

Capsule coffee machine  
**Instruction manual**

**JAVA**



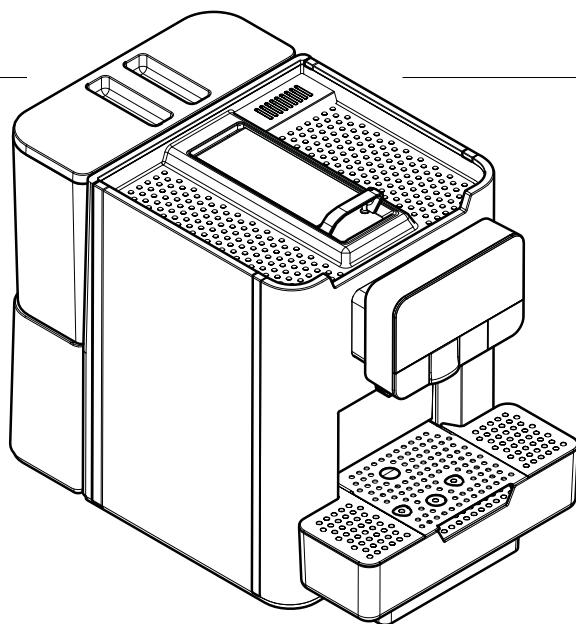
Please read the instructions and safety regulations  
carefully before using the coffee machine.

  
**aequinox**  
COFFEE SYSTEMS



Automatic Machine for Espresso Coffee and Hot Beverages

Java



Type: SUP048B

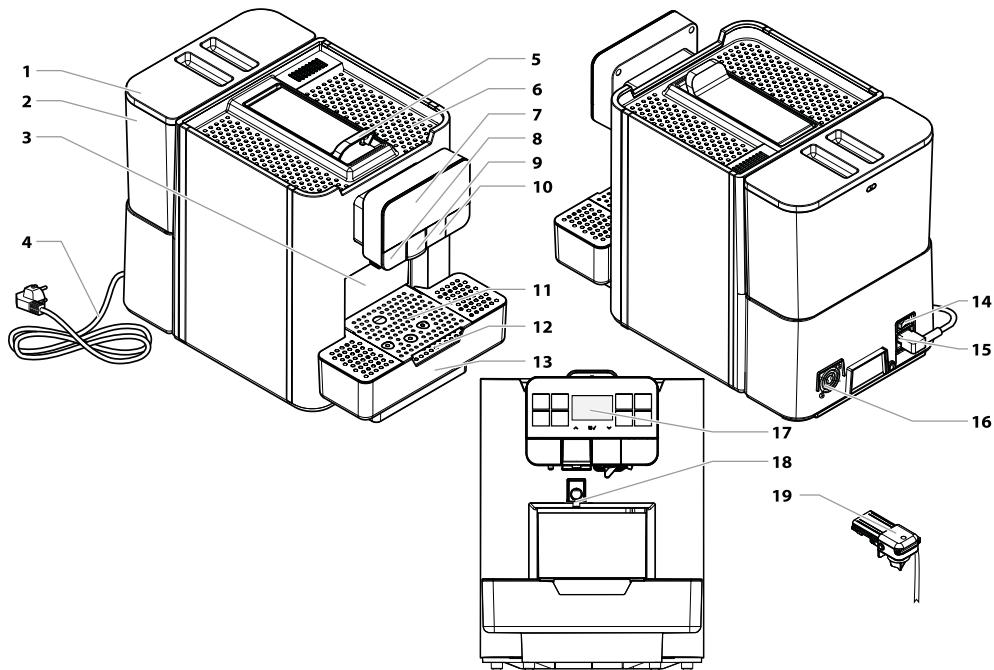
CE

WARNING: Read these instructions carefully before using the machine.

UK

OPERATION AND MAINTENANCE

## MAIN PARTS



<b>1</b>	Water tank lid
<b>2</b>	Water tank
<b>3</b>	Used capsule drawer
<b>4</b>	Power cord
<b>5</b>	Capsule loading tray
<b>6</b>	Cup holder surface
<b>7</b>	Touch control panel
<b>8</b>	Hot water dispensing spout
<b>9</b>	Moving coffee dispensing spout
<b>10</b>	Cappuccinatore cover

<b>11</b>	Cup holder (small cups)
<b>12</b>	Cup holder (mugs)
<b>13</b>	Drip tray
<b>14</b>	Power button
<b>15</b>	Chassis plug
<b>16</b>	Ventilation fan
<b>17</b>	Display
<b>18</b>	Coffee dispensing spout
<b>19</b>	Cappuccinatore

## SAFETY INSTRUCTIONS

 **Never allow water to come into contact with any of the electrical parts of the machine: danger of short circuit! Hot water and steam may cause scalding!**

### **Intended Use**

 The machine is intended to be used in small offices/organisations only.

 Do not make any technical changes or use the machine for unauthorised purposes since this would create serious hazards!

 The machine may be used by children older than 8 and upwards or by persons with reduced physical, mental or sensory abilities or lacking sufficient experience and/or skills, provided that they are supervised or instructed on how to use the appliance correctly and that they understand the hazards involved.

 Children must not play with the appliance.

 Children must not carry out any cleaning and maintenance operations without being monitored.

## **Power Supply**

 The machine must be connected to the power supply by the service provider, in accordance with its specifications.

 Do not use the power cord to carry or pull the machine. Do not pull out the plug by the power cord or touch it with wet hands or feet. Do not let the power cord hang freely from tables or shelves.

## **Power cord**

 Never use the machine if the power cord is defective.

 Report any defects in the cord and/or plug to the service provider immediately.

 Do not pass the power cord around corners, over sharp edges or over hot objects and keep it away from oil.

 If the power cord is damaged, it must be replaced by the manufacturer, its service centre or by adequately qualified personnel in order to avoid any risks.

## **For the Safety of Others**

 Ensure that children cannot play with the machine and/or the packaging materials.

## **Danger of Burning**

 Do not touch the hot water dispensing spout or the coffee/beverage dispensing spout.

## **Fire Safety Precautions**

 In case of fire, use carbon dioxide (CO<sub>2</sub>) extinguishers. Do not use water or dry powder extinguishers.

## **Suitable Location for Operation and Maintenance**

 The machine should be installed by the service provider in accordance with the safety regulations in force at the time of installation.

 The machine may only be moved by the service provider.

 Do not use the machine outdoors.

 Do not install the machine in a location where water jets may be used.

 Avoid placing open flames and/or incandescent objects near the machine so as not to damage or melt the machine housing.

 Do not use in places where the temperature may drop to a level equal to and/or lower than 2°C or higher than 32°C. If the machine has been exposed to such conditions, alert the service provider, who will carry out a safety check.

 The appliance must be installed on a horizontal surface.

 The machine must only be installed in places where it can be checked by qualified staff.

## **Cleaning**

 Before cleaning the machine, the power button must be switched to OFF (0) and the plug must be removed from the power socket. Wait for the machine to cool down.

 Never immerse the machine in water!

 It is strictly forbidden to tamper with the internal parts of the machine.

 Do not clean the machine using a jet of water.

 The appliance and its components must be cleaned and washed following a period of inactivity.

## **Using Milk**

 Milk must be used and stored in accordance with the instructions given on the manufacturer's original packaging.

 We accept no liability for use of milk unsuitable for human consumption.

 Milk must be kept cold, as high temperatures will make it turn sour - this is a natural characteristic of milk. For this reason, the Cappuccinatore must be cleaned after each use, as described in the manual.

 Clean the Cappuccinatore following the instructions described in this manual.

## **Milk Dosage**

 The machine has a default dose set-up for all milk beverages. However, the dose of beverage in the cup may vary according to the type of milk used. Therefore it is recommended to check the doses - using a milk type which is normally used - and, if necessary, to set them again according to the user needs.

## **Storing the Machine**

 If the machine is to remain inactive for a long time, turn it off and unplug it. Store the machine in a dry place, out of the reach of children. Keep it protected from dust and dirt.

## **Repairs / Maintenance**

 In case of breakdown, defect or a suspected fault resulting from a fall, immediately remove the plug from the power socket and alert the service provider or specialised technician.

 Never attempt to operate the machine if it is faulty.

 Only the service provider and/or technician may service or repair the machine.

 Only skilled and experienced people - with particular reference to safety and hygiene - are allowed to access the service area.

# CONTENTS

<b>MAIN PARTS</b>	<b>2</b>	<b>11 TROUBLESHOOTING</b>	<b>80</b>
<b>1 INTRODUCTION TO THE MANUAL</b>	<b>9</b>	11.1 WARNING SIGNALS	80
1.1 PREAMBLE	9	11.2 PROBLEMS - CAUSES - SOLUTIONS	83
1.2 ICONS USED	10		
<b>2 INFORMATION ABOUT THE MACHINE</b>	<b>11</b>	<b>12 STORAGE - DISPOSAL</b>	<b>84</b>
2.1 INFORMATION FOR THE MAINTENANCE	11	12.1 LOCATION CHANGE	84
TECHNICIAN		12.2 INACTIVITY AND STORAGE	84
2.2 DESCRIPTION AND INTENDED USE	11		
2.3 APPLIANCE IDENTIFICATION	12	<b>13 INSTRUCTIONS FOR END OF</b>	<b>85</b>
2.4 TECHNICAL SPECIFICATIONS	13	<b>OPERATIONAL LIFE DISPOSAL</b>	
<b>3 SAFETY</b>	<b>14</b>		
3.1 PREAMBLE	14		
3.2 GENERAL SAFETY INSTRUCTIONS	14		
3.3 OPERATOR REQUIREMENTS	15		
<b>4 HANDLING AND STORAGE</b>	<b>16</b>		
4.1 UNLOADING AND HANDLING	16		
4.2 STORAGE	16		
<b>5 INSTALLATION</b>	<b>17</b>		
5.1 CAUTIONS	17		
5.2 UNPACKING AND POSITIONING	18		
5.3 CONNECTION TO THE ELECTRIC NETWORK	19		
<b>6 DESCRIPTION OF CONTROLS</b>	<b>21</b>		
6.1 POWER BUTTON	21		
6.2 DISPLAY	21		
6.3 KEYPAD	21		
6.4 BUTTON DESCRIPTION DURING NORMAL	21		
OPERATION			
<b>7 SUPPLY AND START UP</b>	<b>23</b>		
7.1 FILLING THE WATER TANK	23		
7.2 MEASURING AND ADJUSTING WATER	24		
HARDNESS			
7.3 AQUACLEAN FILTER	24		
7.4 "INTENZA+" WATER FILTER	30		
7.5 ADJUSTING THE COFFEE DISPENSING SPOUT	32		
7.6 TURNING ON/OFF THE MACHINE	33		
7.7 FIRST USE - USE AFTER A LONG PERIOD OF	33		
INACTIVITY			
7.8 WASHING THE PARTS COMING INTO	35		
CONTACT WITH FOOD			
7.9 USING THE APPLIANCE	35		
<b>8 PROGRAMMING MENU</b>	<b>36</b>		
8.1 BUTTON DESCRIPTION IN PROGRAMMING	36		
MODE			
8.2 USER PROGRAMMING	36		
8.3 MAINTENANCE PROGRAMMING	40		
8.4 TECHNICAL PROGRAMMING	47		
<b>9 OPERATION AND USE</b>	<b>57</b>		
9.1 WARM-UP AND RINSING	57		
9.2 RINSING AND SELF-CLEANING	58		
9.3 LOADING CAPSULES	58		
9.4 BREWING A SINGLE COFFEE/PRODUCT	60		
9.5 DISPENSING HOT WATER	65		
9.6 EMPTYING THE CAPSULE DRAWER AND THE	66		
Drip Tray			
<b>10 CLEANING AND MAINTENANCE</b>	<b>68</b>		
10.1 GENERAL NOTES FOR CORRECT	68		
OPERATION			
10.2 CLEANING AND SCHEDULED	69		
MAINTENANCE			

# I INTRODUCTION TO THE MANUAL

## I.1 Preamble

 This publication is an essential part of the machine and must be read carefully for a proper use compliant with basic safety requirements.

 This manual contains the technical information necessary to properly perform the operating, installation, cleaning and maintenance procedures.

 Always refer to this manual before carrying out any operation.

Manufacturer: SaGa Coffee S.p.A.  
Località Casona, I066 - 40041 Gaggio Montano  
Bologna, Italy  
[www.saecoprofessional.com](http://www.saecoprofessional.com)

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 This publication should be carefully kept and must be provided with the machine throughout its service life, including any transfer of ownership.

 If this manual is damaged or lost, a copy may be requested from the manufacturer or the technical service by indicating the data contained on the data plate on the rear side of the machine.

 The manufacturer reserves the right to make changes without prior notice.

## 1.2 Icons Used

Various kinds of warnings are contained in this manual to highlight the different hazard or competence levels.

Each icon is followed by a message suggesting operating and behaviour procedures and providing useful information for the correct operation of the machine.

### Warning

It is used to highlight danger situations for the persons in charge of using, refilling and servicing the machine.

### Prohibition

It is used to highlight actions/operations not to be performed.

### Important

It is used to indicate operations that, if correctly performed, preserve the correct operation of the machine.

### Suggested solutions

It is used to indicate alternative procedures which make programming and/or maintenance operations quicker.

### User

It is used to indicate the user of the machine. Users are not allowed to perform any cleaning or maintenance operations.

### Supply operator

It is used to indicate those operations that must be performed only by the person in charge of refilling and cleaning the machine.

Supply operators can not perform any operations requiring a Maintenance Technician.

### Maintenance technician

It is used to signal those operations that must be performed only by the specialised maintenance technicians.

## 2 INFORMATION ABOUT THE MACHINE

### 2.1 Information for the Maintenance Technician

 The appliance must be installed in a well-lit, sheltered and dry place and on a counter able to bear its weight.

To ensure its correct operation and reliability over time, comply with the following recommendations:

- ambient temperature: from +2°C to +32°C;
- maximum humidity allowed: 80% (non-condensed).

For special installations, not covered by this manual, please contact the dealer or the local importer. If this is not possible, please contact the Manufacturer.

The technical service is available for any explanation or information regarding the correct operation of the machine and to satisfy any request for spare parts supply or technical assistance.

The Maintenance Technician must carefully read and observe the safety warnings contained in this manual to ensure that installation, start-up, use and maintenance operations are performed in complete safety.

This manual is an essential part supplied with the machine and must always be available for consultation before carrying out any operation on the machine.

### 2.2 Description and Intended Use

This machine automatically brews:

- coffee and espresso brewed exclusively with LAVAZZA BLUE\*, NESPRESSO\* or compatible capsules, according to the model;
- hot water to prepare beverages;
- milk-based beverages using the Cappuccinatore supplied.

The elegant machine housing has been designed for use in small offices, businesses and institutions.

Using the machine for any other purpose is considered dangerous and as a misuse.

 Misuse voids all forms of warranty, releasing the Manufacturer from any responsibility for damage to property and/or personal injury.

 The following are also considered misuse:

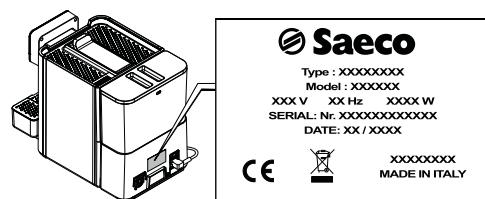
- any use other than the intended use and/or employing methods other than those described in this manual;
- any operation on the machine in breach of the instructions provided in this manual;
- any tampering with parts and/or safety devices not previously authorised by the Manufacturer and performed by unauthorised personnel;
- use of capsules that are not compatible with LAVAZZA BLUE\* or NESPRESSO\*, according to the model.
- use of the machine outdoors.

In such cases, the user shall bear the costs of repair.

\* LAVAZZA BLUE and NESPRESSO brands are neither property of Saga Coffee S.p.A. nor of other related companies.

## 2.3 Appliance Identification

The appliance is identified by the model name and serial number shown on the special plate.



The plate contains the following data:

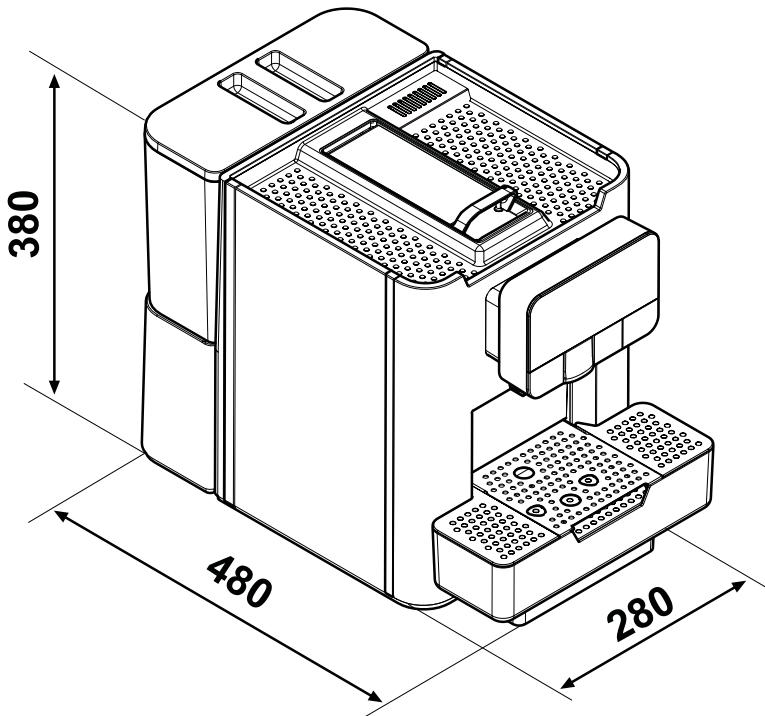
- name of the Manufacturer;
- marks of conformity;
- model;
- serial number;
- year and month of manufacture;
- supply voltage (V);
- supply frequency (Hz);
- electrical power consumption (W);
- appliance code.

 It is strictly forbidden to tamper with or modify the data plate.

 When contacting the technical service, always refer to this plate by indicating the technical data shown on it.

## 2.4 Technical Specifications

Size (w x h x d)	280 x 380 x 480 mm	
Weight	approx. 9 kg	
Machine housing material	Thermoplastic material	
Power Rating	See the data plate	
Supply Voltage	See the data plate	
Power cord length	approx. 1,200 mm	
Capacity	Water tank	4 litres
	Used capsule drawer	40 LAVAZZA BLUE capsules
		50 NESPRESSO capsules
Capsule Type	LAVAZZA BLUE or NESPRESSO according to the model	
Control panel	Front panel	
A-weighted sound pressure level	less than 70 dB	
Pump pressure	Max. 1.9 MPA (19.0 bar)	
Operating conditions	Minimum temperature: above 2°C Maximum temperature: less than 32°C Maximum humidity: less than 80%	
Safety devices	Boiler pressure safety valve Safety thermostat	



Subject to engineering and manufacturing changes due to technological improvements.  
 Machine compliant with EU Directive 2014/30/EU.

## 3 SAFETY

### 3.1 Preamble

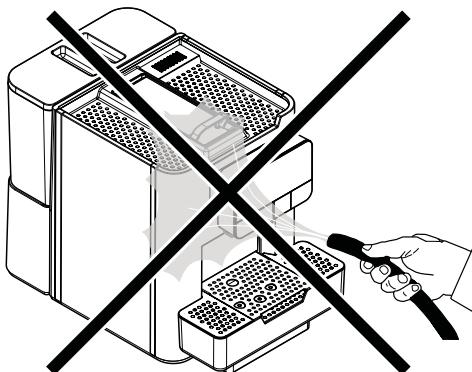
In accordance with the applicable standards and regulations, SaGa Coffee has prepared a technical file relating to the JAVA machine at its premises, acknowledging the following standards in the design stage:

- EN 55014-1
- EN 55014-2
- EN 6100-3-2
- EN 61000-3-3
- EN 60335-2-75
- EN 60335-1

### 3.2 General Safety Instructions

#### **It is forbidden to:**

- tamper with or disable the safety systems installed on the machine;
- perform maintenance operations on the appliance, before unplugging the power cord;
- install the appliance outdoors. It is advisable to place it in a dry place where the temperature does not drop below 2°C, in order to prevent any possible freezing.
- use the appliance for purposes other than those indicated in the sale contract and in this manual;
- electrically connect the appliance using multi-sockets or adapters;
- use jets of water for cleaning operations.



#### **It is mandatory to:**

- check conformity of the power supply;
- use original spare parts;
- carefully read the instructions contained in this manual and in the attached documents;
- use personal protective equipment when performing installation, testing and maintenance operations.

#### **Precautionary measures to prevent human errors:**

- make the operator aware of safety issues;
- handle the appliance, either packaged or unpackaged, in complete safety;
- deeply know the installation procedures, its correct operation and its limits;
- dismantle the appliance in complete safety, in accordance with the workers' health and environmental protection regulations in force.

**⚠ To prevent machining residues from coming into contact with the beverages, dispense about 0.5 l of water for each dispensing path before definitely starting the appliance. The dispensed beverages can be drunk only after performing this operation.**

 In case of failure or malfunctioning, please refer only to the qualified personnel of the technical service.

 The manufacturer is not liable for damage to persons or property resulting from failure to follow the safety instructions provided in this section.

 Maintenance technician

The maintenance technician is the only person authorised to service the machine, start the programming procedures and perform the adjustment, set up and maintenance operations.

 Access to the internal area is restricted to persons having knowledge and practical experience of the appliance, in particular as far as safety and hygiene are concerned.

### 3.3 Operator Requirements

Three operators with different skills are required in order to guarantee the appliance's safety:

 User

The user is not allowed to access the internal parts of the machine.

 Supply operator

Only the Maintenance Technician is in charge of refilling the machine with products, cleaning the outside of the appliance, turning it on and off.

 The Supply operator is not allowed to carry out operations indicated in this manual as competence of the Maintenance Technician.

## 4 HANDLING AND STORAGE

**⚠** All the operations described in this chapter must be performed exclusively by the service provider or a specialised technician, who shall organise all the operating steps and use only suitable means to ensure strict compliance with the safety regulations in force.

### 4.1 Unloading and Handling

Unloading from the transport vehicle and handling operations of the appliance must be carried out by qualified personnel only and using suitable equipment.

**⚠** The appliance must always be kept in upright position.

**🚫** Do not:

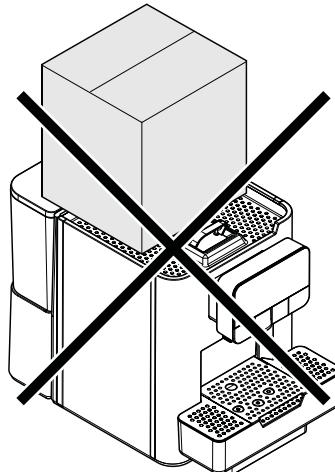
- drag the appliance;
- overturn or lay down the appliance during transport and handling;
- shake the appliance;
- lift the appliance by using ropes or cranes;
- leave the appliance exposed to bad weather, in humid areas or close to heat sources.

### 4.2 Storage

The machine is packed in cardboard and expanded polystyrene packaging.

If the appliance is not immediately installed, it shall be kept in a sheltered place according to the following instructions:

- the packaged appliance shall be stored in a closed, dry area at a temperature between 1°C and 40°C;
- maximum humidity below 90% (non-condensed);
- do not put other appliances or boxes on the appliance;
- in any case, it is good practice to protect the appliance from possible deposits of dust or other substances.



**⚠** Due to the total weight, do not stack more than three machines on top of each other. The machine should be stored in its original packaging, in a dry and/or dust-FREE place.

## 5 INSTALLATION

 All the operations described in this chapter must be performed exclusively by the service provider or a specialised technician, who shall organise all the operating steps and use only suitable means to ensure strict compliance with the safety regulations in force.

### 5.1 Cautions

 The appliance cannot be installed in external areas. Avoid placing it in areas where the temperature is lower than 2°C or higher than 32°C and in particularly humid or dusty places. It should neither be installed in places where water jets are used for cleaning operations nor where there is a risk of fire or explosion.

Make sure that the installation place is compatible with the following specifications, before unpacking the appliance:

- the power socket which the appliance is connected to should be easily accessible and at a distance not higher than 1.2 metres;
- the gradient of the supporting surface should NOT exceed 2°;
- the socket voltage must correspond to that indicated on the appliance data plate.

 The appliance must be installed on a horizontal surface.

**⚠** The supporting surface must be adequate to bear the machine weight and clean.

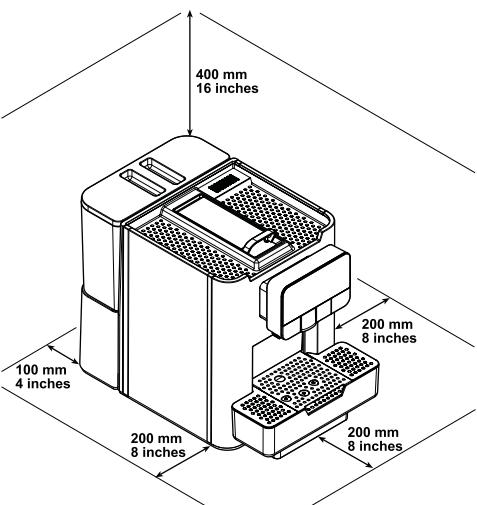
**⚠** Access to the machine and the plug should be kept clear at all times in order to allow users to easily reach them and to leave the area immediately if required.

**⚠** The presence of magnetic fields or proximity to electrical machines which generate interference could cause the electronic controls of the machine to malfunction. At temperatures close to 0°C, internal parts containing water are at risk of freezing. Do not use the machine under these conditions.

## 5.2 Unpacking and Positioning

The following illustration shows the required access distances:

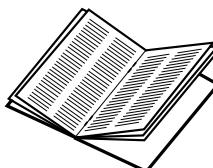
- to the keypad on the front of the appliance;
- to the service units in the event of malfunction.



On receipt of the appliance, make sure that it has not suffered any damage during transport or that the packaging has not been unduly opened with consequent stealing of the components contained in it. If damage of any kind is found, the courier must be informed and notice must be immediately given to the importer or to the seller. If these are not in the purchaser's country, please contact the manufacturing company directly.

### List of Standard Accessories

Manual: instructions on how to use the machine.



Power cord: to connect the machine to the mains.

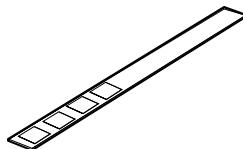


Silicone hose: once connected to the Cappuccinatore it allows to suck the milk from the container.



#### **List of Optional Accessories (not included)**

Water hardness test: quick test to determine the actual hardness of the water used to prepare beverages; this test is of fundamental importance to set the water hardness in the machine.



Descaling solution: to remove limescale build-up in the water circuit caused by normal use.



"AquaClean" filter: to remove any unpleasant flavours in the water and reduce water hardness. This will improve machine use.



"Intenza +" water filter: to remove any unpleasant flavours in the water and reduce water hardness. This will improve machine use.



### **5.3 Connection to the Electric Network**

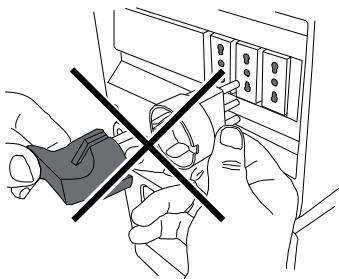
**⚠** This operation must only be performed by specialised technical personnel or by the service provider.

**⚠** The Maintenance Technician, who is in charge of the appliance's installation, shall make sure that:

- the power supply system complies with the safety instructions in force;
- the voltage corresponds to that indicated on the appliance data plate.

**⚠** In case of doubt, do not proceed with the installation and ask qualified and authorised personnel to accurately check the system.

 Do not use adapters or multi-sockets.



 Make sure that the power cord plug is easily reachable after installation.

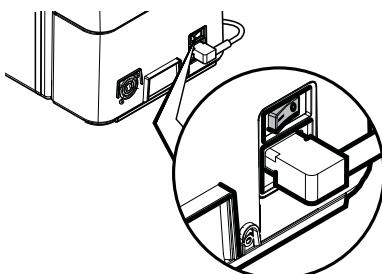
## 6 DESCRIPTION OF CONTROLS

### 6.1 Power button

It is located in the lower left part in the rear of the machine.

If set to the "I" position the machine turns on (electrical functions enabled).

If set to the "O" position the machine turns off (electrical functions disabled).



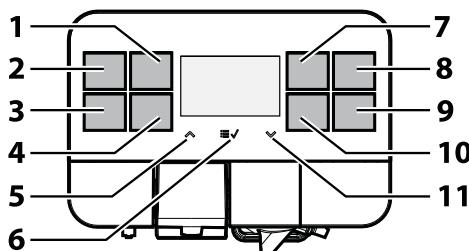
<b>1</b>	"Long Coffee" button
<b>2</b>	"Espresso" button
<b>3</b>	"Manual Brewing" button
<b>4</b>	"Hot Water" button
<b>5</b>	"Up" button
<b>6</b>	"MENU/OK" button
<b>7</b>	"Coffee with milk" button
<b>8</b>	"Cappuccino" button
<b>9</b>	"Latte Macchiato" button
<b>10</b>	"Milk" button
<b>11</b>	"Down" button

### 6.2 Display

The display shows the messages during normal operation and during the programming and maintenance phase.

### 6.3 Keypad

 The function of each button changes according to the change of the appliance phase (ordinary dispensing or programming phase).



### 6.4 Button Description during Normal Operation

#### "Long Coffee" button

When this button is pressed a long coffee is brewed.

#### "Espresso" button

When this button is pressed, an espresso coffee is brewed.

#### "Manual Brewing" button

When this button is pressed a coffee product is brewed and the user can decide the length of the product.

#### "Hot Water" button

Press this button to dispense hot water.

#### "Up" button

Press this button to scroll down the user menu options.

#### "MENU/OK" button

Press this button to access the user menu, which allows you to perform a few machine washing cycles (Cappuccinatore and brew group) and to access the maintenance menu. Once entered the menu, this button allows you to confirm the selected menu option.

#### "Coffee with milk" button

Press this button to brew a coffee with a dash of milk.

#### "Cappuccino" button

When this button is pressed, a cappuccino is brewed.

**"Latte Macchiato" button**

When this button is pressed, a Latte Macchiato is brewed.

**"Milk" button**

When this button is pressed, a cup of milk is dispensed.

**"Down" button**

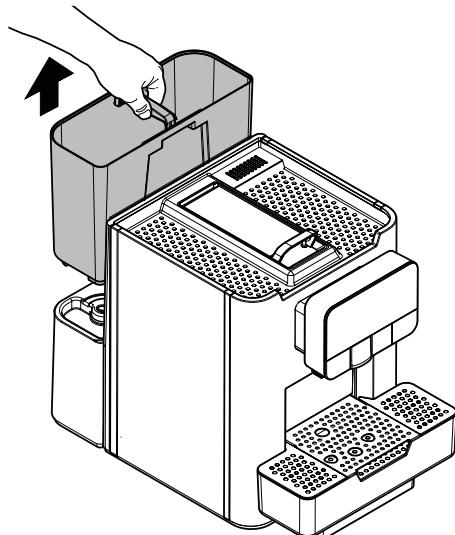
Press this button to scroll down the user menu options.

## 7 SUPPLY AND START UP

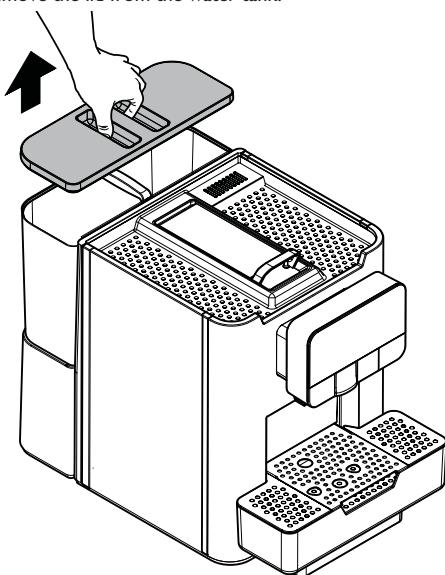
### 7.1 Filling the Water Tank

**⚠** Before using the machine for the first time, wash the water tank carefully. Fill the water tank with fresh drinking water only. Hot or carbonated water, as well as other liquids, will damage the machine.

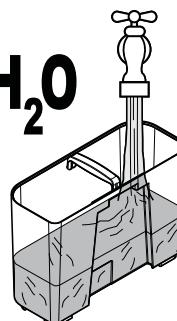
Remove the tank; lift it using the inside handle.



Remove the lid from the water tank.



Rinse and fill it with fresh water; do not exceed the level (MAX) indicated on the tank.



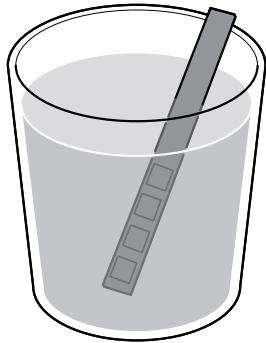
**👉** When filling the water tank, use sterile disposable gloves to prevent bacteriological contamination.

Insert the water tank back into its seat and refit the lid.

## 7.2

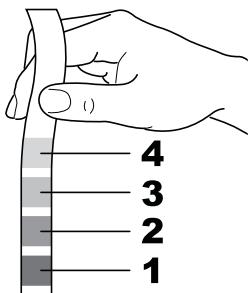
## Measuring and Adjusting Water Hardness

Measuring water hardness is very important in order to correctly manage the anti-scale filter and the frequency with which the machine must be descaled. Immerse the water hardness test strip (not included) in water for 1 second.



 the test strip is only valid for one measurement.

Check how many squares change colour and then consult the table.



The numbers correspond to the settings indicated in the following machine adjustments.

<b>1</b>	HARDNESS 1 (very soft)
<b>2</b>	HARDNESS 2 (soft)
<b>3</b>	HARDNESS 3 (medium)
<b>4</b>	HARDNESS 4 (hard)

Switch to machine programming mode as described in section "Access to the Technical Menu".

Scroll the menu until you reach the "Settings" option.

**SETTINGS**

Press the "OK" button to confirm.

Scroll the menu until you reach the "Water hardness" option.



**WATER  
HARDNESS**

Press the "OK" button to confirm.

 The machine is supplied with standard adjustments, suitable for most uses.

Press the "Up" button to increase the value or the "Down" button to decrease the value. Press the "OK" button to confirm the selected change.

After adjusting the water hardness, install the anti-scale filter as described in the following section.

## 7.3 AquaClean Filter

Water is a key element for a good espresso coffee. Therefore, it should always be filtered in a professional manner. The AquaClean filter is designed to reduce limescale build-up inside the coffee machine and to provide filtered water in order to preserve the coffee aroma and flavour in each cup. By using the series of 8 AquaClean filters as indicated in this user manual, you will not need to descale the machine for the next 5000 cups (with 100-ml capacity). This filter is easy to use and its sophisticated technology is effective in preventing limescale build-up. This way, water will always be perfect and will give a much more intense aroma to your espresso coffee.

 Measuring water hardness is very important in order to correctly manage the anti-scale filter and the frequency with which the machine must be descaled.

 We recommend to buy a new filter when its capacity drops to 10% and the filter icon starts blinking slowly. In this way you can replace the filter when its capacity drops at 0%.

 Descaling the machine before using the AquaClean filter.

 In case you did not activate the filter upon first use and you already prepared more than 50 cups (with 100-ml capacity), descale the machine before activating the filter.

 Replace the AquaClean filter as soon as its capacity drops to 0% and the filter icon blinks quickly. Replace the AquaClean filter at least each 3 months, even if the machine is yet to inform you that it needs to be replaced.

 The anti-scale filter should be replaced whenever indicated by the machine. Before descaling, remove the anti-scale filter from the water tank.

### 7.3.1 Preparing and Installing the AquaClean Filter

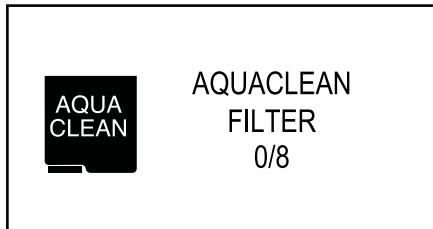
You can install the AquaClean filter when first installing the machine as part of the overall installation procedure. If you did not install the AquaClean filter upon first use, you can install it later by accessing the menu as described here below. Remove the AquaClean filter from its packaging. Shake it for about 5 seconds. Immerse the AquaClean filter upside down in a carafe full of cold water and wait for the air bubbles to come out.



Switch to machine programming mode as described in section "Access to the Maintenance Menu". Scroll the menu until you reach the "Water filters management" option.

## WATER FILTERS MANAGEMENT

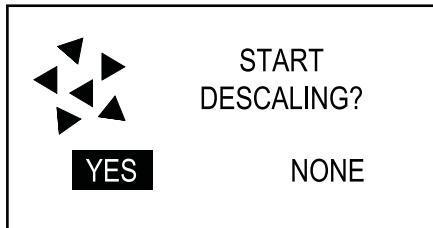
Press the "OK" button and scroll until you reach the "AquaClean" filter. The display shows the number of AquaClean filters previously installed, from 0 to 8.



Press the "OK" button to confirm. In case 5 litres of water have been dispensed since the last descaling cycle with no filters installed in the machine, or an AquaClean filter has been used up or the AquaClean filter is the eighth of its sequence, it is necessary to descale the machine and the following screen is displayed. Otherwise activate the filter as described below.



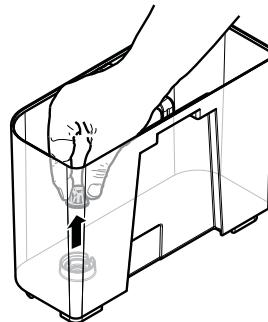
The following screen is displayed:



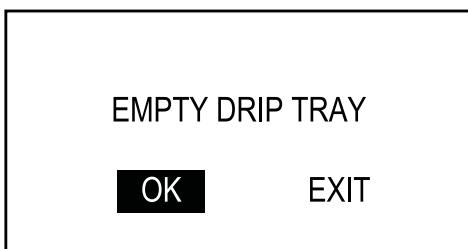
Select "YES" and press the "OK" button. The following screen is displayed:



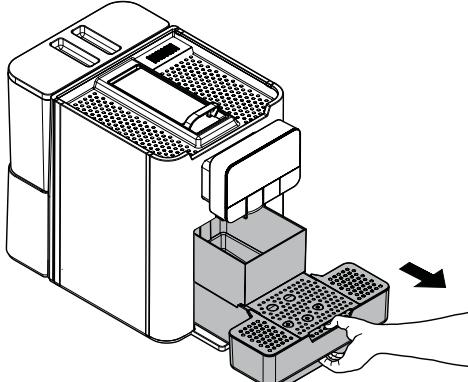
Remove the tank from the machine and empty it. Remove the small white filter from the tank and store it in a dry place sheltered from dust.



The following screen is displayed:



Remove and empty the drip tray.



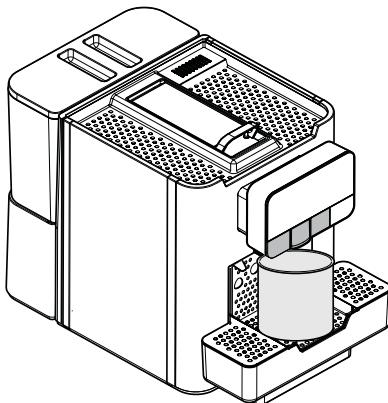
After emptying it put the drip tray back into place. The following screen is displayed:

<b>INSERT CAPPUCINATORE</b>	
<b>OK</b>	<b>EXIT</b>

Check that the Cappuccinatore is correctly positioned. Press the "OK" button. The following screen is displayed:

<b>PLACE A CONTAINER UNDER THE SPOUTS</b>	
<b>OK</b>	<b>EXIT</b>

Place a large container under the dispensing spouts (hot water, coffee and cappuccino).



The following screen is displayed:

<b>POUR DESCALER AND WATER INTO WATER TANK</b>	
<b>OK</b>	<b>EXIT</b>

Pour 250 ml of descaling solution and 750 ml of water into the water tank. The following screen is displayed:

<b>DESCALING PHASE 1/2</b>	
	
<b>PAUSE</b>	

The first descaling phase starts. When the solution in the tank is finished, the machine requests to empty and rinse the tank with fresh drinking water.

<b>RINSE WATER TANK AND FILL WITH FRESH WATER</b>	
<b>OK</b>	

Rinse the water tank thoroughly and fill it with fresh drinking water up to the MAX level. Press the "OK" button. The following screen is displayed:

<b>EMPTY DRIP TRAY</b>	
<b>OK</b>	

Remove the drip tray. After emptying it put the drip tray back into place. Press the "OK" button. The following screen is displayed:

<b>INSERT CAPPUCINATORE</b>	
<b>OK</b>	

Check that the Cappuccinatore is correctly positioned. Press the "OK" button. The following screen is displayed:

PLACE A CONTAINER  
UNDER THE SPOUTS

OK

Place a large container under the dispensing spouts (hot water, coffee and cappuccino). Press the "OK" button. The following screen is displayed:

DESCALING  
PHASE 2/2

PAUSE

Once the operation is complete the following screen is displayed:

DESCALING COMPLETED

PRESS A BUTTON

The following screen is displayed:

In case machine descaling is not necessary or when replacing one of the 8 filters, the activation procedure starts from this point.

ACTIVATE FILTER?

AQUACLEAN

BRITA

NONE



Select "AquaClean" and press the "OK" button. The following screen is displayed:

ACTIVATE  
AQUACLEAN FILTER?

YES

NONE

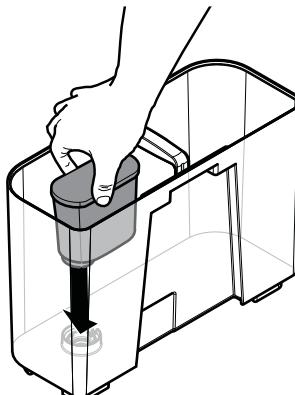
Select "YES" and press the "OK" button. The following screen is displayed:

INSERT FILTER  
FILL WATER TANK

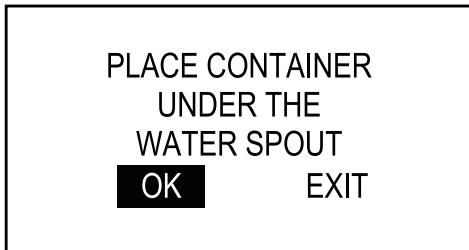
OK

EXIT

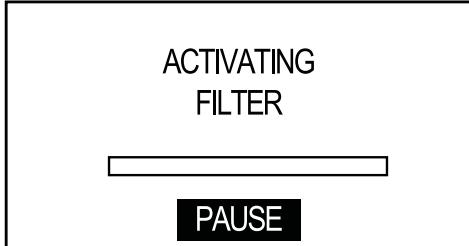
Put the filter into the empty tank. Press it to its limit stop.



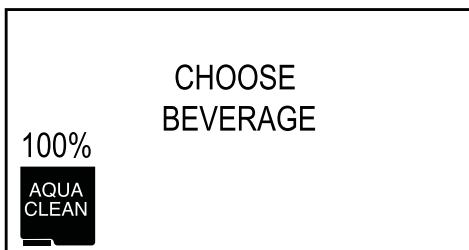
Fill the water tank again up to the MAX level with fresh drinking water. The following screen is displayed:



Place a container under the hot water dispensing spout. The filter activates. The following screen is displayed:



Press the "OK" button to pause the operation. Once the operation is complete the machine exits the menu. Fill the water tank again up to the MAX level with fresh drinking water. The 100% AquaClean icon appears on the machine-ready screen to indicate that the filter has been installed.



### 7.3.2 Replacing the AquaClean Filter

 Replace the AquaClean filter as soon as its capacity drops to 0% and the filter icon blinks quickly.



Replace the AquaClean filter at least each 3 months, even if the machine is yet to inform you that it needs to be replaced.

Remove the AquaClean filter. Follow the steps described under "Preparing and Installing the AquaClean Filter". The operations relating to the descaling phase are not requested. You just need to replace the filter and activate the new one. The display automatically updates the number of filters used. Fill the water tank again up to the MAX level with fresh drinking water.

#### Replacing the Filter after Using 8 Filters

Remove the AquaClean filter. Follow the steps described under "Preparing and Installing the AquaClean Filter". All operations relating to the descaling phase are requested as well. The display automatically updates the number of filters used. Fill the water tank again up to the MAX level with fresh drinking water.

### 7.3.3 Removing the "AquaClean" Filter

If the filter is installed in the machine and you want to remove it, follow the steps below.

Remove the AquaClean filter. Descale the machine as described in section "Descaling". You do not need to remove the small white filter, since it was removed previously. Once descaled, the machine requests to press a button.



Once the button is pressed the following screen is displayed:



Select "NONE" and press the "OK" button. Exit the programming mode.

Put the small white filter back into place. Fill the water tank again up to the MAX level with fresh drinking water.

## 7.4 "INTENZA+" Water Filter

Water is a key element for a good espresso coffee. Therefore, it should always be filtered in a professional manner. That is why all machines can be equipped with the INTENZA+ filter. This filter is easy to use and its sophisticated technology is effective in preventing limscale build-up. This way, water will always be perfect and will give a much more intense aroma to your espresso coffee.

 Measuring water hardness is very important in order to correctly manage the "INTENZA+" water filter and the frequency with which the machine must be descaled.

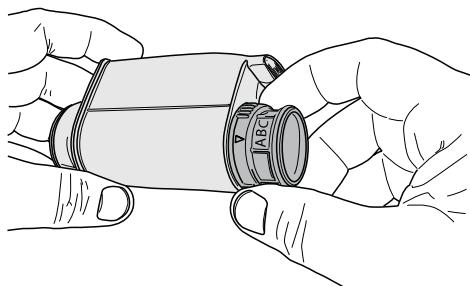
 The anti-scale filter should be replaced whenever indicated by the machine.



Before descaling, remove the anti-scale filter from the water tank.

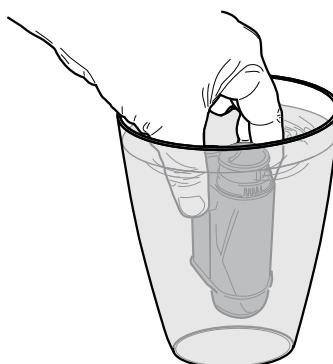
Remove the "INTENZA+" water filter from its packaging. The filter should be set according to the measurements performed to set water hardness.

Use the water hardness test strip (not provided with the machine). Set the "Intenza Aroma System" as specified on the filter package (see section "Measuring and Adjusting Water Hardness").

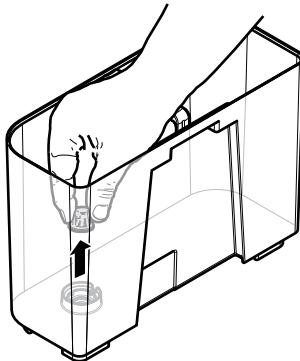


<b>A</b>	Soft water
<b>B</b>	Hard water (standard)
<b>C</b>	Very hard water

Immerse the "INTENZA+" water filter vertically in cold water (with the opening positioned upwards) and gently press its sides to let the air bubbles out.



Remove the tank from the machine and empty it.  
Remove the small white filter from the tank and store it in a dry place sheltered from dust.



Switch to machine programming mode as described in section "Access to the Maintenance Menu". Scroll the menu until you reach the "Water filters management" option.

WATER FILTERS  
MANAGEMENT

Press the "OK" button and scroll until you reach the "Brita" filter.

BRITA  
FILTER

Press the "OK" button. The following screen is displayed:

OFF  
ON  
EXIT



Press the "Down" button to select "ON" and press the "OK" button to confirm. The following screen is displayed:

ACTIVATE  
BRITA FILTER?

YES

NONE

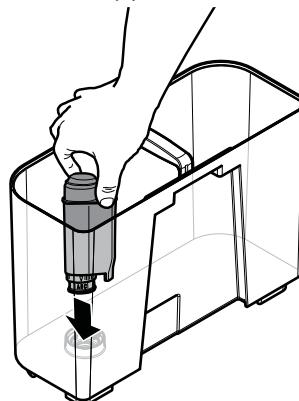
Select "YES" and press the "OK" button. The following screen is displayed:

INSERT FILTER  
FILL WATER TANK

OK

EXIT

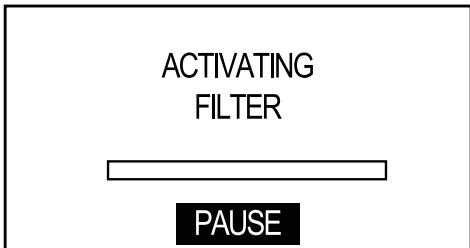
Put the filter into the empty tank. Press it to its limit stop.



Fill the tank with fresh drinking water and reinsert it into the machine. The following screen is displayed:

PLACE CONTAINER  
UNDER THE  
WATER SPOUT  
OK  
EXIT

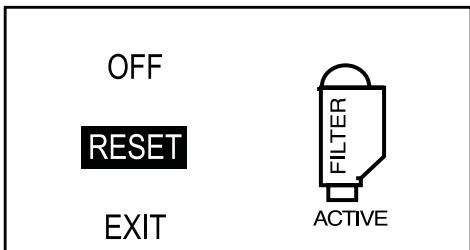
Place a container under the hot water dispensing spout. The following screen is displayed:



Press the "OK" button to activate the filter. Press the "Double Espresso" button again to pause the operation. Once the operation is complete the machine exits the "Water filters management" menu. To exit, scroll the menu using the "Up" or "Down" buttons until option "Exit". Fill the water tank again up to the MAX level with fresh drinking water.

#### 7.4.1 Replacing the "Intenza+" Water Filter

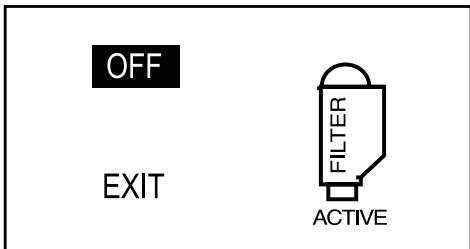
If the filter is already installed and the machine indicates that it must be replaced, proceed as previously described. When accessing the programming page, the "RESET" option will also be available.



Select this option to reset the alarm.

#### 7.4.2 Removing the "Intenza+" Water Filter

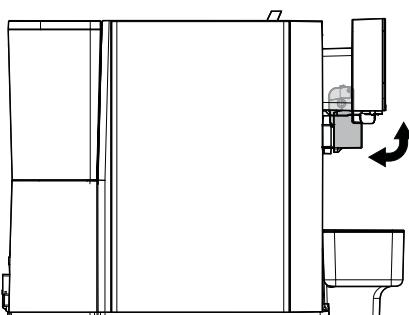
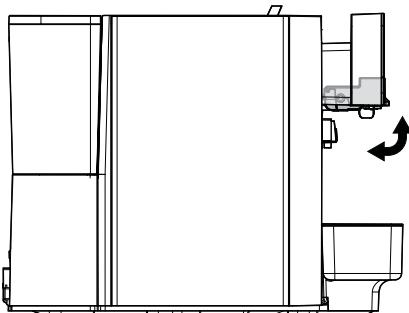
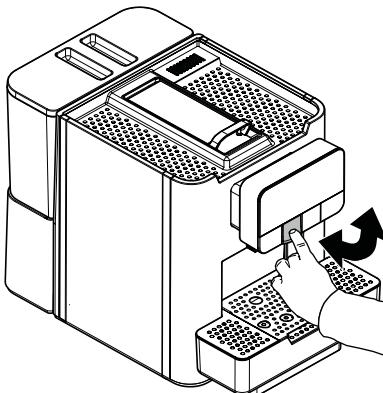
If the filter is installed in the machine and you want to remove it, access the programming page and select the "OFF" option.



It is important to reinstall the small white filter that was previously removed while installing the "INTENZA+" water filter.

#### 7.5 Adjusting the Coffee Dispensing Spout

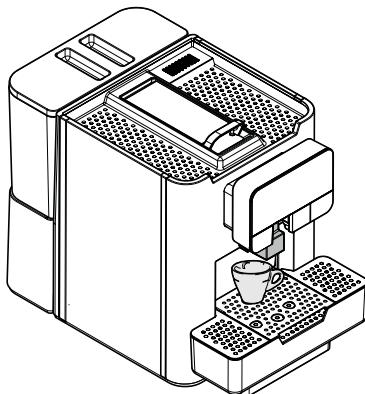
Most of the cups available on the market can be used with this coffee machine. The height of the dispensing spout can be adjusted to better fit the dimensions of the cups that you wish to use.



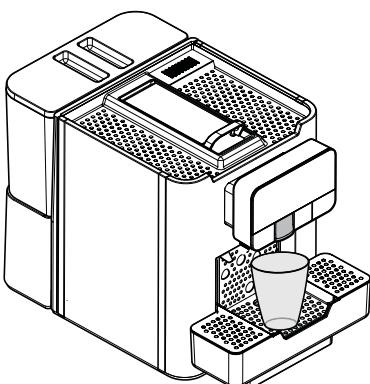
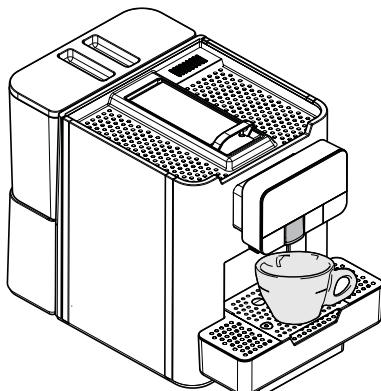
Manually move the dispensing spout up or down to adjust its height. Lift or lower the central grill.

The recommended positions are:

- When using small cups.



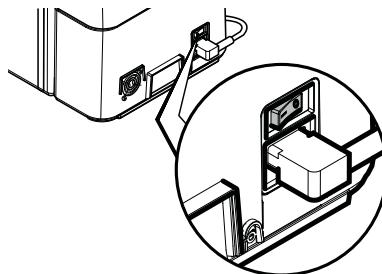
- When using large cups and/or Latte Macchiato cups.



## 7.6

## Turning on/off the Machine

The machine can be turned on/off by pressing the button located to the rear of the machine.



## 7.7

## First Use - Use after a Long Period of Inactivity

Refill the machine. Fill the water tank (see section "Filling the Water Tank"). Connect the plug of the appliance to the mains (see section "Connection to the Electric Network").

For a perfect Espresso: rinse the coffee circuit if using the machine for the first time or after a long period of inactivity.

Upon the first start up brew at least 0.5 litres of water with no capsules. Open and close the capsule loading tray and press the "Long Coffee" button - with no capsule inserted - to start brewing. Repeat the procedure until the specified quantity is reached.

Do not leave water inside the tank for more than 3 days. Do not leave water in the circuit for more than 3 days or, in case this happens, dispense water (with no capsules) before brewing coffee.

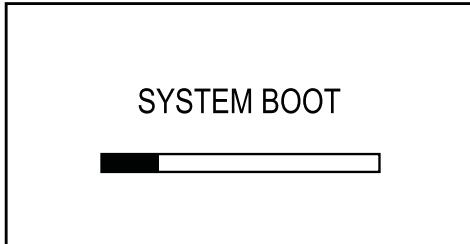
These simple operations will allow you to always brew excellent coffee.

They have to be performed:

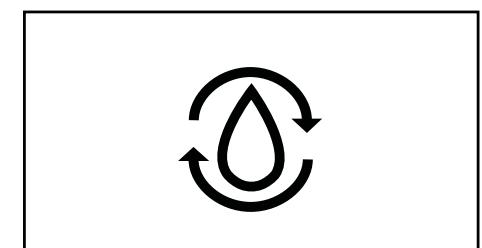
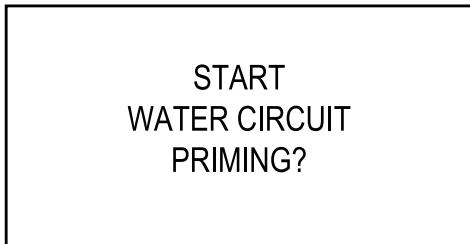
- at first start-up;
- when the machine remains inactive for a long time (more than 2 weeks).

## 7.7.1 At First Start-up

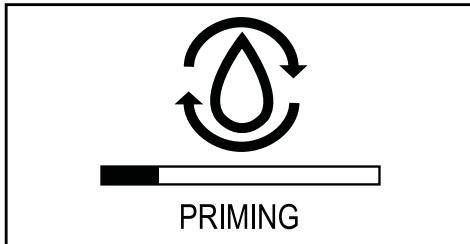
Press the power button on the back of the machine to turn it on. The control panel display shows the wording "SYSTEM BOOT". Then you are requested to press a button.



Once you have pressed a button the control panel display shows the wording "Start water circuit priming?". The "Espresso" button is steady on.



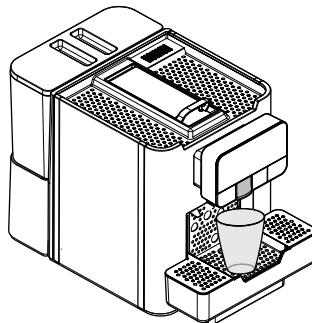
Press the espresso button and the machine starts priming the circuit. The following screen is displayed:



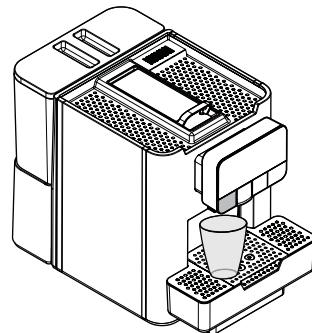
It will then carry out the warm-up and rinse cycle as described in section "Warm-up and Rinsing".

## 7.7.2 After a Period of Inactivity

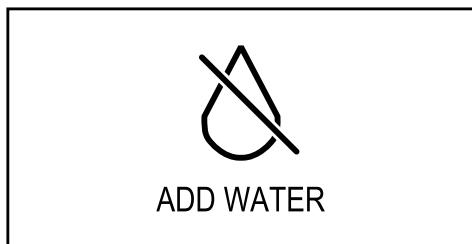
Empty the water tank, wash and rinse it and fill it with fresh water (see section "Filling the Water Tank"). Place a large container under the coffee dispensing spout.



Open and close the capsule loading tray and press the "Long Coffee" button - with no capsule inserted - to start brewing. The machine starts brewing coffee from the dispensing spout. Wait until brewing has been completed and empty the container. Repeat the brewing cycles 3 times, opening and closing the capsule loading tray each time. Place a container under the hot water dispensing spout.



Press the "Hot Water" button. The machine starts dispensing hot water. Then it stops automatically. Continue dispensing water until the no water icon is displayed.



When the hot water dispensing procedure has been completed, empty the container. Fill the water tank again up to the MAX level. The machine is now ready for use.

## 7.8      **Washing the Parts coming into Contact with Food**

Rinse all the parts coming into contact with food.

- Thoroughly wash your hands.
- Prepare a chlorine-based, antibacterial disinfecting solution (the products can be purchased at the chemist's) following the concentrations indicated on the product.
- Remove all product containers from the appliance.
- Remove the container lids and product chutes.
- Immerse all these parts in the previously prepared solution.

## 7.9      **Using the Appliance**

 Before using the machine, read this manual carefully and make sure users are familiar with the machine.

 After the machine has not been used for a certain time, it is recommended to read section “First Use - Use after a Long Period of Inactivity” again, before using the module again.

The beverage selection modes are indicated in chapter “Operation and Use”.

## 8 PROGRAMMING MENU

 This chapter contains instructions on how to set and change the programming parameters of the appliance.

 Therefore it is necessary to carefully read it and to understand the exact sequence of operations before performing them.

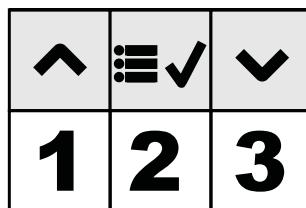
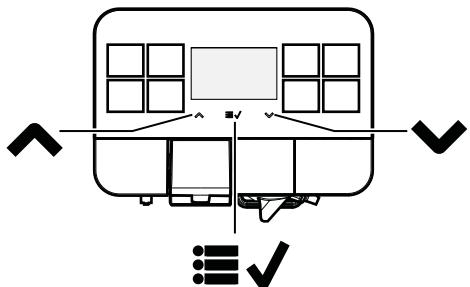
 All the operations described in this chapter must be performed exclusively by the service provider or a specialised technician, who shall organise all the operating steps and use only suitable means to ensure strict compliance with the safety regulations in force.

The specialised technician or the service provider can change some of the machine operating parameters to suit the needs of the users.

### 8.1

#### Button Description in Programming Mode

Use the buttons described below to scroll the appliance menus.



##### Button 1: Up

This button allows the parameters to be changed when they are displayed.  
(+) increases the value

##### Button 2: OK

It allows to confirm the parameter/value after changing it.

##### Button 3: Down

This button allows the parameters to be changed when they are displayed.  
(-) decreases the value

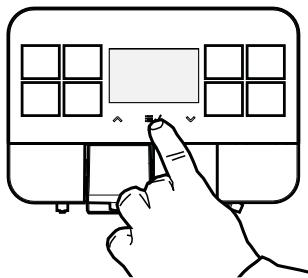
## 8.2 User Programming

The structure of the user menu is indicated in section "Structure of the User Menu".

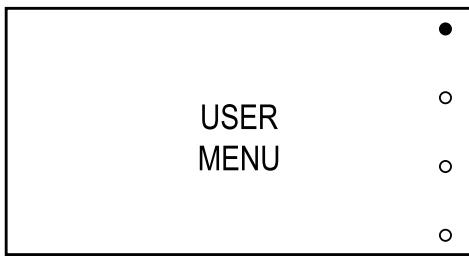
Section "Description of Messages in the User Menu" describes all options in the user menu.

## 8.2.1 Access to the User Menu

When the machine is “ready for use”, access the main menu by pressing the “OK” button.



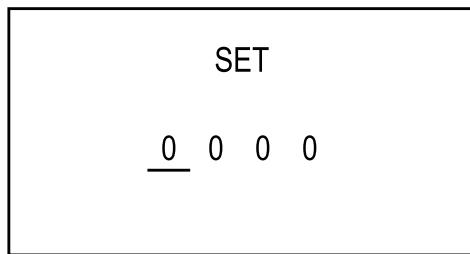
The following screen is displayed:



Select the “USER MENU” option and press the “OK” button.

**⚠** The menus should be PASSWORD-protected.

**⚠** The PASSWORD will not be requested if set on the default value (0000). It should be changed upon first use to prevent unauthorised access. After this change, the password must be entered each time the display shows:



**⚠** In case you do not enter the password within 4 seconds the machine goes back to the previous screen.

Refer to section “Password Setting” to set the PASSWORD; this section describes how to set it.

 If the PASSWORD is forgotten, you can reset it by entering a PUK code. You have to request the PUK code to the Saeco service centre, who will guide you through the procedure.

### 8.2.2 Structure of the User Menu

The main options of the user menu are:

MENU ITEM
CLEAN BREWING UNIT
Clean Cappuccinatore
Cappuccinatore Light Clean
Cappuccinatore Complete Clean
Exit
Back to Main Screen

### 8.2.3 Description of Messages in the User Menu

MENU ITEM	Description
CLEAN BREWING UNIT	This function allows the user to wash the brew group using hot water
CLEAN CAPPUCINATORE	This function allows the user to wash the Cappuccinatore using hot water
Cappuccinatore Light Clean	This function allows to wash the Cappuccinatore using hot water passing through the frothing device system
Cappuccinatore Complete Clean	This function allows to wash the Cappuccinatore, the milk suction tube and the brew group. Immerse the milk suction hose in clean water for this function.
Exit Back to Main Screen	This function takes you back to the main menu Through this function the machine goes back to the "ready for use" mode

**8.3****Maintenance Programming**

The structure of the maintenance menu is indicated in section "Structure of the Maintenance Menu".

The section "Description of Messages in the Maintenance Menu" describes all the options in the maintenance menu.

### **8.3.1 Access to the Maintenance Menu**

Proceed as follows to access the machine maintenance menu.

- Press the "OK" button to access the main menu.
- Scroll the main menu until you reach the "Service Menu" option.
- Press the "OK" button.
- Enter the password "1234"

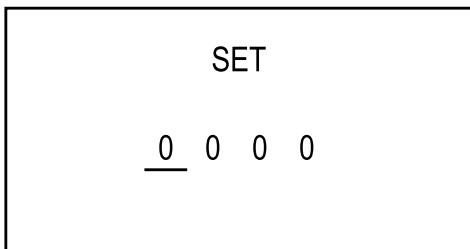
 The above mentioned procedure can only be used to access the maintenance menu when the machine has reached operating temperature;

 The menus should be PASSWORD-protected.

 The PASSWORD will not be requested if set on the default value (0000). It should be changed upon first use to prevent unauthorised access.



After this change, the password must be entered each time the display shows:



In case you do not enter the password within 4 seconds the machine goes back to the previous screen.

Refer to section "Password Setting" to set the PASSWORD; this section describes how to set it.



If the PASSWORD is forgotten, you can reset it by entering a PUK code. You have to request the PUK code to the Saeco service centre, who will guide you through the procedure.

## 8.3.2 Structure of the Maintenance Menu

This menu allows you to manage certain machine operation parameters.

The main options of the maintenance menu are:

MENU ITEM
Statistics
Product Counters
Product Quantities
Descale counters
Warning Active
Descales Executed
Tot Desc Refused
Last Desc Refused
(LT) Since Last Desc
Tot Brewed (LT)
Brewed Water (CC)
Brewed Steam Pulses
Pulses To Desc
Exit
Rinsing Counters
Tot BU Rinses
Brews since Last
Total Cappucc Cleans
Brews since Last
Exit
Exit
Coffee temperature
Request clean Cappuccinatore
Descaling cycle
Remove water filter
Empty Drip Tray
Insert Cappuccinatore
Place a Container Under the Spouts
Pour Descaler and Water into Water Tank
Water filters management
Brita Filter
Descale Before Activating Filter
Activate Brita Filter?
Insert Filter Fill Water Tank
Place Container Under the Water Spout
AquaClean Filter
Turn off and Remove Brita to Enable Aquaclean
Descale Before Activating Filter
Filter already Activated
Activate Aquaclean Filter?
Insert Filter Fill Water Tank
Place Container Under the Water Spout
Exit
Errors management
Errors list
Reset errors
Exit
Exit
Back to Main Screen

### 8.3.3 Description of Messages in the Maintenance Menu

MENU ITEM	Description
Statistics	<p>This function allows the user to view:</p> <ul style="list-style-type: none"> <li>- Product Counters</li> <li>- Product Quantities</li> <li>- Descale counters</li> <li>- Rinsing Counters</li> </ul>
Product Counters	Through this function the user can view the number of products brewed by the machine, distinguished according to the beverage type
Product Quantities	<p>Through this function the user can view the doses of product, which are stored according to the beverage type.</p> <p>The dose is indicative of the quantity of water processed by the turbine and does not indicate the dose dispensed from the dispensing spout</p>
Descale counters	<p>This function allows the user to view counters and warnings relating to descaling:</p> <ul style="list-style-type: none"> <li>- Warning Active</li> <li>- Descales Executed</li> <li>- Tot Desc Refused</li> <li>- Last Desc Refused</li> <li>- (LT) Since Last Desc</li> <li>- Tot Brewed (LT)</li> <li>- Brewed Water (CC)</li> <li>- Brewed Steam Pulses</li> <li>- Pulses To Desc</li> </ul>
Warning Active	Indicates that the function informing that it is necessary to perform the descaling cycle is active
Descales Executed	Indicates the total number of descaling cycles performed by the machine
Tot Desc Refused	Indicates the total number of descaling cycles refused by the user when the machine is running
Last Desc Refused	Indicates the total number of descaling cycles refused by the user since when the warning has been
(LT) Since Last Desc	Indicates the number of litres processed since the last descaling cycle
Tot Brewed (LT)	Indicates the number of litres processed since when the machine started running
Brewed Water (CC)	Indicates the number of litres processed while dispensing water: capsule products and hot water, washing cycles
Brewed Steam Pulses	Indicates the number of litres processed while dispensing milk products and of complete washing cycles of the Cappuccinatore
Pulses To Desc	Indicates the number of pulses remaining before the next descaling cycle
Exit	Through this option the user can go back to the menu top level
Rinsing Counters	<p>Through this function the user can view the counters relating to the brew group and Cappuccinatore washing cycles performed:</p> <ul style="list-style-type: none"> <li>- Tot BU Rinses</li> <li>- Brews since Last</li> <li>- Total Cappucc Cleans</li> <li>- Brews since Last</li> </ul>
Tot BU Rinses	Indicates the number of brew group washing cycles performed
Brews since Last	Indicates the number of coffee products brewed since the last washing cycle of the BU
Total Cappucc Cleans	Indicates the number of Cappuccinatore washing cycles performed
Brews since Last	Indicates the number of milk products dispensed since the last Cappuccinatore washing cycle
Exit	Through this option the user can go back to the menu top level
Exit	Through this option the user can go back to the menu top level

MENU ITEM	Description
Coffee temperature	<p>This function allows you to adjust the capsule product temperature (excluded instant products):</p> <ul style="list-style-type: none"> <li>- MAX</li> <li>- MED</li> <li>- MIN</li> </ul> <p>Press the OK button on the EXIT option to go back to the top level</p>
Request clean Cappuccinatore	<p>Through this function you can enable the request for the Cappuccinatore cleaning cycle at the end of each milk product dispensing</p> <ul style="list-style-type: none"> <li>- OFF:</li> <li>The function is disabled</li> <li>- ON:</li> <li>The function is enabled: after dispensing each milk product the machine will prompt the user to perform a Cappuccinatore washing cycle.</li> </ul> <p>In case you ignore this warning the request will disappear after 5 seconds</p> <p>Press the OK button on the EXIT option to go back to the top level</p>
Descaling cycle	<p>This function allows you to run the descaling cycle.</p>
Remove water filter	<p>A preliminary instruction is provided when starting descaling</p> <ul style="list-style-type: none"> <li>- OK:</li> <li>go to the next step</li> <li>- EXIT:</li> <li>descaling cancelled; go back to the menu top level</li> </ul>
Empty Drip Tray	<p>A preliminary instruction is provided when starting descaling</p> <ul style="list-style-type: none"> <li>- OK:</li> <li>go to the next step</li> <li>- EXIT:</li> <li>descaling cancelled; go back to the menu top level</li> </ul>
Insert Cappuccinatore	<p>A preliminary instruction is provided when starting descaling</p> <ul style="list-style-type: none"> <li>- OK:</li> <li>go to the next step</li> <li>- EXIT:</li> <li>descaling cancelled; go back to the menu top level</li> </ul> <p>Warning: in case the Cappuccinatore is not properly installed, it will not be possible to proceed with the next step</p>
Place a Container Under the Spouts	<p>A preliminary instruction is provided when starting descaling</p> <ul style="list-style-type: none"> <li>- OK:</li> <li>go to the next step</li> <li>- EXIT:</li> <li>descaling cancelled; go back to the menu top level</li> </ul>
Pour Descaler and Water into Water Tank	<p>A preliminary instruction is provided when starting descaling</p> <ul style="list-style-type: none"> <li>- OK:</li> <li>descaling start</li> <li>- EXIT:</li> <li>descaling cancelled; go back to the menu top level</li> </ul> <p>Warning: in case there is no water in the tank, it will not be possible to proceed with the next step</p>
Water filters management	<p>This function allows you to manage the water filters:</p> <ul style="list-style-type: none"> <li>- Brita Filter</li> <li>- Aquaclean Filter</li> </ul>

MENU ITEM	Description
Brita Filter	<p>This function allows you to manage installation and maintenance of the Brita filter. Available options depend on the presence of an already installed filter.</p> <p>In case the Brita or Aquaclean filters are installed:</p> <ul style="list-style-type: none"> <li>- OFF: keeps the Brita filter status unchanged</li> <li>- ON: allows to start the activation procedure of the Brita filter and goes to the "Activate Brita Filter?" screen</li> <li>- EXIT: goes back to the "Brita Filter" screen</li> </ul> <p>In case a Brita filter is already active and has not been used up:</p> <ul style="list-style-type: none"> <li>- OFF: allows to deactivate the Brita filter</li> <li>- EXIT: goes back to the "Brita Filter" screen</li> </ul> <p>In case a Brita filter is already active but has been used up:</p> <ul style="list-style-type: none"> <li>- OFF: allows to deactivate the Brita filter</li> <li>- RESET: allows to install a new Brita filter and goes to the "Activate Brita Filter?" screen</li> <li>- EXIT: goes back to the "Brita Filter" screen</li> </ul> <p>In case an AquaClean filter is already active, the screen "Descale Before Activating Filter" is shown</p>
Descale Before Activating Filter	This screen is shown for 3 seconds and then it automatically goes to the "Brita Filter" page
Activate Brita Filter?	Confirmation to proceed is requested with the activation of the Brita filter: <ul style="list-style-type: none"> <li>- YES: the filter activation procedure starts</li> <li>- None: goes back to the "Water Filters Management" page</li> </ul>
Insert Filter Fill Water Tank	A preliminary instruction is provided when activating the filter: <ul style="list-style-type: none"> <li>- OK: go to the next step</li> <li>- EXIT: goes back to the "Water Filters Management" page</li> </ul>
Place Container Under the Water Spout	A preliminary instruction is provided when activating the filter: <ul style="list-style-type: none"> <li>- OK: filter activation start</li> <li>- EXIT: goes back to the "Water Filters Management" page</li> </ul>

MENU ITEM	Description
AquaClean Filter	<p>This function allows you to manage installation and maintenance of the AquaClean filter. Available options depend on the presence of an already installed filter.</p> <p>In case a Brita filter is already active, the screen "Turn off and Remove Brita to Enable AquaClean" is shown</p> <p>In case no filter is active - and you have not dispensed more than 5 litres since the last descaling - the screen "Activate AquaClean Filter?" is shown</p> <p>The screen "Descale Before Activating Filter" is shown in the following cases:</p> <ul style="list-style-type: none"> <li>- No filter is active, but more than 5 litres have been dispensed since the last descaling cycle;</li> <li>- An AquaClean filter is already active, but has been used up;</li> <li>- An AquaClean filter is already active, but it is the eighth of eight filters</li> </ul> <p>In case there is an active AquaClean filter - and you have not dispensed 1 litre of water since its activation - the screen "Filter Already Activated" is shown</p>
Turn off and Remove Brita to Enable Aquaclean	This screen is shown for 3 seconds and then it automatically goes to the "AquaClean Filter" page
Descale Before Activating Filter	<p>This screen allows to activate the descaling cycle. Once this cycle is complete, all filters are restored to the deactivation initial status</p> <ul style="list-style-type: none"> <li>- OK: the preparatory steps for starting the descaling phase are shown</li> <li>- EXIT: goes back to the "Water Filters Management" page</li> </ul>
Filter already Activated	This screen is displayed until the user selects OK
Activate Aquaclean Filter?	<p>Confirmation to proceed is requested with the activation of the AquaClean filter:</p> <ul style="list-style-type: none"> <li>- YES: the filter activation procedure starts</li> <li>- None: goes back to the "Water Filters Management" page</li> </ul>
Insert Filter Fill Water Tank	<p>A preliminary instruction is provided when activating the filter:</p> <ul style="list-style-type: none"> <li>- OK: go to the next step</li> <li>- EXIT: goes back to the "Water Filters Management" page</li> </ul>
Place Container Under the Water Spout	<p>A preliminary instruction is provided when activating the filter:</p> <ul style="list-style-type: none"> <li>- OK: filter activation start</li> <li>- EXIT: goes back to the "Water Filters Management" page</li> </ul>
Exit	Through this option the user can go back to the menu top level
Errors management	<p>This function allows you to manage and view the machine errors:</p> <ul style="list-style-type: none"> <li>- Errors list</li> <li>- Reset Errors</li> </ul> <p>Press the OK button on the EXIT option to go back to the top level</p>
Errors list	<p>This function allows you to view the machine errors: - Error code: displays the number code relating to the error occurred</p> <ul style="list-style-type: none"> <li>- Error index: displays the position of the error in a circular list of 20 positions. Each error is ordered based on the time it occurred (the most recent on top, the oldest below)</li> <li>- Error text: text description of the type of error</li> </ul>
Reset errors	This function resets the error list
Exit	Through this option the user can go back to the menu top level
Exit	This function takes you back to the main menu

MENU ITEM	Description
Back to Main Screen	Through this function the machine goes back to the "ready for use" mode

## 8.4 Technical Programming

The structure of the programming menu is indicated in section "Structure of the Programming Menu". The section "Description of Messages in the Programming Menu" describes all the items in the programming menu.

### 8.4.1 Access to the Technical Menu

Proceed as follows to access programming mode.

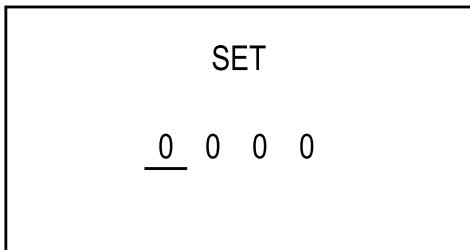
- Press the "OK" button to access the main menu.
- Scroll the main menu until you reach the "Tech Menu" option.
- Press the "OK" button.
- Enter the password "5678"

 The above mentioned procedure can only be used to access the programming menu when the machine has reached operating temperature.

 The menus should be PASSWORD-protected.

 After this change, the password must be entered each time the display shows:

 The PASSWORD will not be requested if set on the default value (0000). It should be changed upon first use to prevent unauthorised access.



 In case you do not enter the password within 4 seconds the machine goes back to the previous screen.

Refer to section "Password Setting" to set the PASSWORD; this section describes how to set it.

 If the PASSWORD is forgotten, you can reset it by entering a PUK code. You have to request the PUK code to the Saeco service centre, who will guide you through the procedure.

## 8.4.2 Structure of the Technical Menu

This menu allows you to manage certain machine operation parameters.

The main items of the programming menu are:

MENU ITEM	
Machine Data	
Memo Doses	
Settings	
Recipes management	
Coffee Temperature Range	
Prebrewing	*
Language	
Stop Brewing Out of Credits	
High Speed Milk	
Power-on BU rinsing request	
WATER HARDNESS	
Descale Warning	
Display contrast	
Capsules warning	
Exit	
Maximum Pressure	*
CREDIT MANAGEMENT	
Set Credits Alarm Threshold	
Set Credits	
Confirm Set Credits	
Exit	
Stand-by Time	
Safety	
Technical Menu Password	
Set	
Confirm Password	
Disable	
Change	
Service Menu Password	
Set	
Confirm Password	
Disable	
Change	
User Menu Password	
Set	
Confirm Password	
Disable	
Change	
Exit	
Restore Factory Settings	
Reboot and Update from SerProg	
Exit	
Back to Main Screen	

\* visible on LAVAZZA BLUE models only

## 8.4.3 Description of Messages in the Technical Menu

MENU ITEM	Description
Machine Data	<p>Through this function you can view:</p> <ul style="list-style-type: none"> <li>- Machine Model</li> <li>- Voltage and Network Frequency</li> <li>- Version of the Firmware installed on the CPU</li> </ul> <p>Press the OK button on the EXIT option to go back to the top level</p>
Memo Doses	<p>This feature allows you to access the functions for setting the dose for each product. select the desired product and press the OK button to start dispensing it. Once the desired dose has been reached, press the OK button again to confirm the operation</p> <p>Press the OK button on the EXIT option to go back to the top level</p>
Settings	<p>This function allows to access certain machine configuration parameters</p>
Recipes management	<p>This function allows the user to individually enable or disable all recipes indicated with an icon on the keypad.</p> <p>By pressing the OK button the enabled recipes are signalled by the corresponding LED light turning on on the keypad.</p> <p>The user can enable or disable the recipe by pressing the single buttons.</p> <p>The operation is confirmed by the LED light turning on or off, respectively.</p> <p>Press the OK button on the EXIT option to go back to the top level</p>
Coffee Temperature Range	<p>This function allows you to select the temperature range within which the beverages with capsule must be brewed (excluded instant products):</p> <p>--&gt; -2: 2°C less than the default temperature</p> <p>--&gt; 0: default temperature</p> <p>--&gt;+2: 2°C more than the default temperature</p> <p>Press the OK button on the EXIT option to go back to the top level</p>
Prebrewing	<p>Pre-brewing entails soaking the coffee tablet before brewing, in order to bring out the full aroma.</p> <ul style="list-style-type: none"> <li>- None: pre-brewing disabled</li> <li>- Brief: 1 sec. pre-brewing</li> <li>- Medium: 2.5 sec. pre-brewing</li> <li>- Long: 3 sec. pre-brewing</li> </ul> <p>Press the OK button on the EXIT option to go back to the top level</p>

MENU ITEM	Description
Language	<p>This option allows the user to select the desired language among:</p> <ul style="list-style-type: none"> <li>- ITALIAN</li> <li>- ENGLISH</li> <li>- GERMAN</li> <li>- FRENCH</li> <li>- SPANISH</li> <li>- PORTUGUESE</li> <li>- POLISH</li> <li>- RUSSIAN</li> <li>- SLOVENIAN</li> </ul> <p>Press the OK button on the EXIT option to go back to the top level</p>
Stop Brewing Out of Credits	<p>This function allows the user to adjust machine operation when the credits have been used up.</p> <ul style="list-style-type: none"> <li>- OFF: the user can dispense products even when there are no more credits</li> <li>- ON: the user cannot dispense products if there are no more credits.</li> </ul> <p>The products cannot be selected</p> <p>Press the OK button on the EXIT option to go back to the top level</p>
High Speed Milk	<p>This function allows the user to dispense mixed products (milk and coffee) quicker, by simultaneously enabling the milk and coffee preparation:</p> <ul style="list-style-type: none"> <li>- OFF function not enabled</li> <li>- ON: function enabled</li> </ul> <p>Press the OK button on the EXIT option to go back to the top level</p>
Power-on BU Rinsing Request	<p>Through this setting you can decide whether to enable or not the request to rinse the brew group when the machine is started after a standby:</p> <ul style="list-style-type: none"> <li>- OFF: function not enabled</li> <li>- ON: function enabled</li> </ul> <p>Press the OK button on the EXIT option to go back to the top level</p>
WATER HARDNESS	<p>This function allows you to adjust water hardness:</p> <ul style="list-style-type: none"> <li>- LEVEL 1: very soft water</li> <li>- LEVEL 2: soft water</li> <li>- LEVEL 3: hard water</li> <li>- LEVEL 4: Very hard water</li> </ul> <p>For more details, see the "Measuring and Adjusting Water Hardness" chapter.</p> <p>Press the OK button on the EXIT option to go back to the top level</p>
Descale Warning	<p>Through this function you can set the alarm indicating the need of machine descaling. Damage resulting from failure to descale the machine is not covered by warranty.</p> <ul style="list-style-type: none"> <li>- OFF: function not enabled</li> <li>- ON: function enabled</li> </ul> <p>Press the OK button on the EXIT option to go back to the top level</p>

MENU ITEM	Description
Display contrast	<p>This function allows you to adjust the contrast of the display to better view the messages.</p> <p>The user, by means of the navigation arrows, can change the display contrast settings. The modification of the contrast level is shown by the bar.</p> <p>The user must press the OK button to confirm the choice and go back to the menu top level.</p>
Capsules warning	<p>This function allows you to enable/disable the alarm warning the user that the capsule drawer needs to be emptied.</p> <ul style="list-style-type: none"> <li>- OFF: function not enabled</li> <li>- ON: function enabled</li> </ul> <p>Press the OK button on the EXIT option to go back to the top level</p> <p><b>NOTE:</b> disabling this alarm may cause machine malfunctions, since the capsules may block the brew group.</p>
Exit	Through this option the user can go back to the menu top level
Maximum Pressure	<p>This function allows to modify the management of the pump power when brewing coffee products in order to brew the selected product at a higher pressure:</p> <ul style="list-style-type: none"> <li>- OFF: function not enabled</li> <li>- ON: function enabled</li> </ul> <p>Press the OK button on the EXIT option to go back to the top level</p>
CREDIT MANAGEMENT	<p>This menu option allows to use the credit management functions for:</p> <ul style="list-style-type: none"> <li>- Setting the activation threshold of credit alarms</li> <li>- Setting the available credits</li> </ul>
Set Credits Alarm Threshold	<p>This function allows to set a threshold below which the machine warns the user that the credits are running out.</p> <p>The thresholds that can be set are:</p> <ul style="list-style-type: none"> <li>- 0 CREDITS: the alarm is disabled</li> <li>- &lt; 5 CREDITS: the machine warns the user when there are only 5 credits available</li> <li>- &lt; 10 CREDITS: the machine warns the user when there are only 10 credits available</li> <li>- &lt; 20 CREDITS: the machine warns the user when there are only 20 credits available</li> <li>- &lt; 50 CREDITS: the machine warns the user when there are only 50 credits available</li> </ul> <p>Press the OK button on the EXIT option to go back to the top level</p>
Set Credits	<p>This function allows credit charging in the machine.</p> <p>The user must set the indicated number, increasing or decreasing it by means of the navigation buttons.</p> <p>By pressing the OK button the cursor under the digit is moved towards right.</p> <p>By pressing the OK button, after the fourth digit you access the screen "Confirm Set Credits"</p>

MENU ITEM	Description
Confirm Set Credits	<p>Press OK on one of the following options:</p> <ul style="list-style-type: none"> <li>- YES: confirming and saving the set credits</li> <li>- None: resetting the number of credits and going back to the loading screen</li> </ul> <p>Press the OK button on the EXIT option to go back to the top level</p>
Exit	Through this option the user can go back to the menu top level
Stand-by Time	<p>This function allows you to adjust the time after which the machine must go into the "stand-by" mode. In case it is not used:</p> <ul style="list-style-type: none"> <li>- NO STANDBY: the machine is always active</li> <li>- 30 MIN: the machine goes into the standby mode after 30 minutes of inactivity</li> <li>- 60 MIN: the machine goes into the standby mode after 60 minutes of inactivity</li> <li>- 180 MIN: the machine goes into the standby mode after 180 minutes of inactivity</li> </ul> <p>Press the OK button on the EXIT option to go back to the top level</p>
Safety	<p>This function allows to manage the passwords used to access machine menus:</p> <ul style="list-style-type: none"> <li>- Technical Menu Password</li> <li>- Service Menu Password</li> <li>- User Menu Password</li> </ul>
Technical Menu Password	<p>By means of this option the user can manage the password of the technical menu:</p> <ul style="list-style-type: none"> <li>- SET: you can access this option if the password is not set</li> <li>- DISABLE: this option is only displayed if a password is already set</li> <li>- CHANGE: this option is only displayed if a password is already set</li> </ul> <p>Press the OK button on the EXIT option to go back to the top level</p>
Set	<p>This function allows to set the 4-digit code to access the technical menu.</p> <p>The user must set the desired number, increasing or decreasing it by means of the navigation buttons.</p> <p>By pressing the OK button the cursor under the digit is moved towards right.</p> <p>By pressing the OK button, after the fourth digit you access the screen "Confirm Password".</p> <p>Press the OK button on the EXIT option to go back to the top level</p>
Confirm Password	<p>Press OK on one of the following options:</p> <ul style="list-style-type: none"> <li>- YES: confirming and saving the set password</li> <li>- None: going back to the password entering screen</li> </ul> <p>Press the OK button on the EXIT option to go back to the top level</p>
Disable	<p>By means of this option the user can disable the set password.</p> <p>In this case the password is set to "0000" by default.</p>
Change	By means of this option the user can change the set password.

MENU ITEM	Description
Service Menu Password	<p>By means of this option the user can manage the password of the maintenance menu</p> <p>- SET: you can access this option if the password is not set - DISABLE: this option is only displayed if a password is already set - CHANGE: this option is only displayed if a password is already set</p> <p>Press the OK button on the EXIT option to go back to the top level</p>
Set	<p>This function allows to set the 4-digit code to access the maintenance menu The user must set the desired number, increasing or decreasing it by means of the navigation buttons. By pressing the OK button the cursor under the digit is moved towards right. By pressing the OK button, after the fourth digit you access the screen "Confirm Password".</p> <p>Press the OK button on the EXIT option to go back to the top level</p>
Confirm Password	<p>Press OK on one of the following options:</p> <ul style="list-style-type: none"> <li>- YES: confirming and saving the set password</li> <li>- None: going back to the password entering screen</li> </ul> <p>Press the OK button on the EXIT option to go back to the top level</p>
Disable	<p>By means of this option the user can disable the set password. In this case the password is set to "0000" by default.</p>
Change	<p>By means of this option the user can change the set password.</p>
User Menu Password	<p>By means of this option the user can manage the password of the user menu:</p> <p>- SET: you can access this option if the password is not set - DISABLE: this option is only displayed if a password is already set - CHANGE: this option is only displayed if a password is already set</p> <p>Press the OK button on the EXIT option to go back to the top level</p>
Set	<p>This function allows to set the 4-digit code to access the user menu The user must set the desired number, increasing or decreasing it by means of the navigation buttons. By pressing the OK button the cursor under the digit is moved towards right. By pressing the OK button, after the fourth digit you access the screen "Confirm Password".</p> <p>Press the OK button on the EXIT option to go back to the top level</p>
Confirm Password	<p>Press OK on one of the following options:</p> <ul style="list-style-type: none"> <li>- YES: confirming and saving the set password</li> <li>- None: going back to the password entering screen</li> </ul> <p>Press the OK button on the EXIT option to go back to the top level</p>
Disable	<p>By means of this option the user can disable the set password. In this case the password is set to "0000" by default.</p>
Change	<p>By means of this option the user can change the set password.</p>
Exit	Through this option the user can go back to the menu top level

MENU ITEM	Description
Restore Factory Settings	This function resets the factory configuration settings when a malfunction occurs. By means of the OK button the user can confirm this choice.
Reboot and Update from SerProg	By means of this option the user can download the firmware using the SerProgr SAEKO Vending kit. By selecting this option by means of the OK button you can restart the machine
Exit	This function takes you back to the main menu
Back to Main Screen	Through this function the machine goes back to the "ready for use" mode

## 8.4.4 Password setting

The PASSWORD must be set by the service provider in order to prevent access by unauthorised personnel who could change the machine settings and cause malfunctions.

Three passwords can be set to access the three different machine menus.

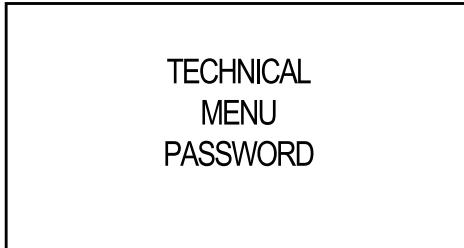
To set the PASSWORD, proceed as follows:

Switch to machine programming mode as described in section "Access to the Technical Menu".

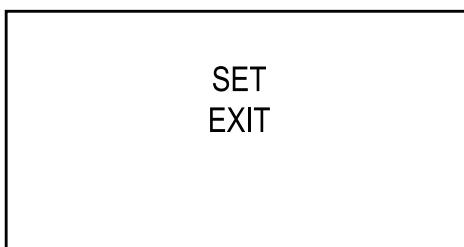
Press the "Down" button until the following menu is displayed:



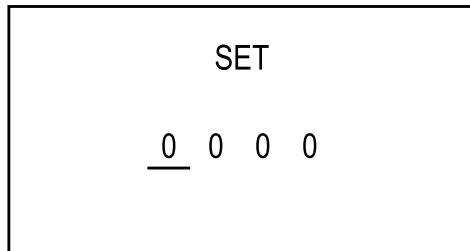
Press the "OK" button to enter the submenu of the selected option. The following screen is displayed:



Press the "Down" or "Up" button to select the menu for which the password must be set. Press the "OK" button to confirm. The following screen is displayed:



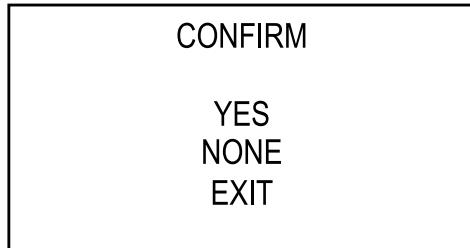
Press the "Down" or "Up" button to select the option "Set". Press the "OK" button to confirm and access the password programming. The following screen is displayed:



To enter the password:

Press the "Up" button or the "Down" button to set the desired number. Press the "OK" button to move to the next number.

Repeat the steps until the set password has been entered. Once the last number has been inserted the following screen is displayed:



Press the "Up" or "Down" button to select the option "Yes" and confirm the password.

In case you want to change an already set password follow the same procedure. The following screen will be displayed:



Select "Disable" to cancel the previously set password, or select "Change" to modify the previously set password.

## 8.4.5 Setting Credits

Credits can be set to control sales. To set the credits, proceed as follows:

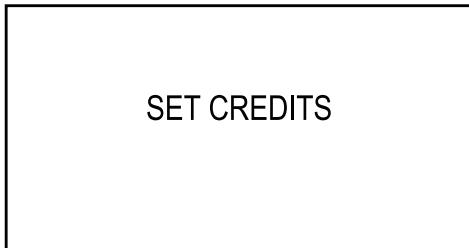
Switch to machine programming mode as described in section "Access to the Technical Menu".

Press the "Down" button or the "Up" button until the following menu is displayed:



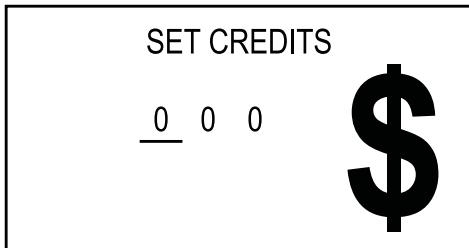
Press the "OK" button to confirm and access the menu.

Press the "Down" button or the "Up" button until the following menu is displayed:



The option "SET CREDITS" is displayed, which will allow the number of credits to be manually entered.

Press the "OK" button to confirm and access the credit charging page.

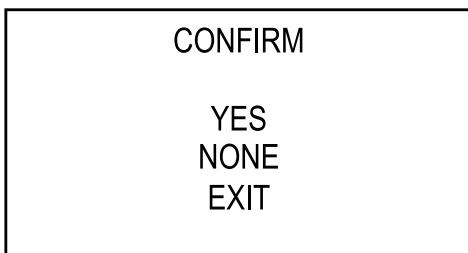


To charge credits:

Press the "Up" button or the "Down" button to set the desired number.

Press the "OK" button to move to the next number.

Repeat the steps until the desired number of credits has been entered. Once the last number has been inserted the following screen is displayed:



Press the "Up" or "Down" button to select the option "Yes" and confirm.

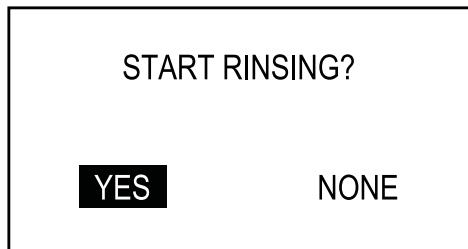
To exit, scroll the menu using the "Up" or "Down" buttons until option "Exit".

## 9 OPERATION AND USE

-  The use by children older than 8 years or by persons with reduced physical, mental or sensory abilities or with lack of experience and skills is allowed, provided that they are supervised or instructed on how to use the appliance correctly and that they understand the hazards involved.
-  Children must not play with the appliance. Children must not carry out any cleaning and maintenance operations without being monitored.
-  For hygienic reasons, after the machine has not been used for a long time, it is recommended to thoroughly rinse the circuit.

### 9.1 Warm-up and Rinsing

When turned on, the machine asks the user whether it has to perform a rinse cycle or not. The display will show:



If you select Yes, the machine will request to open and close the capsule loading tray. The display will show:



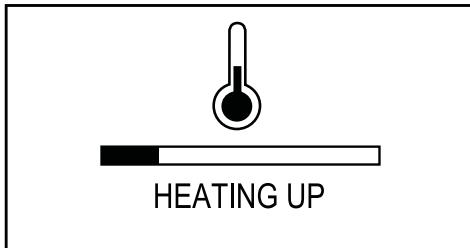
You can cancel the rinse operation by pressing the "OK" button.

Open the capsule loading tray. The display will show:

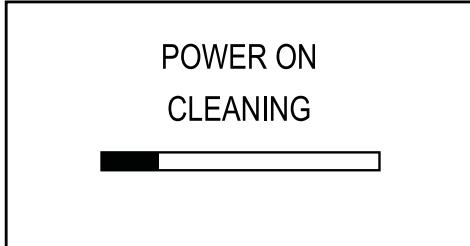


The rinse operation can still be cancelled by pressing the "OK" button.

Close the capsule loading tray. The machine activates the warm-up phase to perform the cleaning cycle. The display will show:



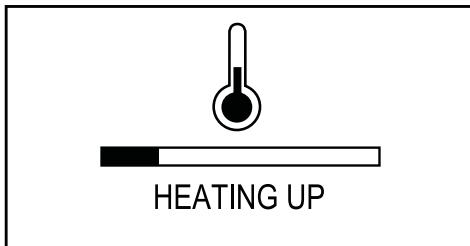
The following message is displayed:



The brew group and the Cappuccinatore - if it is inserted - will dispense hot water. The cycle cannot be interrupted. Then the machine is ready for use.

If you select No, the machine activates the warm-up phase and - once completed - it will be ready for operation.

Upon product dispensing the machine may perform a warm-up cycle, if necessary. The display will show:



## 9.2 Rinsing and Self-cleaning

The cycle allows the coffee and milk circuits to be rinsed with fresh water.

The machine requests to perform this cycle during the warm-up phase only, in the following cases:

- Upon machine start-up, when it is cold.
- During the stand-by preparation phase, if at least one coffee-based or milk-based product has been brewed.

## 9.3

## Loading Capsules



Use exclusively LAVAZZA BLUE\*, NESPRESSO\* or compatible capsules, according to the model, to brew the desired products.



Capsules other than compatible LAVAZZA BLUE\* or NESPRESSO\* capsules, coffee beans, ground and/or freeze-dried coffee should not be used.

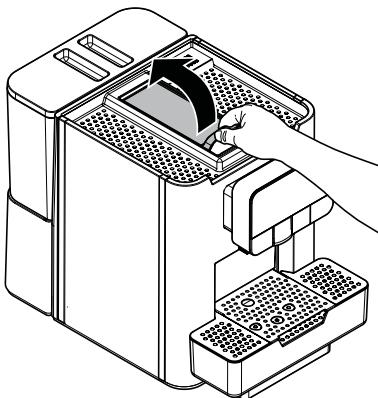


The capsules supplied for this machine are single-use capsules and each of them should be used for one brewing cycle only.

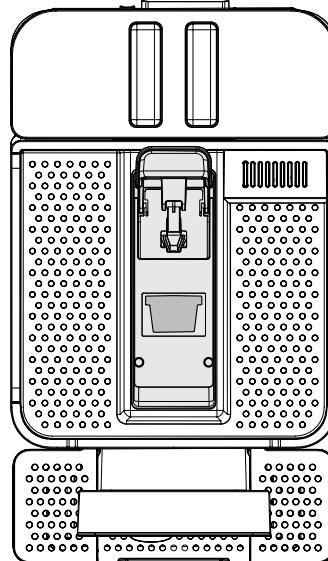


Capsules should not be reused to brew two or more products.

To insert the capsule, the loading tray must be opened by pushing it upwards as far as it will go.

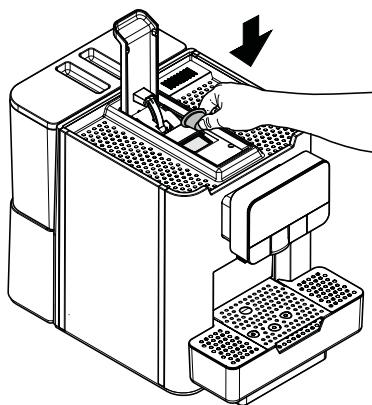


#### LAVAZZA BLUE capsules orientation

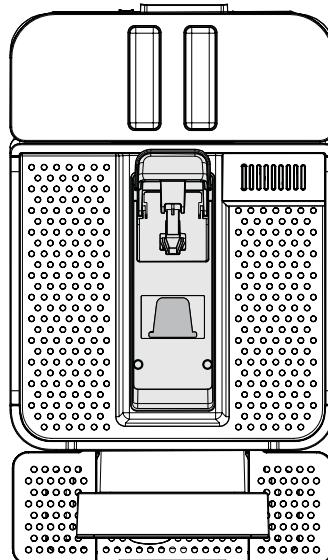


**⚠** Do not force the tray further than its limit.

Pick up a single capsule and insert it into its seat.



#### NESPRESSO capsules orientation

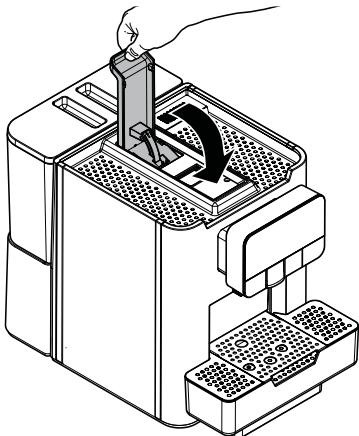


**⚠** The capsule should be inserted as shown in the figure.

**👉** The capsule must be inserted into place without the use of any tools.

 The capsule cannot be removed once it has been inserted into the compartment.

When the capsule is correctly placed, close the tray.



 If you encounter resistance when closing the tray, check the positioning of the capsule.

 Do not insert fingers or any other object other than a LAVAZZA BLUE\*, NESPRESSO\* or compatible capsule into the tray.

The capsule is now inserted, and the user may select the desired beverage.

\* LAVAZZA BLUE and NESPRESSO brands are neither property of Saga Coffee S.p.A. nor of other related companies.

#### 9.4

### Brewing a Single Coffee/Product

Before brewing the coffee/product, ensure that:

- the machine is ready for use;
- the capsule is correctly placed;
- a cup and/or mug suitable for the desired product is placed under the dispensing spout.

 In case you press a beverage button when the capsule tray is open, the display will indicate to close the tray.

CLOSE  
MANUAL  
LEVER

 If the door is opened after pressing a beverage button, dispensing will be cancelled and the message “BREWING CANCELLED” is displayed.

BREWING  
CANCELLED

The machine checks whether a capsule is inserted by detecting the opening and closing of the capsule tray. In case no capsule is inserted, a display message will prompt the user to insert one. After closing the capsule tray, press the button again to dispense the selected product. The user can stop product dispensing when the blinking LED light of the selected product becomes steady on.

**⚠** Once brewing is completed, the machine does not automatically dispose of the capsule into the capsule drawer! At the end of the brewing cycle, it is therefore necessary to manually open and close the lever to discharge the capsule into the capsule drawer.

The display shows the brewing stage.

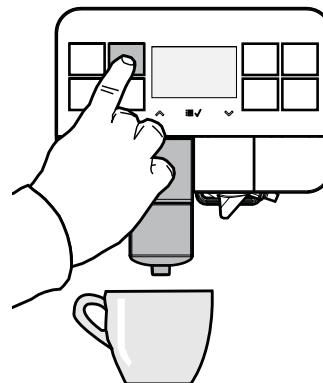


Product brewing stops automatically when the preset level is reached.

#### Brewing a Long Coffee

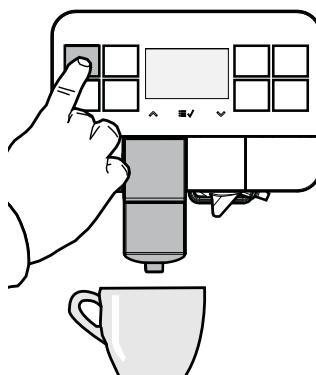
To brew a long coffee, we recommend using the moving coffee dispensing spout in the low position and placing the cup on the hole in the rear part of the grill.

Press the "Long Coffee" button. The machine automatically brews a long coffee.



#### Brewing an Espresso

To brew an espresso, we recommend using the moving coffee dispensing spout in the low position and placing the cup on the hole in the rear part of the grill. Press the "Espresso" button. The machine automatically brews an espresso.



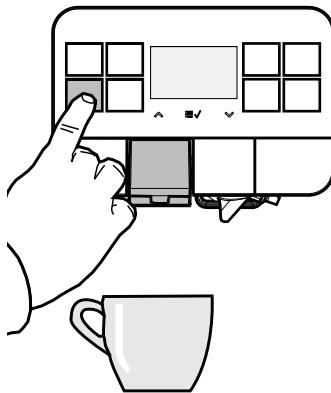
The display shows the brewing stage.



Product brewing stops automatically when the preset level is reached.

**"Manual Brewing"**

Press the "Manual Brewing" button. The machine brews a coffee product.

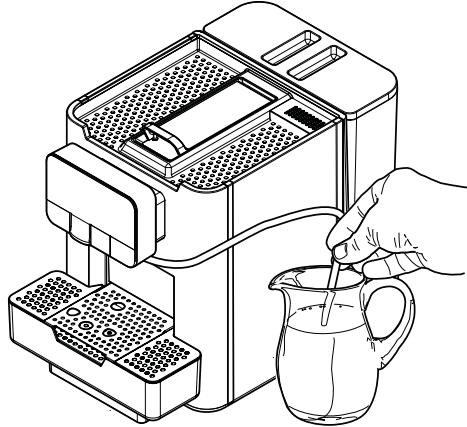


The display shows the brewing stage.



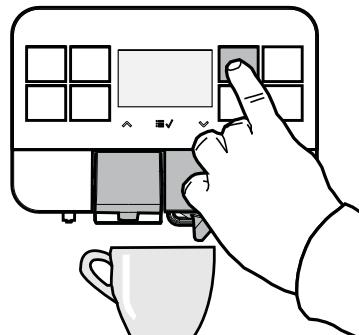
To stop brewing press the "Manual Brewing" button again.

Insert the suction tube into the milk container.



For hygienic reasons, make sure that the outer surface of the suction tube is clean.

Press the "Coffee with milk" button. The machine automatically brews the beverage.

**Brewing a Coffee with a Dash of Milk**

Danger of burning! Dispensing may be preceded by small jets of hot water.

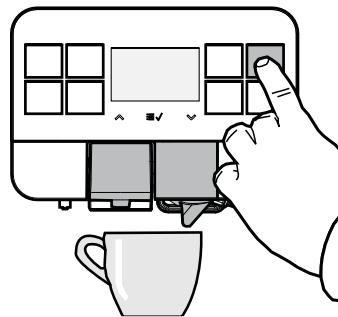
The display shows the brewing stage.



Product brewing stops automatically when the preset level is reached.

If the option "Request Clean Cappuccinatore" in the maintenance menu has been set to "ON", the display shows the wording "Quick Clean? YES - NONE" once the milk-based product has been dispensed to remind you that the Cappuccinatore should be rinsed. Refer to section "Cleaning the Cappuccinatore (After each Use)" to carry out this operation.

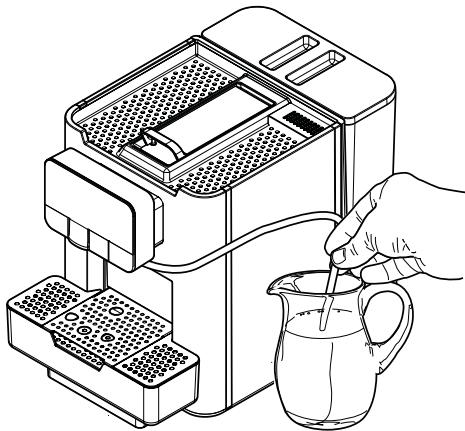
Press the "Cappuccino" button. The machine automatically brews the beverage.



### Brewing Cappuccino

**⚠ Danger of burning!**  
Dispensing may be preceded by small jets of hot water.

Insert the suction tube into the milk container.



The display shows the brewing stage.



Product brewing stops automatically when the preset level is reached.

If the option "Request Clean Cappuccinatore" in the maintenance menu has been set to "ON", the display shows the wording "Quick Clean? YES - NONE" once the milk-based product has been dispensed to remind you that the Cappuccinatore should be rinsed.

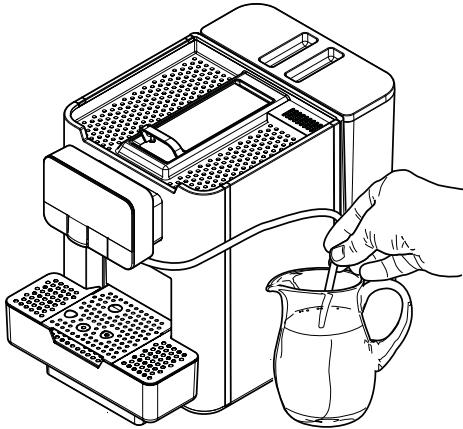
Refer to section "Cleaning the Cappuccinatore (After each Use)" to carry out this operation.

### Dispensing Milk

**⚠** For hygienic reasons, make sure that the outer surface of the suction tube is clean.

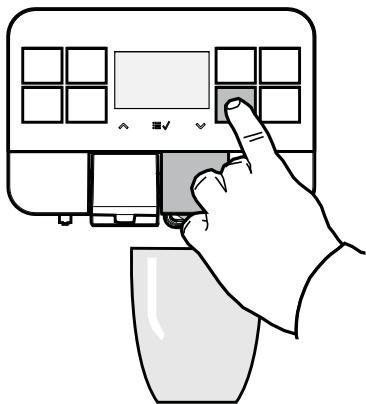
**⚠ Danger of burning!**  
Dispensing may be preceded by small jets of hot water.

Insert the suction tube into the milk container.

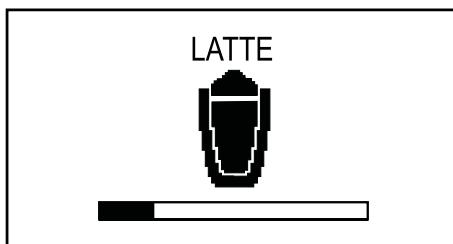


 For hygienic reasons, make sure that the outer surface of the suction tube is clean.

Press the "Milk" button. The machine automatically dispenses the beverage.



The display shows the brewing stage.



Product brewing stops automatically when the preset level is reached.

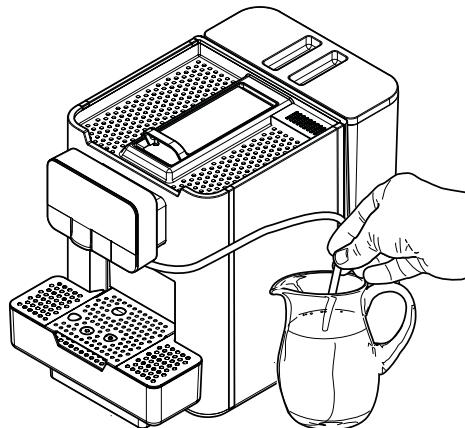
If the option "Request Clean Cappuccinatore" in the maintenance menu has been set to "ON", the display shows the wording "Quick Clean? YES - NONE" once the milk-based product has been dispensed to remind you that the Cappuccinatore should be rinsed.

Refer to section "Cleaning the Cappuccinatore (After each Use)" to carry out this operation.

#### Brewing Latte Macchiato

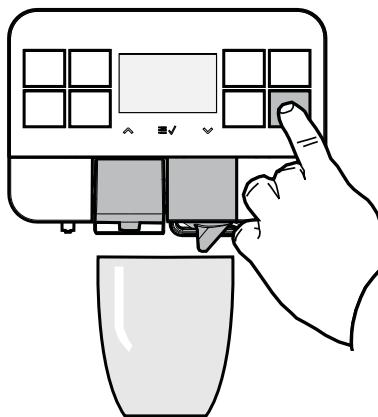
 Danger of burning!  
Dispensing may be preceded by small jets of hot water.

Insert the suction tube into the milk container.

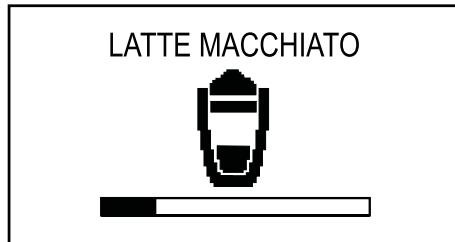


 For hygienic reasons, make sure that the outer surface of the suction tube is clean.

Press the "Latte Macchiato" button. The machine automatically brews the beverage.



The display shows the brewing stage.



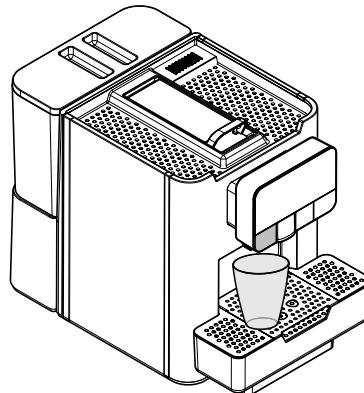
Product brewing stops automatically when the preset level is reached.

If the option "Request Clean Cappuccinatore" in the maintenance menu has been set to "ON", the display shows the wording "Quick Clean? YES - NONE" once the milk-based product has been dispensed to remind you that the Cappuccinatore should be rinsed.

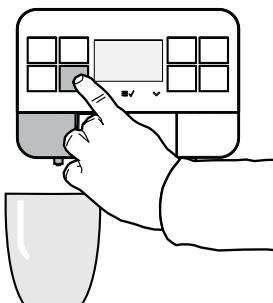
Refer to section "Cleaning the Cappuccinatore (After each Use)" to carry out this operation.

**⚠** The hot water dispensing spout may reach high temperatures: never touch it with bare hands.

Ensure the machine is ready for use before dispensing hot water. Place a container under the hot water dispensing spout.

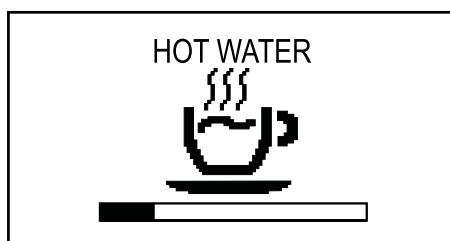


Press the "Hot Water" dispensing button. After a few moments hot water will be dispensed from the hot water dispensing spout.



9

The display will show:



## 9.5 Dispensing Hot Water

**⚠** Danger of burning! Dispensing may be preceded by small jets of hot water and steam.

Product brewing stops automatically when the preset level is reached. The user can stop product brewing once the desired quantity is reached by pressing the "Hot Water"button again.

## 9.6 Emptying the Capsule Drawer and the Drip Tray

 This operation must be performed with the machine turned on.

The machine will indicate when the capsule drawer has reached its maximum capacity for holding capsules. The first warning alerts the user that the capsule drawer must be emptied, but the machine can still be used to brew coffee. The display will show:

CHOOSE  
BEVERAGE  
5

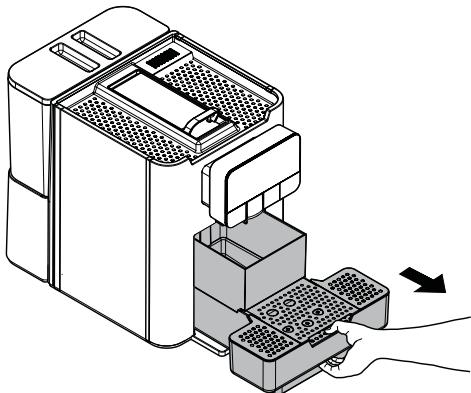


If the capsule are not removed from the drawer after several brewing cycles, the machine will stop. The display will show:

EMPTY CAPSULES  
DRAWER AND  
DRIP TRAY



In order to brew coffee, the capsule drawer must be emptied of used capsules. Remove the drip tray and the capsule drawer.

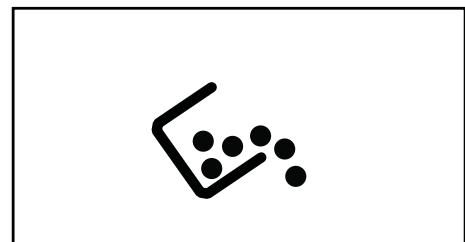


When removing the capsule drawer the machine will inform the user that the alarm will be reset within 5 seconds.

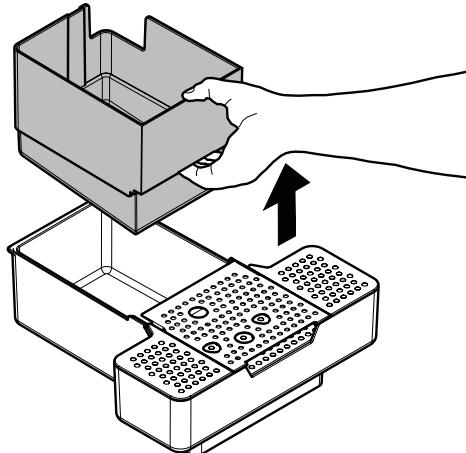
 If the capsule drawer is inserted during this time frame, the machine will not brew coffee.

After 5 seconds the machine prompts the user to insert the capsule drawer back into place. When the drip tray and the capsule drawer are removed and emptied, the display will show:

INSERT DRAWER



Lift the capsule drawer.



Empty the capsule drawer and the drip tray.

If the drip tray is inserted without the capsule drawer the machine will not brew products.

After emptying, insert the capsule drawer. The display will show:

CHOOSE  
BEVERAGE

The machine is now ready to brew coffee.

The capsule drawer also contains liquid residues as a result of dripping after coffee or other beverages have been brewed.

Liquids and capsules must be disposed of separately, as appropriate.

Before reinserting the capsule drawer into the machine, ensure that it is correctly placed and that the grill is properly arranged.

## 10 CLEANING AND MAINTENANCE

 Before performing any maintenance and/or cleaning operation, unplug the power cord.

 The Manufacturer is not liable for damage or malfunctions caused by a wrong or lack of maintenance.

 Avoid using chlorine-based tablets so as to prevent oxidation phenomena inside the appliance.

### 10.1

#### General Notes for Correct Operation

 Non-removable components and the machine itself must be cleaned, when not differently specified, only by using cold or lukewarm water, with a non-abrasive sponge and a damp cloth.

 Never use direct jets of water onto the appliance and/or its components.

Periodic maintenance and cleaning will keep the machine in good working order for a longer time and ensure compliance with basic hygienic standards.

Follow the instructions and timing indicated in the "MAINTENANCE SCHEDULE" to ensure correct operation of the appliance.

## 10.2 Cleaning and Scheduled Maintenance

 All parts requiring cleaning are easily accessible, so no tools are needed.

 All parts must be washed with lukewarm water only and without using detergents or solvents that could change their shape or performance.

 All removable parts - except for the Cappuccinatore - can not be washed in the dishwasher.

 After properly disassembling it, the milk Cappuccinatore can be washed in the dishwasher no more than once in a week and at a temperature not higher than 70°.

 Do not clean the electric parts with wet cloths and/or with degreasing detergents. Remove any dust residues with a jet of dry compressed air or with an antistatic cloth.

 Wash the Cappuccinatore every day, after each use. Use a detergent specifically designed for milk to wash it. Remove the Cappuccinatore once the washing cycle is complete. Once you have disassembled it, wash each single part and make sure to remove any milk residues.

 The espresso dispensing spout can not be removed!

## 10.2.1 Maintenance Schedule

Operation to be carried out	A	B	C	D
Emptying and cleaning the capsule drawer.	yes	yes	-	yes
Cleaning the capsule loading tray.	-	yes	-	-
Cleaning the water tank.	-	yes	-	yes
Rinsing.	-	-	yes	-
Thorough cleaning of the Cappuccinatore.	-	-	-	yes
Descaling.	yes	-	-	-

- A** When an alert is shown
- B** When the water tank is filled, or every week
- C** As required
- D** Every day

**⚠** The machine and its parts should in any case be cleaned every week.

**⚠** The appliance and its parts should be cleaned and washed following a period of inactivity.

## 10.2.2 Cleaning the Drip Tray and the Capsule Drawer

The capsule drawer is to be emptied and cleaned whenever indicated by the machine. However, it is recommended to empty it daily. To carry out this operation, refer to section "Emptying the Capsule Drawer and the Drip Tray".

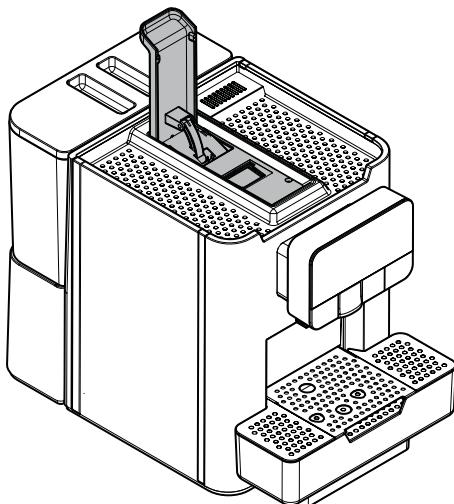
In any event, whenever servicing the machine, it is a good idea to remove and clean the capsule drawer.

At this time, it is also advisable to clean the cup and mug holder grills.

### 10.2.3 Cleaning the Capsule Loading Tray

Check the state of the capsule loading tray, and if necessary clean it with a damp cloth.

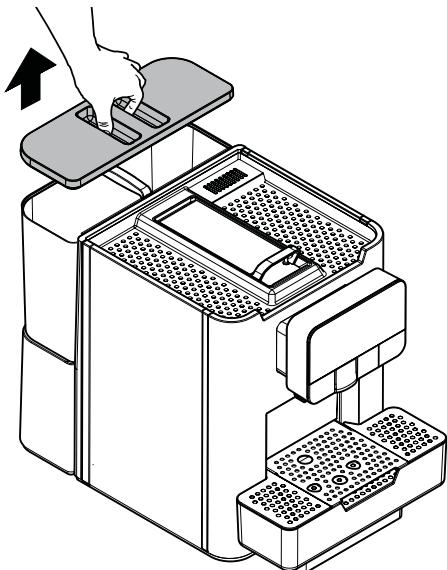
**⚠** Do not use detergents to clean the tray since it might be difficult to remove possible residues.



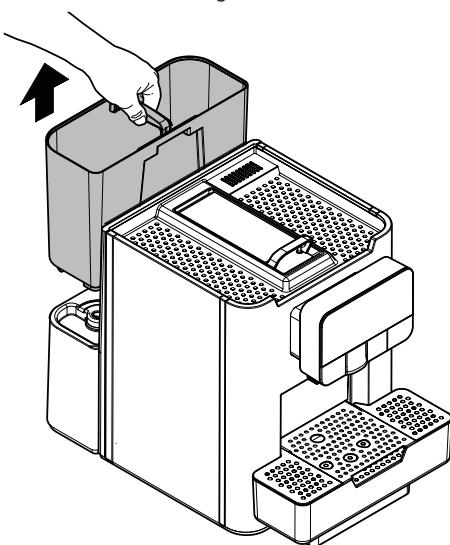
Check that the tray can freely rotate.

## 10.2.4 Cleaning the Water Tank

Remove the lid from the water tank.



Remove the tank; lift it using the inside handle.



Use a non-abrasive detergent to wash it, rinse with fresh water and dry carefully.

## 10.2.5 Rinsing the Internal Circuits

The internal circuits should be rinsed at least once daily. In order to perform this operation, refer to section "Rinsing and Self-cleaning".

## 10.2.6 Cleaning the Cappuccinatore (After Each Use)

**⚠** Failure to clean the Cappuccinatore after use with milk may cause proliferation of bacteria which may be harmful for the user.

**⚠** The milk circuit must be quickly rinsed after use to always ensure proper hygiene.

The Cappuccinatore must be washed and cleaned every time it is used. The lack of cleaning before and after each use can affect the correct operation of the machine.

**⚠** Danger of burning! Dispensing may be preceded by small jets of hot water.

After each milk dispensing, the display shows the following screen for a few seconds.

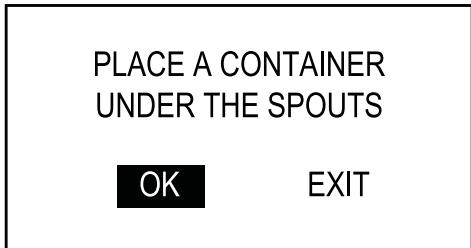
QUICK CLEAN?

YES

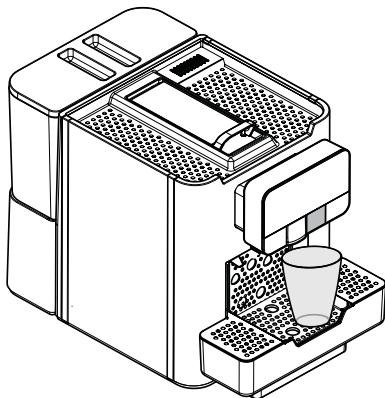
NONE

5

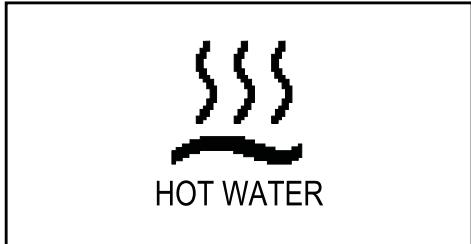
Proceed as follows to perform the rinse cycle:  
Select "YES" and press the "OK" button. The following screen is displayed:



Place a container under the Cappuccinatore spout.



The machine dispenses a quantity of water sufficient to rinse the milk circuit. The following screens are displayed:



Remove the container.

In case you do not want to perform the rinse cycle, select "NONE" using the arrow key. Press the "OK" button.

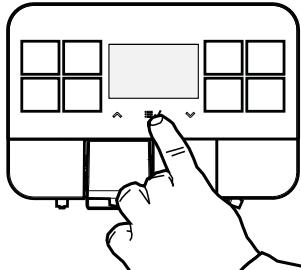
After a certain time, this rinse request screen automatically disappears and the machine goes back to the ready for use mode.

 Always remember to store milk in the fridge when not used.

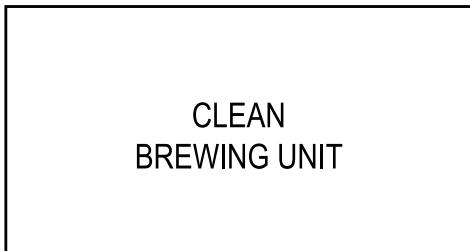
This function allows the machine to preserve proper hygiene and operating conditions, but in no case should it be considered sufficient as the only way of cleaning the milk circuit.

The Cappuccinatore quick cleaning cycle can be performed any time by following the procedure below:

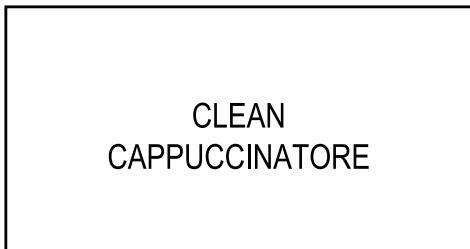
With the machine on, press the "OK" button.



The following screen is displayed:



Press the "Down" button to select "CLEAN CAPPUCCINATORE" and press the "OK" button to confirm.



Select the option "CAPPUCINATORE LIGHT CLEAN" and confirm with the "OK" button.

CAPPUCINATORE  
LIGHT CLEAN

CLEAN  
CAPPUCINATORE

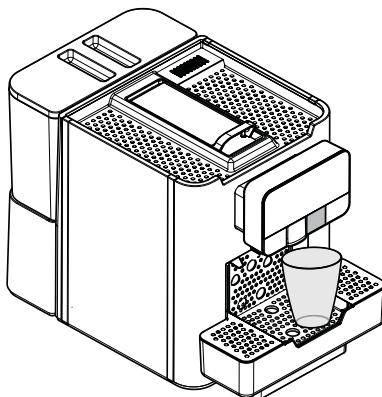
The cleaning cycle starts. The following screen is displayed:

PLACE A CONTAINER  
UNDER THE SPOUTS

OK

EXIT

Place a container under the Cappuccinatore spout.



The machine dispenses a quantity of water sufficient to rinse the milk circuit. The following screens are displayed:

  
HOT WATER

In this case, the washing cycle is performed with hot water only and the suction tube is not used. At the end of the cleaning cycle, it must be compulsorily washed under running water. Wait until the cycle stops automatically. The machine will go back to the ready for use state.

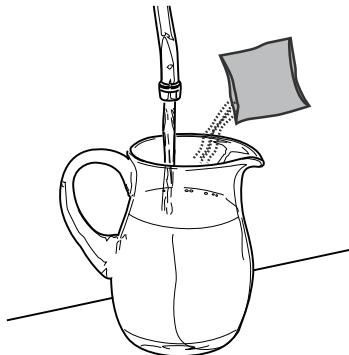
#### 10.2.7 Thorough Cleaning of the Cappuccinatore

Clean all the Cappuccinatore parts thoroughly every day by using a specific detergent available on the market.

The lack of cleaning before and after each use can affect the correct operation of the machine.

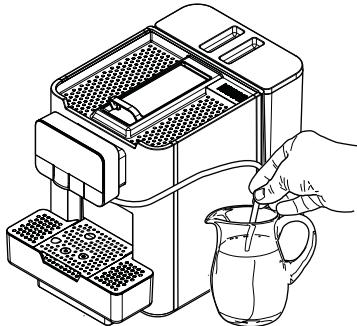
 **Danger of burning!**  
Dispensing may be preceded by small jets of hot water.

Make sure that the Cappuccinatore complete with all its parts is correctly inserted. Pour a solution bag into a container and let it dissolve in fresh water (refer to the water quantity indicated by the manufacturer).

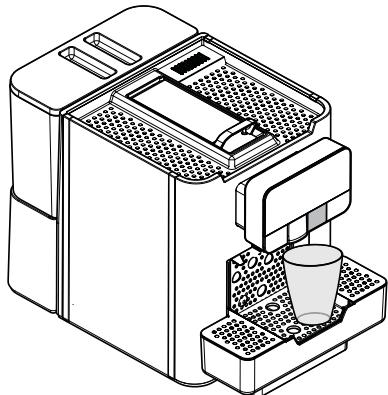


Wait for the contents of the bag to dissolve completely.

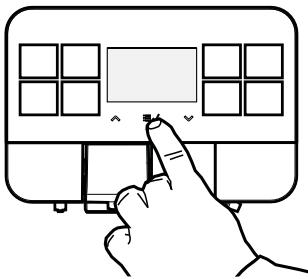
Insert the clean tube directly into the container.



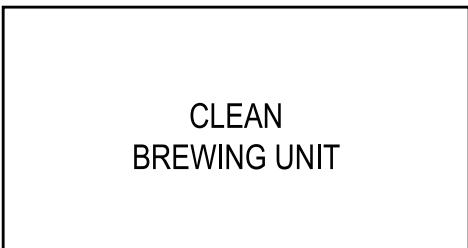
Make sure that the dispensing spout is in the high position. Place a container under the dispensing spouts (coffee and milk).



With the machine on, press the "OK" button.



The following screen is displayed:



Press the "Down" button to select "CLEAN CAPPUCINATORE" and press the "OK" button to confirm.

CLEAN  
CAPPUCINATORE

Select the option "CAPPUCINATORE COMPLETE CLEAN" and confirm with the "OK" button.

CAPPUCINATORE  
COMPLETE CLEAN

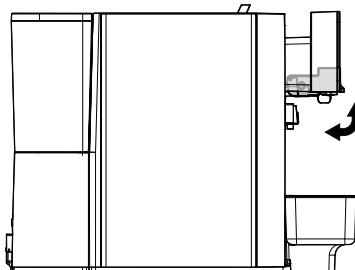
After a warm-up phase - if necessary - the cleaning cycle automatically starts and the same screen sequence shown for the quick wash cycle is displayed to warn the user about the process.

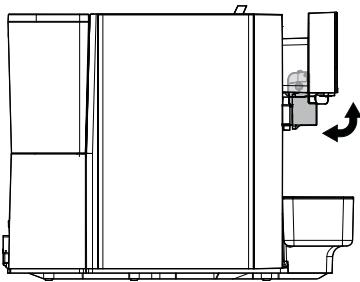
CLEAN  
CAPPUCINATORE

Wait until the cycle stops automatically. The machine will go back to the normal operating cycle. Remove the container only once the cycle has been completed.

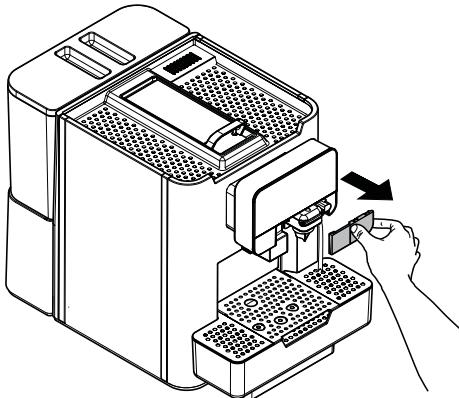
The steps below describe how to disassemble and wash the Cappuccinatore.

Lower the coffee dispensing spout.

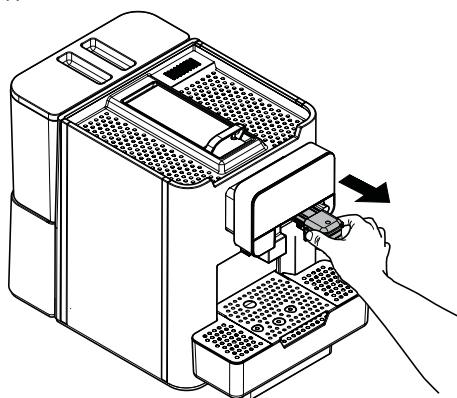




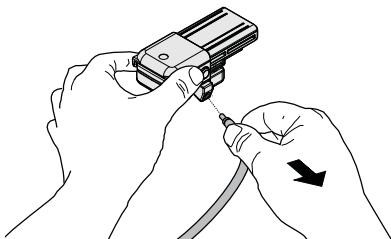
Remove the Cappuccinatore cover from the machine.



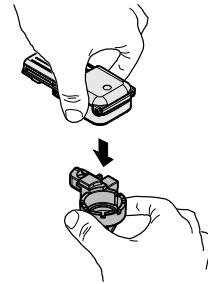
Push the button on the left side and remove the Cappuccinatore.



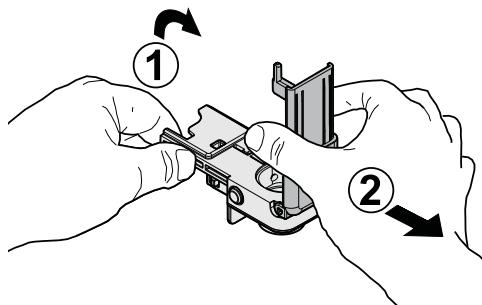
Remove the suction tube from the Cappuccinatore.



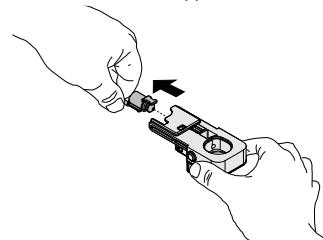
Remove the ring from the Cappuccinatore.



Rotate the Cappuccinatore cover and remove it from the Cappuccinatore body.



Remove the valve from the Cappuccinatore.



Wash the parts under running water. Make sure any milk deposits/residues are removed. After washing, reassemble the parts following the same procedure used for disassembly, but in reverse order.

 After washing and reassembling the Cappuccinatore, it can be installed back in the machine.

**⚠** After properly disassembling it, the milk Cappuccinatore can be washed in the dishwasher no more than once in a week and at a temperature not higher than 70°.

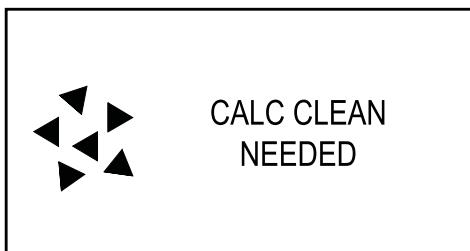
**⚠** Never use vinegar as a descaling solution.

Turn on the machine by pressing the ON/OFF button. Wait for the machine to complete the rinse and warm-up process.

**⚠** Make sure that the Cappuccinatore is inserted, remove the suction tube from the Cappuccinatore.

#### 10.2.8 DESCALING

Limescale is a natural part of the water used for machine operation. It needs to be removed regularly as it may clog the water and coffee circuit of your appliance. The advanced electronics shows on the machine display when descaling is needed.

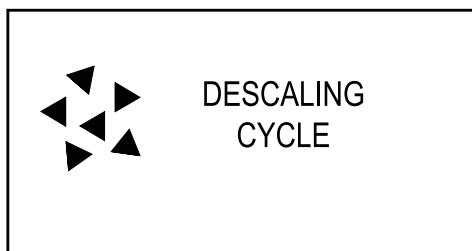


Just follow the steps described below. This operation needs to be carried out before the appliance stops working properly, as in this case repair is not covered by warranty. The descaling solution and the complete "Maintenance Kit" may be purchased at your local dealer or at authorised service centres.

**⚠** Never drink the descaling solution or any products brewed until the cycle has been completed.

**⚠** Remove the anti-scale filter before adding the descaling solution.

Switch to machine programming mode as described in section "Access to the Maintenance Menu". Scroll the menu until you reach the "Descaling Cycle" option.



Press the "OK" button. The following screen is displayed:



Open the capsule loading lever. The following screen is displayed:

 Do not insert the capsule.

CLOSE THE LEVER  
TO CONTINUE

**EXIT**

Close the capsule loading lever. The following screen is displayed:

REMOVE  
WATER FILTER

**OK**      **EXIT**

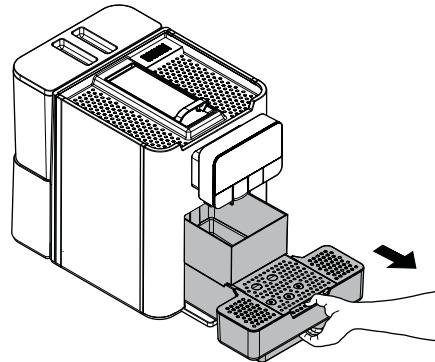
Remove the tank from the machine and empty it. Remove the anti-scale filter.

The following screen is displayed:

EMPTY DRIP TRAY

**OK**      **EXIT**

Remove and empty the drip tray.



After emptying it put the drip tray back into place. The following screen is displayed:

INSERT  
CAPPUCINATORE

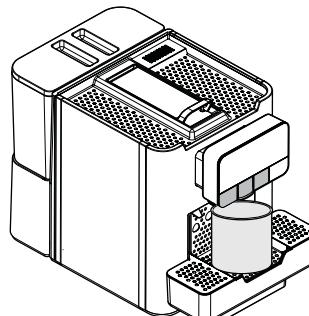
**OK**      **EXIT**

Check that the Cappuccinatore is correctly positioned. Press the "OK" button. The following screen is displayed:

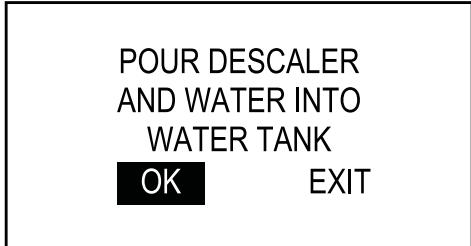
PLACE A CONTAINER  
UNDER THE SPOUTS

**OK**      **EXIT**

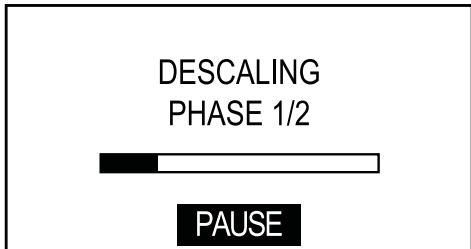
Place a large container under the dispensing spouts (hot water, coffee and cappuccino).



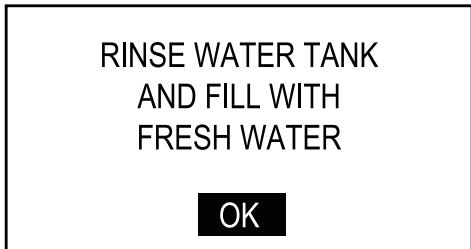
The following screen is displayed:



Pour 250 ml of descaling solution and 750 ml of water into the water tank. The following screen is displayed:



The first descaling phase starts. When the solution in the tank is finished, the machine requests to empty and rinse the tank with fresh drinking water.



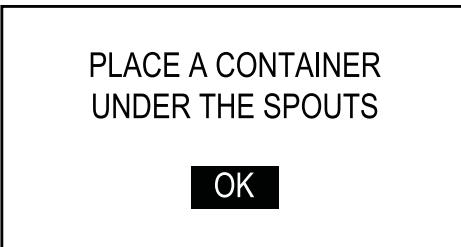
Rinse the water tank thoroughly and fill it with fresh drinking water up to the MAX level. Press the "OK" button. The following screen is displayed:



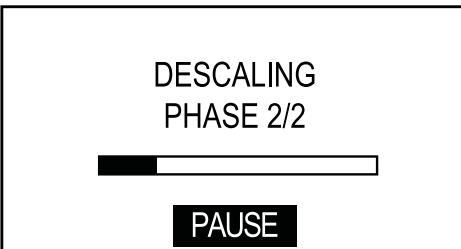
Remove and empty the drip tray. After emptying it put the drip tray back into place. Press the "OK" button. The following screen is displayed:



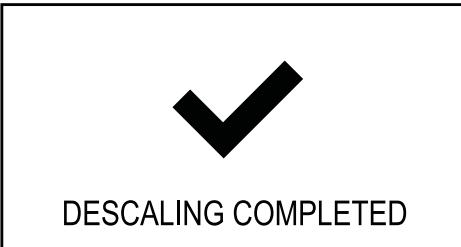
Check that the Cappuccinatore is correctly positioned. Press the "OK" button. The following screen is displayed:



Place a large container under the dispensing spouts (hot water, coffee and cappuccino). Press the "OK" button. The following screen is displayed:



Once the operation is complete the following screen is displayed:



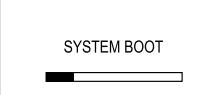
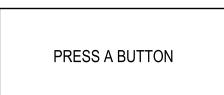
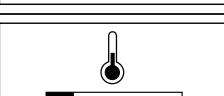
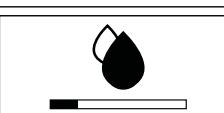
Put the small white filter back into place. Fill the water tank again up to the MAX level with fresh drinking water.

After performing the descaling cycle, rinse the Cappuccinatore under running water. Empty the containers used to collect the liquids during descaling. The descaling solution must be disposed of according to the manufacturer's instructions and/or regulations in force in the country of use. Empty the drip tray and place it back.

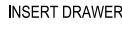
## II TROUBLESHOOTING

### II.1 Warning signals

This chapter describes all the warning messages that the machine may display to the user and the actions that can and/or must be performed by the user.

Warning Signals	How to reset the message
 <p>SYSTEM BOOT</p>	<p>The machine is starting up.</p>
 <p>PRESS A BUTTON</p>	<p>Machine in Stand-by. Press a button.</p>
 <p>START RINSING?</p> <p><input checked="" type="button"/> YES      <input type="button"/> NONE</p>	<p>When turning it on, the machine asks whether to perform a rinsing cycle or not. Select the desired option.</p>
 <p>POWER ON CLEANING</p>	<p>The machine is performing the cleaning cycle.</p>
 <p>HEATING UP</p>	<p>The machine is warming up to brew beverages or dispense hot water.</p>
 <p>RINSING</p>	<p>The machine is performing the rinse cycle. Wait until the machine has completed the cycle.</p>
 <p>CHOOSE BEVERAGE</p>	<p>The "Intenza" water filter must be replaced with a new one.</p>
 <p>CHOOSE BEVERAGE</p> <p>0% AQUA CLEAN</p>	<p>The "AquaClean" filter must be replaced with a new one.</p>

<b>Warning Signals</b>	<b>How to reset the message</b>
 <b>PRIMING</b>	The machine is priming the circuit.
	The machine is out of credits. To brew products, contact the service provider to restore the credits.
 <b>CHOOSE BEVERAGE</b>	The machine reminds that after a few cycles it will be necessary to perform a descaling cycle.
 <b>CALC CLEAN NEEDED</b>	The machine requires a descaling cycle. When this message is displayed, it is still possible to use the machine, but its correct operation might be affected. Damage caused by failure to descale the machine is not covered by warranty. Upon machine start up, a warning message is displayed for 5 seconds. The descaling cycle can be performed through the maintenance menu only.
 <b>CHOOSE BEVERAGE</b> 5 	The machine indicates that after a few cycles it will be necessary to empty the capsule drawer (see section "Emptying the Capsule Drawer and the Drip Tray"). The machine still allows to dispense products.
 <b>OPEN THE LEVER DON'T INSERT CAPSULE</b>  <b>EXIT</b>	The machine requests to open the capsule tray.
 <b>CLOSE THE LEVER TO CONTINUE</b>  <b>EXIT</b>	The machine requests to close the capsule tray.

<b>Warning Signals</b>	<b>How to reset the message</b>
 <b>INSERT DRAWER</b>	Insert the drip tray and the capsule drawer into the machine.
	

Warning Signals	How to reset the message
 EMPTY CAPSULES DRAWER AND Drip TRAY	Empty the capsule drawer.
	
 ADD WATER	Fill the water tank.
 CLOSE MANUAL LEVER	The machine requests to close the capsule tray.
 INSERT CAPPUCINATORE	The selected operation requires milk dispensing. Ensure that the Cappuccinatore is correctly and fully assembled. Insert the Cappuccinatore in the machine as specified in the manual.
 SUPPORT REQUIRED	Turn off the machine. Turn it back on after 30 seconds. Try this 2 or 3 times. If this signal appears again, contact the service provider and provide the code shown in the display.

## 11.2 Problems - Causes - Solutions

The following table indicates the possible error or alarm cause which may lead to a partial or total shutdown of the appliance.

Error code	Description
E5	Error 5: COD_WATER_CIRCUIT_FAILURE Indicates a fault regarding the water circuit for hot water/coffee: the pump has performed the three attempts of priming the circuit
E6	Error 6: COD_EV_DRV_FAILURE Indicates that one or more solenoid valves are in short-circuit and therefore they cannot be used
E8	Error 8: COD_STEAM_CIRCUIT_FAILURE Indicates a fault regarding the water circuit for steam: the pump has performed the three attempts of priming the circuit
E10	Error 10: COD_NTC_C_SHORT_FAILURE Indicates that the NTC temperature sensor of the coffee boiler is in short-circuit
E11	Error 11: COD_NTC_C_OPEN_FAILURE Indicates that the NTC temperature sensor of the coffee boiler is not connected
E12	Error 12: COD_NTC_S_OPEN_FAILURE Indicates that the NTC temperature sensor of the steam boiler is not corrected
E13	Error 13: COD_NTC_S_SHORT_FAILURE Indicates that the NTC temperature sensor of the steam boiler is in short-circuit
E14	Error 14: COD_HC_TIMEOUT_FAIL Indicates that the coffee boiler supply is not connected
E15	Error 15: COD_HS_TIMEOUT_FAIL Indicates that the steam boiler supply is not connected
E19	Error 19: COD_Z_CROSSING_FAILURE
E20	Error 20: COD_HC_OVER_TEMP_FAILURE Indicates that the coffee boiler is overheated
E21	Error 21: COD_HS_OVER_TEMP_FAILURE Indicates that the steam boiler is overheated

## 12 STORAGE - DISPOSAL

### 12.1 Location Change

Should the machine be placed in a different location, it is necessary to:

- disconnect the appliance from the supply network;
- carry out the general cleaning of the appliance as indicated in chapter "Cleaning and Maintenance";
- put the parts back into place and close the doors;

- lift and place the appliance in the assigned location following the instructions given in section "Unpacking and Positioning".

### 12.2 Inactivity and Storage

If the appliance needs to be stored or remains inactive for a long period, carry out the same operations as described in section "Location Change", therefore:

- wrap the appliance with a cloth to protect it from dust and humidity;
- make sure that the appliance is installed in a suitable place (temperature must be lower than 1°C) and be careful not to put cartons or appliances on it.

## 13

## INSTRUCTIONS FOR END OF OPERATIONAL LIFE DISPOSAL



### INFORMATION FOR THE USER

in compliance with art. 13 of the Italian Legislative Decree dated 25 July 2005, no. 151 "Implementation of the directives 2002/95/EC, 2002/96/EC and 2003/108/EC on the restriction of the use of certain hazardous substances in electrical and electronic equipment, as well as waste disposal".

The symbol of the crossed-out wheeled bin on the appliance or its packaging indicates that the product must be disposed of separately from other waste at the end of its operational life.

Separate collection of the appliance, once at the end of its operational life, is organised and managed by the manufacturer. Therefore, for an appropriate disposal, the user must contact the manufacturer and observe its separate collection management adopted for this appliance at the end of its operational life.

Separating this product for subsequent recycling, treatment and environmentally-friendly disposal will help prevent potential environmental and health risks, and allow the materials which make up the appliance to be re-used and/or recycled.

Specific administrative sanctions provided for by current regulations will be applied for illicit disposal of the product by the user.







