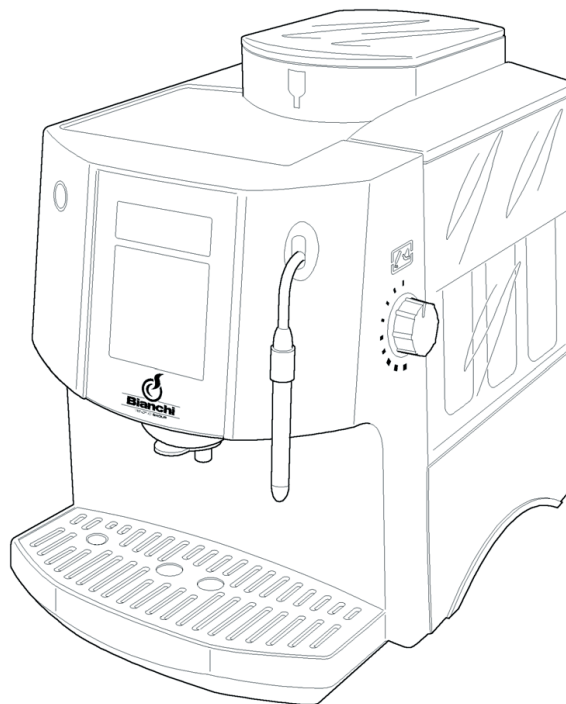


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**Bianchi**

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VENDING **GROUP**



**BVM 333**

## **INFORMATION TO THE USERS**

Under art. 13, Legislative Decree 25 July 2005, no.151 "Implementation of Directives 2002/95/EC and 2003/108/EC, regarding the reduction of use of hazardous substances in electrical and electronic equipment as well as waste disposal".

The barred waste container symbol on the equipment means that the product, at the end of its service life, must be disposed of separately from the other types of waste.

The user must therefore convey the equipment, at the end of its service life, to the appropriate separate collection centres for electronic/electro-technical waste products or return it to the dealer when purchasing a new equivalent equipment.

The appropriate separate collection and the following sending of the used equipment to recycling, treatment and eco-friendly disposal will help avoid negative effects on the environment as well as on health along with an easier recycling of the materials forming the equipment.

Any unauthorized disposal of the product by the user will imply the enforcement of the administrative sanctions as set out in Legislative Decree no. 22/1997 (article 50 and following articles, Legislative Decree no. 22/1997).

# SUPER-AUTOMATIC COFFEE-MAKER ESPRESSION

## MOD. BVM 333

Thank you for choosing this Bianchi Vending product and for placing your trust in our brand. This super-automatic coffee-maker has a maximum performance pressure pump (18 Bar) to offer you the best professional espresso coffee in the comfort of your home. With the touch-screen technology, you can easily select the espresso you prefer by pressing directly on the digital screen. This high-tech coffee-maker will tell you at any given moment which selection you have made and what it is making by means of graphic messages. Its menu is highly intuitive and easy to use so that you can adapt the machine to your personal preferences without any great complications. We recommend you read the instructions handbook carefully to discover all the options your BVM333 has to offer. We hope you enjoy this coffee-maker and the delicious coffee it makes.



### 1 IMPORTANT

- Please read these instructions carefully before using the coffee-maker for the first time. Keep them in a safe place so that you can refer to them whenever you need to.
- Do not touch the hot surfaces; use the controls and handles that have been specifically designed for this purpose.
- Disconnect the coffee-maker when it is not in use and before cleaning. Leave the coffee-maker to cool before adding or removing parts and, especially, before cleaning it.
- This coffee-maker has been designed for indoor use; do not use it outdoors.
- Do not place the coffee-maker on a hot surface or too near heat sources.
- Do not leave the cable hanging over the edge of the table or in contact with hot surfaces.
- Do not use the coffee-maker for any purpose other than that for which it has been designed: making coffee in a domestic environment.
- When disconnecting the coffee-maker, first switch it off by pressing the on/off switch (OFF position at the rear) and then unplug the cable from the mains.
- Take particular care when using steam.
- Do not wet the coffee-maker or submerge it in water or any other liquid.
- Keep the coffee-maker out of the reach of children.
- Use the grinder for grinding coffee only.



#### CAUTION!

When you want to dispose of the appliance, NEVER throw it in the rubbish bin. Take it to your nearest CLEAN POINT or the waste collection centre closest to your home for processing. You will thus be helping to take care of the environment.

## 2 PRECAUTION

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- Remove all the used elements to protect the product during transport, as well as all material used for promotions, such as plastic bags, cardboard, stickers, the digital screen protection, etc. on both the outside and inside of the coffee-maker. Keep these elements out of the reach of children.
- If the mains cable is damaged, it must be replaced by the manufacturer or by an authorised technical service to prevent any possible danger.
- Do not use warm or hot water to fill the tank under any circumstances. Use only water at room temperature.
- Never clean the coffee-maker with a scouring pad or a rough sponge. Use only a soft cloth moistened with water.
- To avoid lime scale deposits in the pipes in your coffee-maker, we recommend you use purified water or still mineral water.

## 3 IMPORTANT

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The manufacturer will not accept any liability whatsoever for damage caused by:

- Inappropriate use of the coffee-maker for any purpose other than that for which it has been designed.
- Repairs carried out by unauthorised persons.
- Manipulation of the mains cable.
- Manipulation of any part of the coffee-maker.
- Use of spares or accessories that are not supplied by the manufacturer.
- Removal of lime scale from the coffee-maker using any method that is not in accordance with the instructions given in chapter 16. REMOVAL OF LIME SCALE.

In these cases, the warranty will be void.

## 4 SAFETY STANDARDS

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### In the event of an emergency

Unplug the coffee-maker immediately.

### The coffee-maker must be used only:

- Indoors.
- At a room temperature of between 10°C and 40°C.
- To make coffee, hot water, steam milk or heat liquids using steam.
- For domestic use.
- By adults who are in full possession of their physical and mental faculties.

### Power cable

Connect the coffee-maker to an appropriate socket; the voltage must coincide with that indicated on the specifications plate.

**IMPORTANT!** Check that the socket is connected to the mains.

### Installation

- Place the coffee-maker on a completely flat surface. Do not place it on a hot surface under any circumstances.
- Keep it at a distance of 10 cm from walls and heat sources (gas, oven, etc.). Do not keep the coffee-maker at a room temperature of below 0°C; the coffee-maker may be damaged by the water inside freezing.
- The mains plug must be accessible at all times.
- The mains plug must not be damaged, hanging or placed on hard surfaces.
- Do not use the power cable to move the coffee-maker by pulling on it under any circumstances.

## Hazards

- Do not aim the steam jet or hot water directly at anyone, since there is a risk of burns.
- Do not place any objects inside the coffee-maker under any circumstances (electrical hazard).
- Do not touch the coffee-maker if your hands are wet. Do not unplug the coffee-maker by pulling on the power cable

## Responsibilities

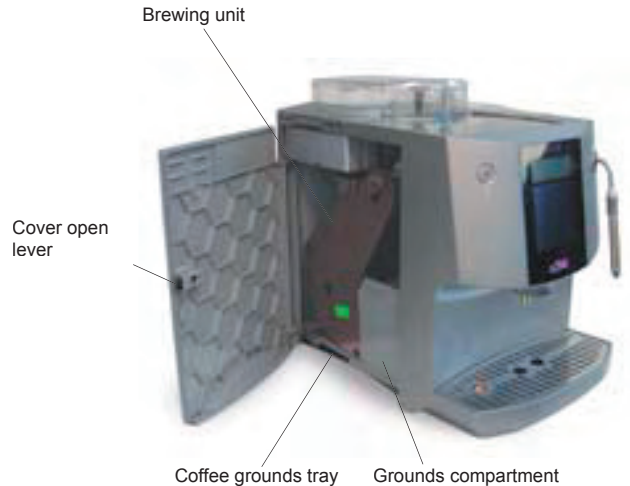
- Do not use the coffee-maker if it does not work correctly or if you suspect that it may be faulty, e.g. after it has accidentally been dropped.
- Have the product repaired at an authorised centre.
- Turn off the coffee-maker before opening the side cover.

## Spares

To guarantee your safety and the correct operation of your coffee-maker, use only spares and accessories that are authorised by the manufacturer.

## 5 PARTS

Switch





## 6 ACCESSORIES

For your convenience, all the accessories are in a box with the instructions handbook:

1. Ground coffee dispensing spoon. Capacity 8 g, approx.
2. Lime scale remover.
3. Cleaning brush.
4. Strip of reagent to check water hardness. Levels 1 to 5.
5. Brewing unit switch.

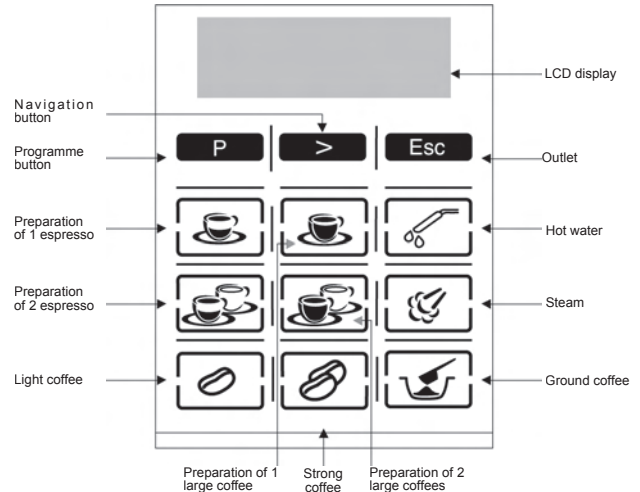


## 7 BREWING UNIT, THE HEART OF THE COFFEE-MAKER

This super-automatic coffee-maker has a professional unit manufactured and developed by BIANCHI, the best manufacturer of professional machines (vending) in Italy. The brewing unit automatically prepares an excellent espresso coffee and deposits the grounds in a compartment. It has been designed for professional use and, consequently, does not require maintenance work until it has made **6,000 cups**.



## 8 TOUCHSCREEN



## 9 INSTALLATION

If you find coffee grounds, it is because the coffee-maker has been tested to make sure it works perfectly

Before switching on the coffee-maker, make sure you have removed the protection from the screen.

1. Fill the coffee bean tank with coffee beans (the tank has a capacity for up to 250 g).
2. Fill the water tank with clean, cool water. You can fill it directly (a) or under the tap (b)

a) Lift the water tank cover



b) Remove the tank by the handle.



When placing the tank back in position, make sure it fits into the flap on the body, so that it is perfectly in place.

3. Connect the power cable.
4. Turn on the on/off switch at the rear of the coffee-maker. Turn it to the "I" position to switch the coffee-maker on.



5. The standby button will come on (blue).



6. The first time you use the coffee-maker, its internal circuits need to be filled with water. The steam jet/hot water regulator icon appears on the LCD screen to indicate that the circuit needs to be filled



**IMPORTANT!** Perform this operation BEFORE any other.

**IMPORTANT!** The circuit must be filled each time the steam regulator icon appears on the display. This icon appears each time the machine is PLUGGED IN.

7. Place a compartment (glass or jug) under the steam nozzle.
8. To fill the circuits with water, turn the steam regulator anticlockwise as far as it will go.
9. Wait until water or steam comes out of the steam nozzle.
10. Close the steam regulator to complete the circuit filling process.
11. Remove the compartment with the hot water.
12. The coffee-maker will turn off and is ready for use. Press the standby button.



13. An hourglass will appear on the display to indicate that the system is heating up.



14. The coffee-maker auto-cleans the pipes to remove possible remains of coffee or water. During this process, water comes out of the coffee outlet. This enables you enjoy a coffee made with clean, fresh water.



15. The coffee-maker will indicate when it is ready with a beep and a hand will be displayed on the screen.



**N.B.** You can turn off the beep by proceeding as indicated in chapter 18 PROGRAMMING YOUR COFFEE-MAKER.

## 10 SUGAR CUBE COMPARTMENT



If you normally use sugar cubes, you can store them in the coffee-maker. Lift the sugar cube compartment cover and place the cubes inside. This compartment can be removed for cleaning and to make the filling process easier.

**IMPORTANT!** Take care not to place the sugar cubes in the ground coffee dispenser by mistake.

## 11 ADJUSTMENTS



### A) Adjusting the grinding level.

By adjusting the grinding level, you can regulate the size of the ground coffee. This size has a direct effect on the coffee made by the coffee-maker and it is advisable to test the grinding level until you obtain the type of grind you prefer. To adjust the grinding level, use the

regulator inside the coffee bean tank.

\* **Fine grind:** The coffee will brew more slowly since it needs more time and pressure to obtain the coffee. Turn the regulator to the left (anti-clockwise). The finer the grind, the creamier the coffee will be.

**Important!** If you grind the coffee too finely (grinding level regulator full to the left), the coffee will brew very slowly.



• **Coarse grind:** The coffee will brew more quickly. Press and turn the regulator to the right (clockwise).



## IMPORTANT

**The adjustment must be made when the grinder is in operation.**

Use coffee bean blends specially prepared for espresso coffee. If you do not obtain the desired result, try different blends until you get the one you prefer. Store any coffee not placed in the tank in a hermetically closed compartment in a cool place.

**IMPORTANT! Do not use high roast coffee; this type of coffee is roasted with sugar (caramelised) and may damage the coffee-maker.**

## B) Adjusting the amount of coffee

Before dispensing the coffee, choose the amount of coffee you want to make, depending on whether you want a strong or weak coffee.

If you want a weak coffee, press the button:



If you want a strong coffee, press the selector:



## C) Adjusting the coffee outlet

The coffee outlet can be adjusted to different heights depending on the size of the cups that are being used:

1. To use large cups, slide the coffee outlet up to the top position.



2. To use espresso cups, slide the coffee outlet down to the bottom position.



**N.B.** The coffee outlets can be removed for cleaning.

## D) Regolazione della quantità di acqua per tazza

Per regolare la quantità di acqua per tazza, premere i seguenti pulsanti:

	Espresso coffee	Large coffee
1 coffee cup		
2 coffee cups		

## 12 OBTAINING THE COFFEE

1. Check that the coffee-maker is ready.



2. Check that you have adjusted the coffee-maker to obtain the coffee you prefer.
3. Place one or two warmed cups under the coffee outlet.

### A) Coffee made from coffee beans

**IMPORTANT!** The first coffee you get from your coffee-maker will not be good quality. Throw it away. This occurs because the first time the grinder is used, it cannot load the complete amount required by the brewing unit.

4. Press the button for the type of coffee you wish to obtain.

A frame will appear around the selected button to indicate your selection.

	Espresso coffee	Large coffee
1 coffee cup		
2 coffee cups		

- Next, the coffee-maker performs a preliminary infusion of the ground coffee. The coffee is injected with hot water, which is distributed evenly around the coffee. The preliminary infusion obtains the maximum aroma and flavour of the coffee. During the preliminary infusion, you will see the following symbol on the screen:



- During the extraction of the coffee, you will see the following symbols on the screen:



- When the coffee-maker finishes dispensing the coffee, it will indicate that you can remove the cups through icons and beeps, as long as you have the beeps option activated.



- After dispensing the coffee, the coffee-maker is ready to make more coffee.



### B) Coffee made with ready-ground coffee.

This coffee-maker can use ready-ground coffee without needing to use the grinder. This function is particularly useful when making decaffeinated coffee.

- Open the ground coffee dispenser cover.

- Use the dispensing spoon to calculate the amount of ground coffee. **IMPORTANT!** The maximum amount is one flat spoonful of coffee (8 g). Then close the cover.
- Press the ground coffee button. The frame around the icon will light up.



- Press the button for the coffee you want. The frame around your selection will light up.



**N.B.** When you use ground coffee, you cannot make two cups of coffee at the same time.

- When the coffee-maker finishes dispensing the coffee, you can remove the cup.



- If you are not going to any make more cups of coffee using ground coffee, press the 'one coffee bean' or 'two coffee beans' button.



The frame around the 'ground coffee' icon will disappear.



**IMPORTANT!** While the coffee-maker is dispensing the coffee, you can stop the extraction by pressing the ESCAPE button.

**Esc**

N.B. If the side door is opened or if the drip tray is removed during the extraction or brewing process, the process will stop.

## 13 HOT WATER

1. Check that the coffee-maker is ready.



2. Place the glass or cup under the steam nozzle.
3. Press the 'hot water' button. The hot water symbol will appear inside a square frame.



The screen also indicates your selection:



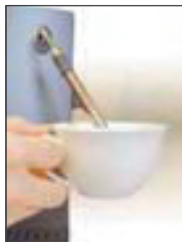
4. Turn the steam regulator anticlockwise as far as it will go (180°). Close it when you have obtained sufficient hot water.
5. Remove the glass or cup filled with hot water.
6. Press the 'hot water' button or the ESCAPE button to disable this function.

The frame around the hot water symbol will disappear.



**Esc**

7. The coffee-maker is ready to make coffee.



## 14 STEAM

1. Check that the coffee-maker is ready.



2. Place a glass or jug under the steam nozzle.
3. Press the 'steam' button. The frame around the steam symbol will light up.



While the coffee-maker is heating up, the screen will display the hourglass symbol:



When the coffee-maker is ready to obtain steam, the steam symbol is displayed on the screen:



4. Place a container under the steam nozzle and open it by turning the steam regulator clockwise to empty any possible residual water that may have been left in the steam nozzle. Close the steam nozzle and throw the water away.

5. Position the cup or jug with the liquid that is to be heated up. To obtain steam, turn the steam regulator anticlockwise. Close the steam regulator when you have finished heating up the liquid. N.B. To heat up the milk and make it frothy, move the cup or jug in circles.
6. Remove the cup or jug with the heated liquid or frothy milk.



- Press the 'steam' or ESCAPE button to turn off the steam. The frame surrounding the steam will disappear.



Esc

- The coffee-maker automatically stabilises the temperature inside the system. This automatic process takes approximately 25 seconds, during which water is expelled through the coffee outlet.

The display shows the hourglass symbol:



- The coffee-maker is ready to make coffee.



## 15 CAPPUCCINO



- Fill a large cup up to 1/3 with cold milk.
- Check that you have selected the steam function and that the coffee-maker is ready.



Steam ready:



- Place a glass or jug under the steam nozzle. Open the steam regulator to empty any residual water that may have been left in the steam nozzle. When steam comes out, close the regulator.
- Place the cup with the milk under the steam nozzle.



- Open the steam nozzle, turning the steam regulator.



- Move the cup in circles to heat the milk evenly.
- After heating the milk and making it frothy, close the steam outlet.



- Press the 'steam' or ESCAPE button. The frame around the steam symbol goes off.



Esc

- The coffee-maker automatically stabilises the temperature inside the system. This automatic process takes approximately 25 seconds. During this process, you will see the hourglass symbol on the screen and water will come out of the coffee outlet.



10. The coffee-maker is ready to make coffee.



11. Place the cup with the frothy milk under the coffee outlet.

12. Pour the coffee directly into the cup for a delicious cappuccino

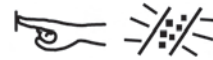


## 16 LIME SCALE REMOVAL

Lime scale should be removed regularly to clean the deposits from the internal circuits of the coffee-maker. The frequency with which your coffee-maker **needs to be cleaned depends on the hardness of the water you use**. Consequently, you first of all need to test the hardness of the water. To do this, proceed as indicated in section **18 PROGRAMMING YOUR COFFEE-MAKER**.

**IMPORTANT!!** DO NOT USE VINEGAR OR ANY OTHER LIME SCALE REMOVAL AGENT NOT SUPPLIED BY BIANCHI VENDING UNDER ANY CIRCUMSTANCES. You will find a sachet of lime scale removal agent containing the exact amount for one removal with the accessories to your coffee-maker

1. The coffee-maker will indicate when the lime scale needs to be removed from the circuits by displaying the following symbols on the screen:



**N.B.** The lime scale removal process takes approximately 35 minutes and does not necessarily have to be carried out when the coffee-maker displays the symbols. When this happens, you can continue making coffee, but the appliance will indicate the need for the lime scale removal. If this is not done, the machine may become damaged.

2. Press the 'P' button to enter the programming menu.



3. Press the 'arrow' icon until the lime scale removal symbol is displayed.



4. The lime scale removal symbol is displayed on the screen.



5. To select it, press the 'P' button again.



6. The coffee-maker tells you to fill the water tank before beginning the lime scale removal process. Do not pour water in yet; to remove the lime scale, you have to prepare the removal solution.



7. Prepare the lime scale removal solution as indicated on the sachet containing the removal agent supplied by Bianchi Vending. Pour the content into the water tank and add water up to the lime scale removal mark on the tank.



8. Owing to the lengthiness of this process, you need to confirm that you want to carry it out at that time. Before confirming, make sure you have poured the removal agent into the water tank.

a) To confirm the lime scale removal process, press the 'P' button.

**P**

b) To exit the process, press the 'ESC' button.

**Esc**

**IMPORTANT!** If you have poured the removal agent into the water tank, remove it to make sure you do not use it by mistake to prepare a coffee.

**N.B.** if you exit the lime scale removal process once it has begun, press the ESC button for the programme to continue the rinse cycle. This will prevent traces of the removal agent remaining inside the appliance.

9. Once the lime scale removal process has been confirmed, the coffee-maker will indicate that the process is starting on the screen.



The duration of the process will be indicated on the bar that appears on the screen. The bar will complete as time progresses.



10. The screen will indicate the need to fill the water tank with clean water and will tell you to empty the drip tray.



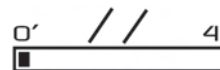
11. Empty the remaining water from the tank and fill it with clean water. Empty the drip tray.



12. Once the lime scale removal process has finished, the system must be rinsed to make sure that all remains of the removal agent are removed. To rinse the appliance, press the 'P' button again.

**P**

13. The coffee-maker will indicate that the rinse process has begun.



14. The bar will be completed as time progresses.



15. After the rinse process, the coffee-maker is ready to make coffee.



**N.B.** The 'no water' icon may appear during the lime scale removal and rinse processes. Once the water tank is filled, this symbol will disappear and the process will continue.



## 17 CLEANING AND MAINTENANCE

**IMPORTANT!** Do not place the coffee-maker in water or any other liquid or place any of its parts in a dishwasher.

**IMPORTANT!** Do not dry the coffee-maker or any of its parts in an oven and/or microwave.

### A) BASIC CLEANING

1. Turn off the coffee-maker (position '0').
2. Unplug the coffee-maker.
3. Clean the water tank.



4. Remove the drip tray and empty it. Wash it with water.
5. Remove the grounds compartment (used coffee) and empty it. Wash it with water.
6. Unscrew the steam nozzle together with the outlet and clean all the parts. If it is blocked, clean the air inlet hole of the steam nozzle with a needle to optimise the steam function. When putting it back in place, make sure that this hole is at the top of the steam nozzle.
7. Eliminate the coffee remains left in the coffee dispenser with the brush.
8. Remove the sugar cube compartment and wash it with water.
9. Remove the coffee outlet and wash it with water.



**IMPORTANT! The coffee-maker and its parts must be cleaned at least once a week.**

## B) BREWING UNIT

This unit is a professional unit and does not need any special maintenance until it has been operating for five years (6,000 cups), when you should take the coffee-maker for service by authorised personnel.

We recommend you clean the coffee-maker thoroughly every so often, removing and cleaning the brewing unit every 1,000 cups or whenever you consider that the coffee flow has decreased. To do this, proceed as indicated in the following section.



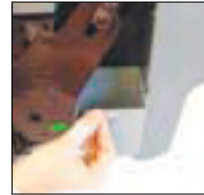
In addition, we recommend you eliminate any coffee remains that may have been left in the piston filter using the brush included in the accessories box.



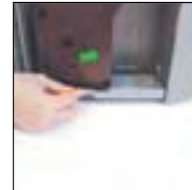
## CLEANING

1. Open the side cover.

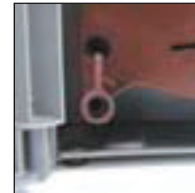
2. Remove the grounds compartment.



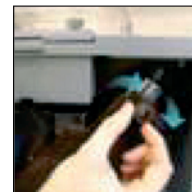
3. Remove the coffee grounds collection tray.



4. Move the unit lever to the left.



5. Unscrew the top of the unit.





6. Remove the unit.



7. Wash the unit under the tap with plenty of hot water.



8. Wait until the unit is completely dry.



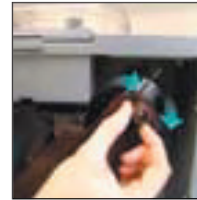
9. Replace the unit, making sure the indicated points coincide.



10. Move the unit lever to the right.



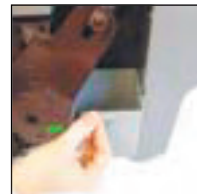
11. Screw up the top of the unit.



12. Place the tray in position.



13. Place the grounds compartment in position.



14. Close the side cover.

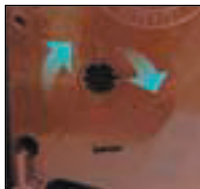


**IMPORTANT!** When handling the unit for cleaning, the internal system that compacts the coffee may move easily. To return it to its original position, use the brewing unit spanner supplied with the coffee-maker. Make sure that the marks on the fixed and moving parts coincide. If not, proceed as follows:

Insert the spanner in the lock.



Turn the spanner to the left (anticlockwise) until the two marks on the fixed and moving parts coincide.



### C) AUTO-CLEANING FUNCTION

The coffee-maker automatically performs three system-cleaning processes:

1) When you turn on the coffee-maker, it cleans the pipes with a little hot water to make sure that the coffee it makes does not contain any traces of water left in the pipes from coffee made previously.

- 2) Before turning off and to prevent the coffee outlet from being blocked with coffee remains, the coffee-maker expels a little water and cleans the coffee outlet. This function has been designed to save you from having to carry out this cleaning process manually.
- 3) If the auto-off function is disconnected, the coffee-maker will perform auto-cleaning every 14 cups (when the grounds compartment is emptied).

## 18 PROGRAMMING YOUR COFFEE-MAKER

The coffee-maker is programmed for use without it being necessary to modify any parameters, but it offers the possibility of adapting it to your personal preferences easily and intuitively. Consequently, we have designed a simple menu for defining the various functions of the coffee-maker.






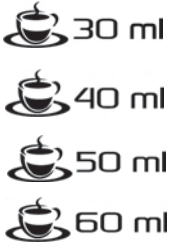



You can programme the amount of water per cup. By default, the coffee-maker is programmed with a certain amount of water for an espresso or large coffee. You can modify the amount of water set for each type of coffee and adapt it to your personal preferences.

The coffee-maker can turn itself off to save energy and you can relax when you leave your home, knowing that it will disconnect. Depending on the use you make of your coffee-maker, you can programme the time when you want your coffee-maker to turn off after it has been used.













The water in each area has a certain amount of lime that affects the life of the coffee-maker. You can check the hardness of the water you use and programme your coffee-maker to tell you when the lime scale should be removed from the appliance. You can also select the contrast level of the screen and whether or not you want the coffee-maker to beep to tell you when the coffee or the steam is ready.

The following is a detailed explanation of how to use the programming menu:






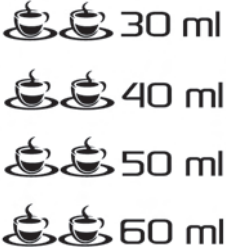



## A) ADJUSTING THE AMOUNT OF WATER FOR AN ESPRESSO COFFEE

Sequence	Press the button	Message on screen.
1. The coffee-maker is ready.		
2. Press the 'P' button to enter the programming menu.		
3. The first programme is for adjusting the amount of water per cup. You can programme the amount for each type of coffee you can obtain. To help you, the four possibilities will begin to flash.		
4. To programme the amount of water for an espresso coffee, press the corresponding button.		
5. After pressing the button for 1 cup of espresso coffee, you enter the menu for programming the amount of water. Press the 'arrow' to increase the amount of water by 10 ml from 30 ml to 60 ml. By default, the coffee-maker is programmed with 40 ml for an espresso coffee.		
6. To confirm your selection, press 'P'. To exit the programming mode, press 'Esc'.	 	
7. The coffee-maker is ready.		













## B) ADJUSTING THE AMOUNT OF WATER FOR A LARGE COFFEE

Sequence	Press the button	Message on screen.
1. The coffee-maker is ready.		
2. Press the 'P' button to enter the programming menu.		
3. The first programme is for adjusting the amount of water per cup. You can programme the amount for each type of coffee you can obtain. To help you, the four possibilities will begin to flash.		
4. To programme the amount of water for a large coffee, press the corresponding button.		
5. After pressing the button for 1 large cup of coffee, you enter the menu for programming the amount of water. Press the 'arrow' to increase the amount of water by 25 ml from 75 ml to 150 ml. By default, the coffee-maker is programmed with 100 ml for a large cup of coffee.		 75 ml  100 ml  125 ml  150 ml
6. To confirm your selection, press 'P'. To exit the programming mode, press 'Esc'.	 	
7. The coffee-maker is ready.		







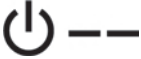


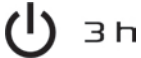



### C) ADJUSTING THE AMOUNT OF WATER FOR 2 ESPRESSOS

Sequence	Press the button	Message on screen.
1. The coffee-maker is ready.		
2. Press the 'P' button to enter the programming menu. .		
3. The first programme is for adjusting the amount of water per cup. You can programme the amount for each type of coffee you can obtain. To help you, the four possibilities will begin to flash.		
4. To programme the amount of water for 2 espresso coffees, press the corresponding button.		
5. After pressing the button for 2 espresso coffees, you enter the menu for programming the amount of water. Press the 'arrow' to increase the amount of water by 10 ml from 30 ml to 60 ml. By default, the coffee-maker is programmed with 40 ml for each cup of espresso coffee.		
6. To confirm your selection, press 'P'. To exit the programming mode, press 'Esc'	 	
7. The coffee-maker is ready. .		

## D) ADJUSTING THE AMOUNT OF WATER FOR 2 LARGE COFFEES

Sequence	Press the button	Message on screen.
1. The coffee-maker is ready		
2. Press the 'P' button to enter the programming menu		
3. The first programme is for adjusting the amount of water per cup. You can programme the amount for each type of coffee you can obtain. To help you, the four possibilities will begin to flash.		
4. To programme the amount of water for 2 large coffees, press the corresponding button.		
5. After pressing the button for 2 large coffees, you enter the menu for programming the amount of water. Press the 'arrow' to increase the amount of water by 25 ml from 75 ml to 150 ml. By default, the coffee-maker is programmed with 100 ml for each large cup of coffee.		 75 ml  100 ml  125 ml  150 ml
6. To confirm your selection, press 'P'. To exit the programming mode, press 'Esc'.	 	
7. The coffee-maker is ready.		















## E) ENERGY SAVING

Sequence	Press the button	Message on screen.
1. The coffee-maker is ready.		
2. Press the 'P' button to enter the programming menu.		
3. Press the '>' button until the 'auto-off' symbol appears on the screen.		
4. To programme this function, press 'P'.		
<p>5. The 'auto-off' symbol is displayed on the screen.</p> <p>Press the '&gt;' button to increase the time from disconnection to one hour, two hours, three hours and disconnection again.</p> <p>By default, the coffee-maker will turn itself off at the programmed time when no instructions are received.</p>		   
<p>6. To confirm your selection, press 'P'.</p> <p>To exit the programming mode, press 'Esc'.</p>	 	
7. The coffee-maker is ready		

## F) WATER HARDNESS











The hardness of the tap water varies with each region and you should test the hardness of the water you are going to use in your coffee-maker. Once the coffee-maker has been programmed with the hardness of the water, it will indicate when the lime scale should be removed from the system.

First of all, test the water hardness. To do this, put the strip of reagent in the water for one second. Some of the squares on the strip of reagent will change colour. The hardness of the water will be equal to the number of squares that change colour.












Sequence	Press the button	Message on screen
1. The coffee-maker is ready		
2. Press the 'P' button to enter the programming menu.		
3. Press the '>' icon until the 'water hardness' icon is displayed.		 ...
4. To programme the water hardness, press 'P' .		
5. After pressing 'P', the water hardness menu is displayed on the screen. Press '>' to increase the water hardness level from 1 to 5 (after 5, it returns to 1). <b>By default, the coffee-maker is programmed with a water hardness level of 5.</b>		 1  2  3  4  5
6. To confirm your selection, press 'P'.		
To exit the programming mode, press 'Esc'.		
7. The coffee-maker is ready.		



## G) DIGITAL SCREEN CONTRAST

Sequence	Press the button	Message on screen
1. The coffee-maker is ready.		
2. Press the 'P' button to enter the menu.		
3. Press the '>' icon until the 'contrast' icon is displayed.		
4. To programme the screen contrast, press 'P'.		
<p>5. After pressing 'P', the contrast menu is displayed on the screen. Press '&gt;' to increase the contrast level from 1 to 4 (after 4, it returns to 1).</p> <p><b>By default, the coffee-maker is programmed with a contrast level of 4.</b></p>		
<p>6. To confirm your selection, press 'P'.</p> <p>To exit the programming mode, press 'Esc'.</p>	 	
7. The coffee-maker is ready.		

## H) SEGNALI ACUSTICI

Sequence	Press the button	Message on screen
1. The coffee-maker is ready.		
2. Press the 'P' button to enter the programming menu.		
3. Press the '>' icon until the 'beep' icon is displayed.		
4. To enter the beeps programme, press 'P'.		
5. After pressing 'P', the beeps menu is displayed on the screen. Press '>' to move between the two alternatives: 'ON' and 'OFF'.  <b>By default, the coffee-maker is programmed with the beeps ON.</b>		 ON  OFF
6. To confirm your selection, press 'P'. To exit the programming mode, press 'Esc'.	 	
7. The coffee-maker is ready.		

## I) COUNTER





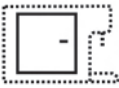



The coffee-maker has a coffee cup counter to inform you of the number of cups it has made. This amount is for information purposes only and cannot be changed. The counter has five digits. You will see the number of cups the appliance has made on the screen, next to the 1coffee cup symbol.

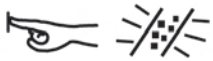





## J) LIME SCALE REMOVAL




See section 16 LIME SCALE REMOVAL


## 19 MESSAGES

Function	Icon on display	Comment
Fill the system with water.		The coffee-maker needs to fill its internal circuits with water. Before transporting the coffee-maker, the circuits are emptied to prevent the forming of bacteria and must then be refilled. To fill the system, use the steam regulator..
The steam nozzle has not been closed correctly.		CLOSE THE STEAM NOZZLE before making the coffee. This will prevent the steam nozzle from dripping when you are making a coffee. Once closed, the symbol disappears
No water.		FILL THE WATER TANK. The coffee-maker will not make any more cups of coffee until the water tank has been filled.
Grounds compartment full.		CLEAN THE COMPARTMENT. The coffee-maker will not make any more cups of coffee until the coffee grounds have been emptied.
Main cover open		CLOSE THE SIDE COVER. The coffee-maker will not make more cups of coffee until the cover is closed.
No grounds compartment.		PUT THE COMPARTMENT IN POSITION. The coffee-maker will not make any more cups of coffee until the grounds compartment has been put in position.
No brewing unit.		FIT THE BREWING UNIT. The coffee-maker will not make any more cups of coffee until the brewing unit has been fitted.
No drip tray.		PUT THE DRIP TRAY IN POSITION. The coffee-maker will not make more cups of coffee until the drip tray has been put in position.

Function	Icon on display	Comment
Lime scale removal		<p>SELECT COFFEE/LIME SCALE REMOVAL. The coffee-maker will continue to make coffee but indicate that the lime scale needs to be removed from the machine.</p>
Cleaning the tray at the end of the lime scale removal process.		<p>EMPTY THE DRIP TRAY AND FILL THE WATER TANK WITH CLEAN WATER. The coffee-maker has finished removing the lime scale from the pipes and has poured the removal agent on to the drip tray, which is now full. First of all, empty it and then fill the water tank with clean water for the rinse cycle.</p>
Something is not working correctly.		<p>RESET THE COFFEE-MAKER SOFTWARE by turning off the main switch (position '0'), wait a few seconds and then turn it on again.</p> <p>If, after turning off and turning on the coffee-maker, the symbol continues, THE COFFEE-MAKER NEEDS TO BE REPAIRED AT AN AUTHORISED TECHNICAL SERVICE CENTRE. The coffee-maker will not work until it has been repaired.</p>
N.B.		<p>When the situation has been corrected, the coffee-maker is again ready to make coffee.</p>

## 20 TROUBLESHOOTING

PROBLEM	CAUSE	SOLUTION
The coffee-maker does not come on.	The coffee-maker is not connected to the mains	Press the switch, position 'I' (on).
		Check the cable and the plug.
		If it still does not come on, take the coffee-maker to an authorised technical service centre.
The first coffee is of poor quality.	The first time the grinder is started, it does not pour sufficient quantity into the brewing unit.	Throw the coffee away. The other coffees will always be of good quality.
When I turn the machine on, a little dirty water comes out.	The coffee-maker automatically cleans the pipes to make sure the coffee is of optimum quality, free from the remains of previous coffees.	Throw the coffee away. The other coffees will always be of good quality.
When I turn the machine off, a little dirty water comes out.	Before turning off and to prevent the coffee outlet from being blocked with coffee remains, the coffee-maker expels a little water and cleans the coffee outlet.	No solution is required; this function has been designed to prevent you from having to clean it manually.
The coffee is not hot enough.	The cups are cold.	Preheat the cups.
When coffee made with ground coffee is selected, the coffee-maker pours out only water.	You have not put the ground coffee in the coffee dispenser.	Add ground coffee using the dispensing spoon (maximum one flat spoonful) and select the coffee again.
You have used ground coffee and no coffee is made.	You have put too much coffee in the dispenser.	Pulire il dispenser di caffè macinato. Ripetere l'operazione usando il cucchiaino dosatore e mettere al massimo 1 cucchiaino raso
	You have not pressed the button and the coffee bean compartment is empty. 	Press the button again. 
	You have put the ground coffee in the dispenser when the coffee-maker was switched off.	Clean the ground coffee from the dispenser. Repeat the operation, first of all pressing the button. 

PROBLEM	CAUSE	SOLUTION
	Part of the ground coffee may have been left in the inlet	Use the brush included with the accessories to make the coffee drop or use the back of the dispensing spoon.
No steam or hot water is obtained.	The steam nozzle is blocked.	Clean the blocked pipe with a needle. <b>IMPORTANT!</b> During this operation, the steam regulator must be closed and the coffee-maker turned off.
The coffee-maker needs a lot of time to make the coffee.	The grind is too fine.	Select a coarser grind.
The brewing unit does not fit in place after it has been removed for cleaning.	The piston that presses down the coffee has moved.	Use the brewing unit spanner to position the piston in place (as indicated in section 17. CLEANING AND MAINTENANCE, section B) BREWING UNIT).
No coffee comes out of the outlets.	The coffee outlet is blocked with dry coffee remains.	Remove the coffee outlet and wash it under the tap.
	The pipes through which the coffee comes out of the coffee-maker into the removal outlet are blocked.	Remove the coffee outlet. Clean the blocked pipe(s) with a needle.
		<b>IMPORTANT!</b> During this operation, the coffee-maker must be turned off.
The coffee flow decreases or the brewing time increases.	The brewing unit needs to be cleaned	Clean the unit as indicated in section 17 CLEANING AND MAINTENANCE.



