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ECAM29X2Y - 29X3Y - 29X4Y

# MAGNIFICA — EVO —

## COFFEE MAKER

Instructions for use. Keep these instructions

Visit [www.delonghi.com](http://www.delonghi.com) for a list of service centers  
near you.

## ELECTRIC CHARACTERISTICS

120 V~ 60 Hz 1250 W

## MACHINE À CAFÉ

Mode d'emploi . Conservez cette notice

Visitez [www.delonghi.com](http://www.delonghi.com) pour y voir une liste des  
centres de réparation proches de chez vous.

## CARACTÉRISTIQUES ÉLECTRIQUES

120 V~ 60 HZ 1250 W

## CAFETERA

Repase y guarde estas instrucciones.

Lea cuidadosamente este instructivo antes de usar  
su aparato.

Visite [www.delonghi.com](http://www.delonghi.com) para ver la lista de  
centros de servicios cercanos a usted.

## CARACTERÍSTICAS ELECTRICAS:

120 V~ 60 HZ 1250 W

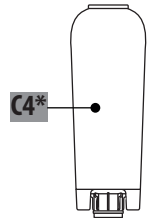
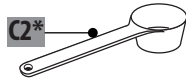
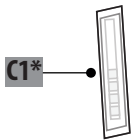
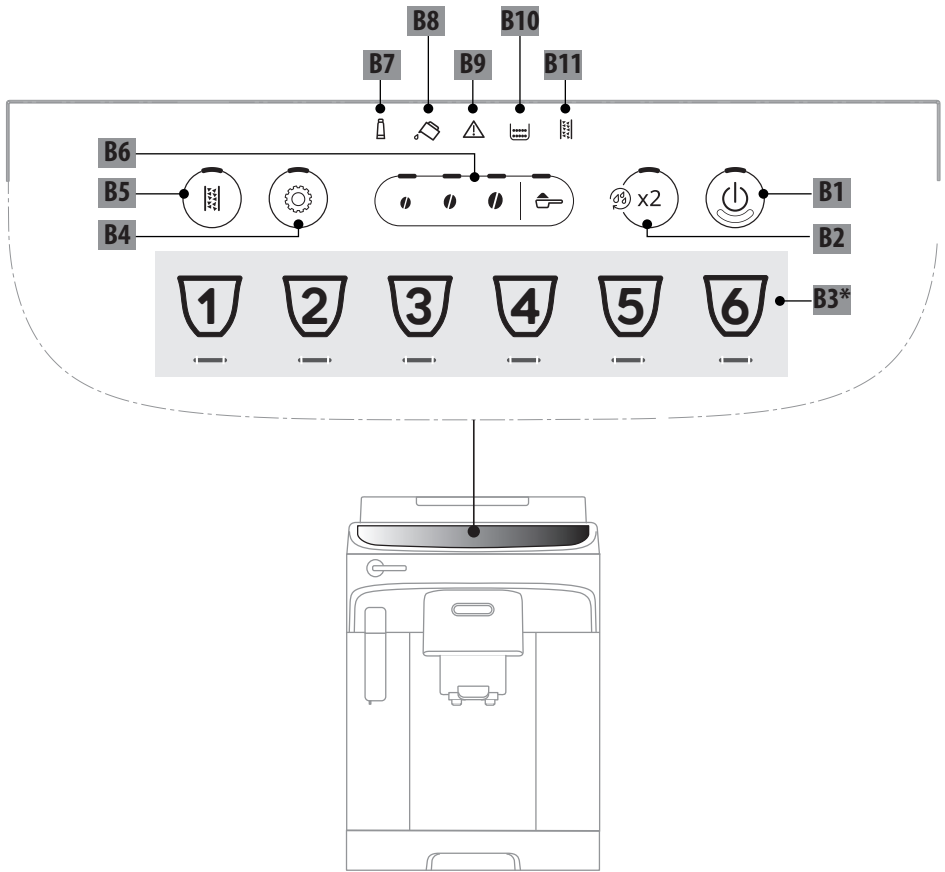
Instructions videos available at:  
<http://magnifica-evo.delonghi.com>








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**DeLonghi**





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# IMPORTANT SAFEGUARDS

When using electrical appliances, basic safety precautions should always be followed, including the following.

- Read all instructions carefully.
- Make sure the voltage of your electrical system corresponds to the voltage shown on the bottom of the machine.
- Do not touch hot surfaces. Use handles or knobs.
- To protect against fire, electrical shock and personal injury, do not immerse cord, plug or appliance in water or other liquid.
- Keep the appliance out of the reach of children and do not leave appliance unattended while in operation.
- Unplug from the outlet when not in use and before cleaning.
- Do not operate with a damaged cord or plug, or after the appliance malfunctions, or has been damaged in any manner. Return the appliance to the nearest authorized service facility for examination, repair or adjustment.
- The use of accessory attachments not recommended by the manufacturer may result in fire, electrical shock, or personal injury.
- Do not use outdoors.
- Make sure the power cord does not hang over the edge of the table or counter-top to avoid getting accidentally caught or entangled.
- Do not place the appliance or its electrical parts on or near electric stoves, cooking surfaces, or gas burners.
- Plug cord into the wall outlet. To disconnect, first turn machine "off", then remove plug from wall outlet.
- Do not use the appliance for other than the intended use. This appliance is to be utilized for domestic use only. The manufacturer declines all responsibility for any damage caused by improper, incorrect, or irresponsible use.

**WARNING: To reduce the risk of fire or electric shock, do not remove the cover or the exterior of the unit. Don't attempt to repair or modify the machine, doing so will void the warranty. Repair should be done by authorized service personnel only!**

## SAVE THESE INSTRUCTIONS

THIS APPLIANCE IS FOR HOUSEHOLD USE ONLY

## SHORT CORD INSTRUCTIONS

- A short power cord is provided to reduce risks resulting from becoming entangled in or tripping over a longer cord.
- Longer, detachable power supply cords or extension cords are available and may be used if care is exercised in their use.
- If an extension cord is used, the marked electrical rating should be at least as great as the electrical rating of the appliance. If the appliance is provided with 3- wire, grounding type cord, the extension should be a GROUNDING TYPE 3 - WIRE CORD. The longer cord should be arranged so that it will not drape over the counter-top or table top where it can be pulled on by children or tripped over.
- Your product is equipped with a polarized alternating current line plug (a plug having one blade wider than the other). This plug will fit into the power outlet only one way. This is a safety feature. If you are unable to insert the plug fully into the outlet, try reversing the plug. If the plug should still fail to fit, contact your electrician to replace your obsolete outlet. Do not defeat the safety purpose of the polarized plug.

## 1. SAFETY WARNINGS

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### ***Danger!***

This is an electrical appliance and may cause electric shock.

You should therefore follow these safety warnings:

- Never touch the appliance with damp hands or feet.
- Never touch the plug with damp hands.
- Make sure the socket used is freely accessible at all times, enabling the appliance to be unplugged when necessary.
- Unplug directly from the plug only. Never pull the cord as you could damage it.
- To disconnect the appliance completely you must unplug it from the mains socket.
- If the appliance is faulty, do not attempt to repair. Turn it off, unplug from the mains socket and contact Customer Services.
- Before cleaning the appliance, turn it off, unplug from the mains socket and allow to cool.

### ***Important!***

Keep all packaging (plastic bags, polystyrene foam) away from children.

**CHOKING HAZARD.** The appliance might contain small parts. Some of those small parts might be required to get disassembled during cleaning and maintenance operations. Handle with care and keep small parts out of reach of children.

### ***Danger of burns!***

This appliance produces hot water and steam may form while it is in operation.

**During operation (automatic rinsing, hot beverage delivery, steam delivery, cleaning), avoid contact with splashes of hot water or steam.**

When the appliance is in operation, the cup shelf could become very hot.

## 2. GENERAL INFORMATION

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### 2.1 Instruction for Use

Read all the Instruction for Use carefully before using the appliance. Failure to follow this Instruction for Use may result in burns or damage to the appliance.

The manufacturer is not liable for damage deriving from failure to respect this Instruction for Use.

### ***Please note:***

**These safety warnings are valid for all De'Longhi coffee machines.**

**Keep this leaflet together with the instructions accompanying the appliance.**

If the appliance is passed to other persons, they must also be provided with this Instruction for Use.

## 3. BEFORE USE

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### 3.1 Checking the appliance

After removing the packaging, make sure the product is complete and undamaged and that all accessories are present. Do not use the appliance if it is visibly damaged. Contact De'Longhi Customer Services.

### 3.2 Installing the appliance

When you install the appliance, you should respect the following safety warnings:

- The appliance gives off heat. After positioning the appliance on the worktop, leave a space of at least 1.18 in / 3 cm between the surfaces of the appliance and the side and rear walls and at least 5.9 in / 15 cm above the coffee maker.
- Water penetrating the appliance could cause damage. Do not place the appliance near taps or sinks.
- The appliance could be damaged if the water it contains freezes. Do not install the appliance in a room where the temperature could drop below freezing point.
- Arrange the power cord in such a way that it cannot be damaged by sharp edges or contact with hot surfaces (e.g. electric hot plates).

### 3.3 Connecting the appliance

Check that the mains power supply voltage corresponds to that indicated on the rating plate on the bottom of the appliance.

Connect the appliance to an efficiently earthed and correctly installed socket with a minimum current rating of 13A only.

If the power socket does not match the plug on the appliance, have the socket replaced with a suitable type by a qualified professional.

### 3.4 Setting up the appliance

The first time you use the machine, the water circuit is empty and the appliance could be very noisy. The noise becomes less as the circuit fills.

### 3.5 Cleaning and maintenance of materials in contact with food

- When used for the first time, or after 3 or 4 days without use, clean the appliance and the removable accessories that come into contact with water, coffee and milk, as indicated in the instructions for use. Check in the instructions which accessories are dishwasher safe.
- If the appliance is not used for more than 3 or 4 days, before making the first beverage, rinse the water circuit as described in this Instruction for Use.
- Be certain to take maximum care when carrying out all cleaning and maintenance operations described in the

instructions for use and/or prompted by the display or warning lights of the appliance itself.

### 3.6 Making cappuccinos and milk-based coffees





- The appliance has been tested for use with cow's milk and the following products of plant origin: soya, rice and almond. No other type of milk or product of plant origin may be used.
- To clean the system, following use with any type of milk, please follow the standard procedures described in the instruction manual
- The cleaning methods provided by the manufacturer and described in the instructions do not guarantee the complete removal of allergens.
- In the case of confirmed or suspected allergies and intolerances, make sure that your machine has not been previously used with any milk or product of plant origin containing the allergens you are allergic or the substances you are intolerant to.

## 4. INTRODUCTION

The principal functions of the machine are summarized in the Quick Guide.

Take a few minutes to read this Instruction for Use. This will avoid all risks and damage to the appliance.

The LEDs and indicator lights on the panel will help you interact with the machine and use the various functions correctly:

	Off	--
	On steadily	Function available
	Flashing	Function in progress
	Fast blink	User action needed

## 5. DESCRIPTION

### 5.1 Description of the appliance - A

- A1. Beans container
- A2. Pre-ground coffee funnel lid
- A3. Beans container lid
- A4. Grinding adjustment dial
- A5. Pre-ground coffee funnel
- A6. Steam/hot water dial
- A7. Rubber nozzle
- A8. Steam/hot water wand
- A9. Coffee spouts (adjustable height)
- A10. Condensate tray
- A11. Grounds container
- A12. Cup tray
- A13. Drip tray water level indicator
- A14. Drip tray grille
- A15. Drip tray
- A16. Water tank lid
- A17. Water tank
- A18. Water filter housing
- A19. Power cord
- A20. Infuser door
- A21. Infuser

### 5.2 Description of the control panel - B

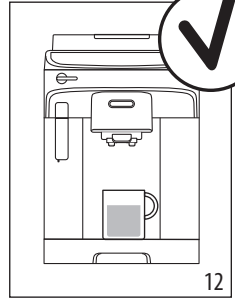
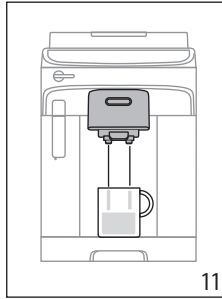
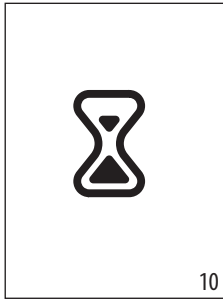
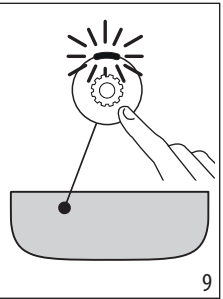
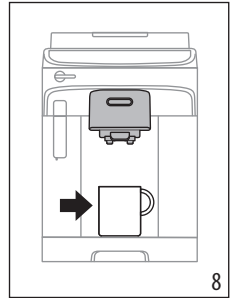
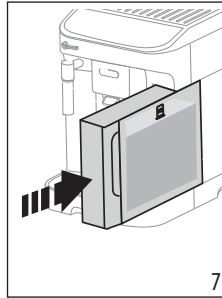
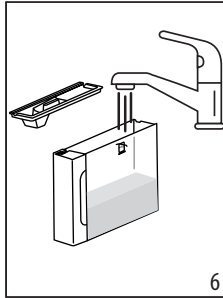
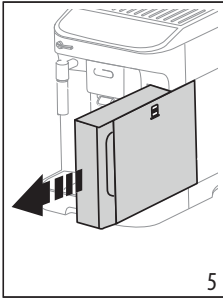
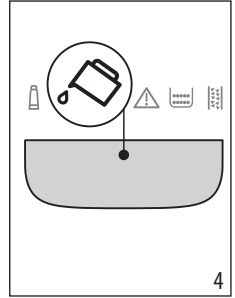
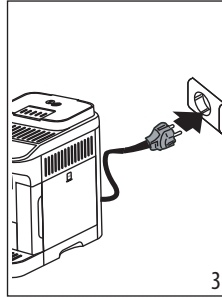
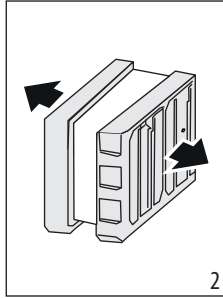
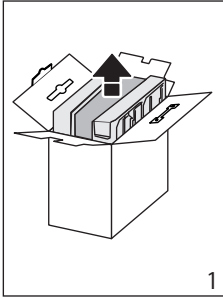
- B1. ON/Standby button with LED integrated light
- B2. X2 button with integrated led (Rinsing function when pressed and hold for 5 seconds)
- B3. Direct recipes with integrate led (\*number and type of recipes may vary depending on the model )
- B4. Setting menu button with LED integrated light
- B5. Descaling button with LED integrated light
- B6. Strength selection and pre-ground function buttons
- B7. Exhausted water filter indicator light
- B8. On steadily indicator light: insufficient water in the tank (A17)  
Flashing indicator light: the water tank is extracted
- B9. General alarm indicator light
- B10. On steadily indicator light: the grounds container (A11) needs to be emptied  
Flashing indicator light: put the grounds container back in place
- B11. Descaling indicator light


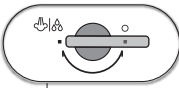
### 5.3 Description of the accessories - C\*

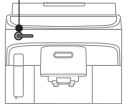
(\*number and type differ according to model)

- C1. Total Hardness Test
- C2. Measuring spoon for pre-ground coffee
- C3. Descaler (\*some models only)
- C4. Water softner filter

## 6. SETTING UP THE APPLIANCE



  Make sure the steam knob is on 0 pos.



- When using the machine for the first time, 4-5 coffees will need to be made before it starts giving satisfactory results.
- The first time you use the machine, the water circuit is empty and the appliance could be very noisy. The noise becomes less as the circuit fills.
- Possible traces of coffee in the grinder are the result of settings tests performed on the appliance before sale, proof of the meticulous care and attention we invest in our products.

## 7. TURNING THE MACHINE ON AND OFF

- Each time the appliance is turned on, it performs an automatic preheat and rinse cycle which cannot be interrupted. The appliance is not ready for use until the cycle has been completed.
- Whenever the machine is turned off after being used to make coffee, it performs an automatic rinse cycle.

### **Danger of scalding!**

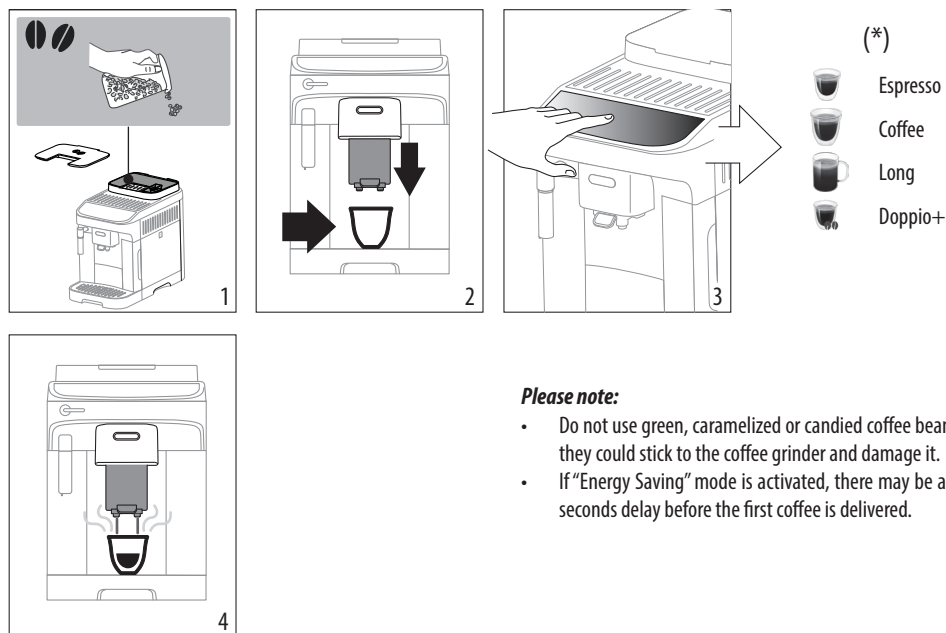
During rinsing, a little hot water flows from the coffee spouts. Take care to avoid contact with splashes of water.

- To turn the appliance on or off, press the  button.

If you will not be using the appliance for some time, unplug it from the mains socket:

## 8. MAKING COFFEE

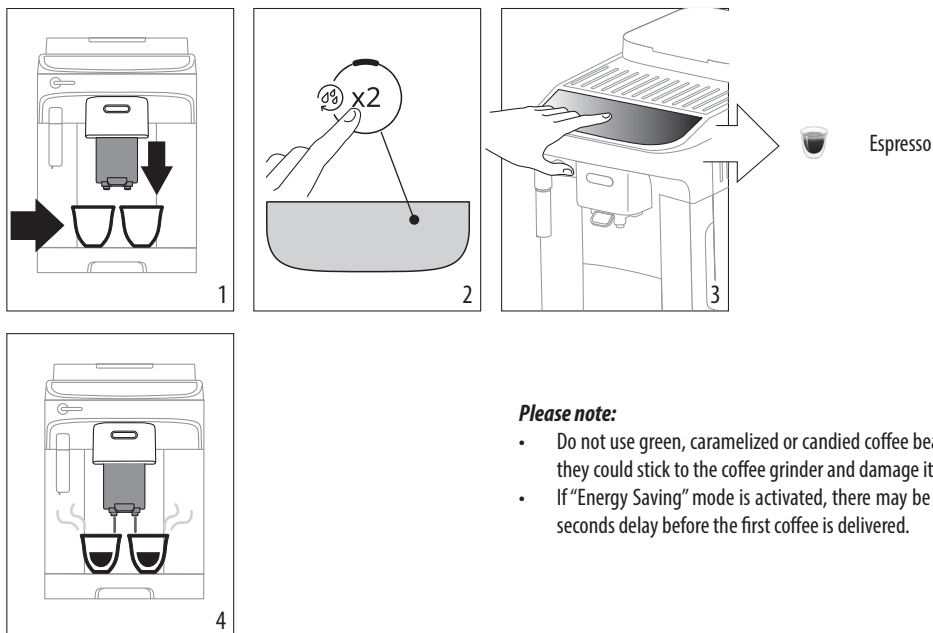
### 8.1 Making 1 cup of coffee using coffee beans



### **Please note:**

- Do not use green, caramelized or candied coffee beans as they could stick to the coffee grinder and damage it.
- If "Energy Saving" mode is activated, there may be a few seconds delay before the first coffee is delivered.

## 8.2 Making 2 cups of coffee using coffee beans






### **Please note:**

- Do not use green, caramelized or candied coffee beans as they could stick to the coffee grinder and damage it.
- If "Energy Saving" mode is activated, there may be a few seconds delay before the first coffee is delivered.

## 8.3 Varying the coffee strength

1. Press the button corresponding to the preferred strength:

	Mild
	Medium
	Strong


2. Select the desired coffee beverage.

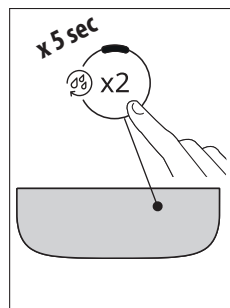
### **Please note:**

- When the next coffee is made, the machine will propose the last strength selected.
- In the event of power failure, the machine will revert to the medium default setting.

## 8.4 Rinsing

Use this function to deliver hot water from the coffee spouts to clean and heat the appliance's internal circuit.

To perform the rinse cycle, just press and hold the  button for about 5 seconds. Delivery stops automatically (to interrupt delivery earlier, press the same button again).



## 8.5 Tips for a hotter coffee



To make a hotter coffee, proceed as follows:

- perform a rinse cycle (see paragraph "8.4 Rinsing";
- use warmed cups (i.e. rinse them with hot water before use)
- increase the coffee temperature (see section "15. Settings menu").

## 8.6 Adjusting the coffee grinder

The coffee grinder is set by default to prepare coffee correctly and should not require regulating initially.

To adjust, while the coffee grinder is in operation, turn the dial as follows:






<p>If the coffee is over-extracted, delivery too slowly or not at all, you need a more coarse ground setting. This adjustment will not take effect until at least 2 cups of coffee have been delivered.</p>	<p>Turn one click towards "7"</p> 
<p>If the coffee is under-extracted, delivery too fast and has no crema, you need a finer ground setting. This adjustment will not take effect until at least 2 cups of coffee have been delivered.</p>	<p>Turn one click towards "1"</p> 

**Please note:**

The grinding adjustment dial must only be turned when the coffee grinder is in operation during the initial phase of coffee preparation.

### 8.7 Customizing the quantity in the cup

1. Press and hold for few seconds the button relative to the beverage you want to customize: the programming starts when the indicator light blinks fast and coffee delivery begins;
2. Once the cup is filled to the desired level, press the beverage button again. Delivery stops and the quantity is saved in the memory.

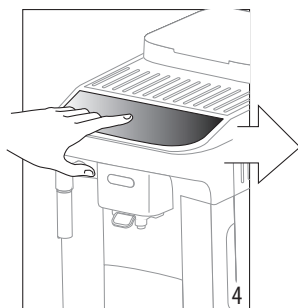
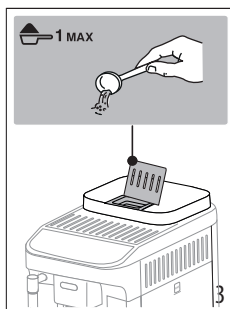
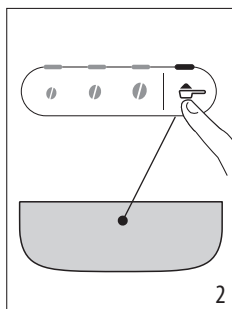
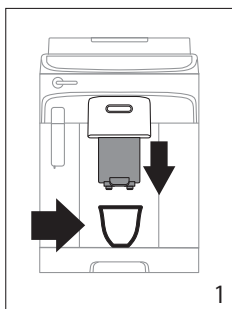
Beverage*	Default (fl oz / ml)	Programmable (fl oz / ml)
 Espresso	1.35 / 40	from $\approx 0.68 / 20$ to $\approx 6.08 / 180$
 Coffee	6.08 / 180	from $\approx 3.38 / 100$ to $\approx 8.11 / 240$
 Long	5.41 / 160	from $\approx 3.89 / 115$ to $\approx 8.45 / 250$
 Doppio+	4.05 / 120	from $\approx 2.70 / 80$ to $\approx 6.08 / 180$
 Over ice	3.38 / 100	from $\approx 1.35 / 40$ to $\approx 8.11 / 240$

(\*) Number and type of recipes may vary depending on the model

**Please note!**

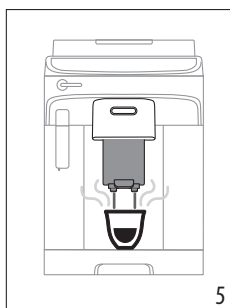
To cancel the current programme, press a button corresponding to another beverage

### 8.8 Making coffee using pre-ground coffee







(\*)

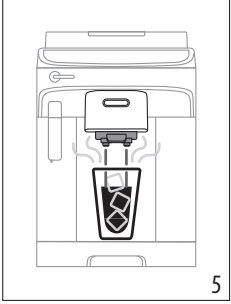
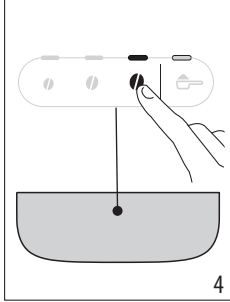
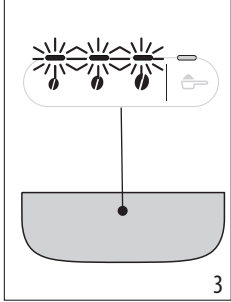
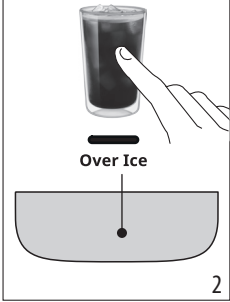
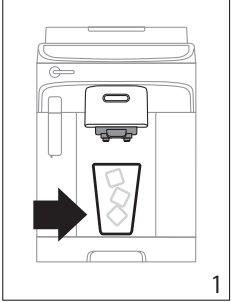
-  Espresso
-  Coffee
-  Long



**Please note:**

- Never add pre-ground coffee when the machine is off or it could spread through the inside of the machine and dirty it. This could damage the machine.
- Never use more than one measuring spoon as it could dirty the inside of the machine or block the funnel.
- Making  **LONG** coffee: halfway through preparation, when the  +  lights come on, add one measuring spoon of pre-ground coffee and press the Long button again.
- You cannot make  **Doppio+** coffee using pre-ground coffee.

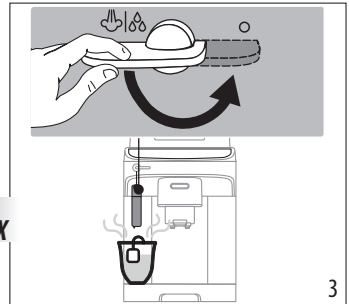
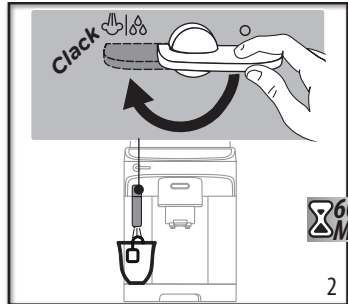
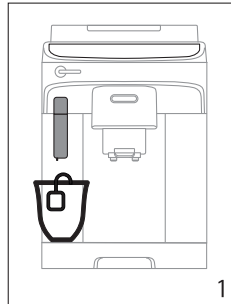
9. MAKING OVER ICE 



**Please note:**

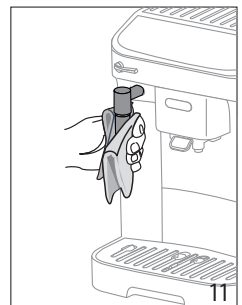
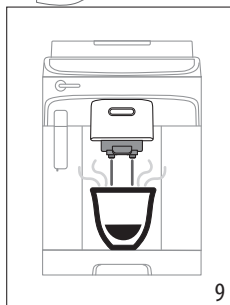
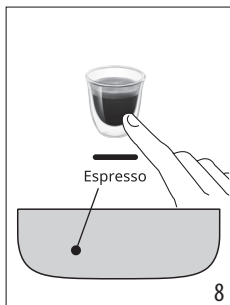
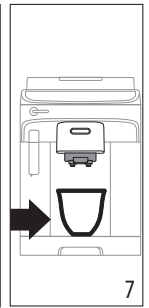
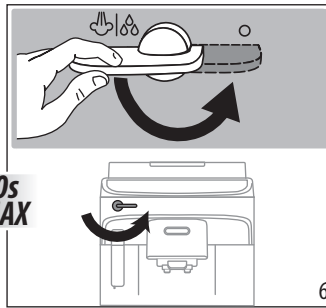
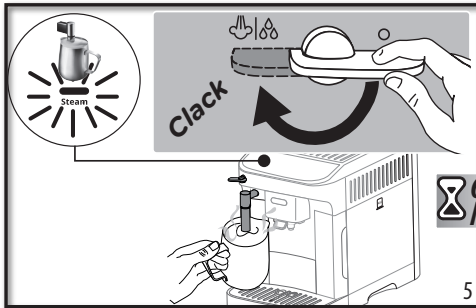
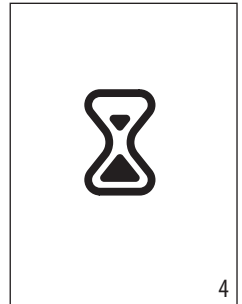
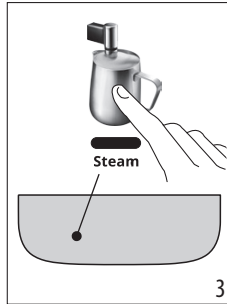
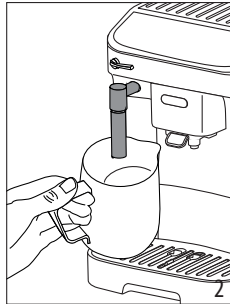
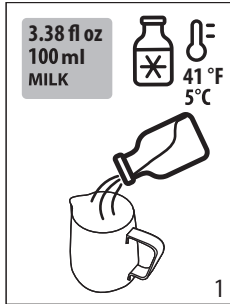
- Strong strength selection is recommended.
- Always use glasses resistant to thermal shock.

10. MAKING HOT WATER 



## 11. MAKING CAPPUCCINO

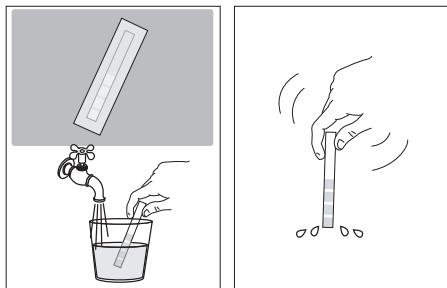
- To make one cappuccino fill a stainless steel jug with about 3.38 Fl oz / 100 ml of cold milk. When choosing the size of the container, bear in mind that the milk doubles or triples in volume.
- For a richer, denser froth, use skimmed or partially skimmed milk at refrigerator temperature (about 41°F/5°C). Clean the cappuccino maker every time after use. This will also help to ensure the best froth result and avoid large bubbles.
- The quality of the froth may vary depending on:
  - the type of milk or plant based alternatives;
  - the brand used;
  - the ingredients and nutritional values.



## 12. MEASURING WATER HARDNESS

The descaling alarm is displayed after a period of time established according to water hardness. The machine is set by default for a hardness value of "4". The machine can also be programmed according to the hardness of the water supply in the various regions, so that descaling is required less often.

1. Remove the indicator paper from its packaging. If provided with your model, you will find it attached to the Quick Guide.
2. Immerse the paper completely in a glass of water for about one second.



3. Remove the strip from the water and shake lightly. After about a minute, 1, 2, 3, or 4 red squares appear, depending on the hardness of the water. Each square corresponds to one level.

Total Hardness Test	Hardness
	<b>1</b> Low
	<b>2</b> Medium
	<b>3</b> Medium/High
	<b>4</b> High

See instructions in section "15. Settings menu" to set the machine.

## 13. WATER SOFTENER FILTER

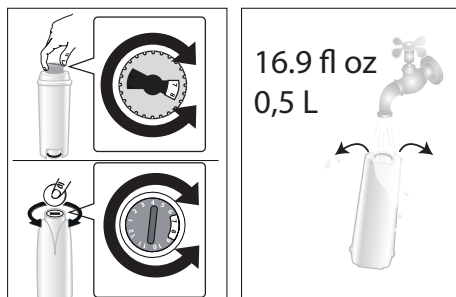
To ensure constant performance of the machine over time, we recommend using a De'Longhi water softener filter.

For more information, visit the [www.delonghi.com](http://www.delonghi.com) website.

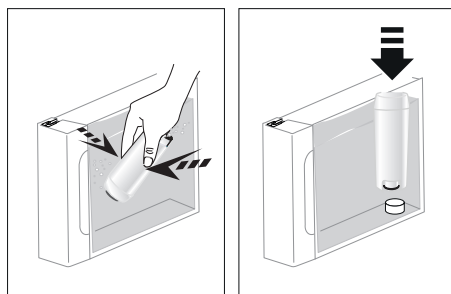
**WaterFilter** EAN: 8004399327252

To use the filter correctly, follow the instructions below.

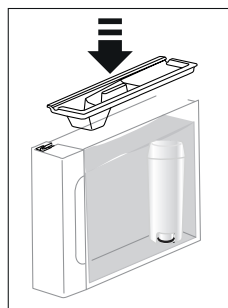
1. Remove the filter from the packaging and turn the date indicator to view the next two months;



2. To activate the filter, run tap water through the hole in the center of the filter until water comes out of the openings at the side for more than a minute;
3. Extract the water tank and fill with water; insert the filter in the water tank and immerse it completely for about ten seconds, sloping it and pressing it lightly to enable the air bubbles to escape;

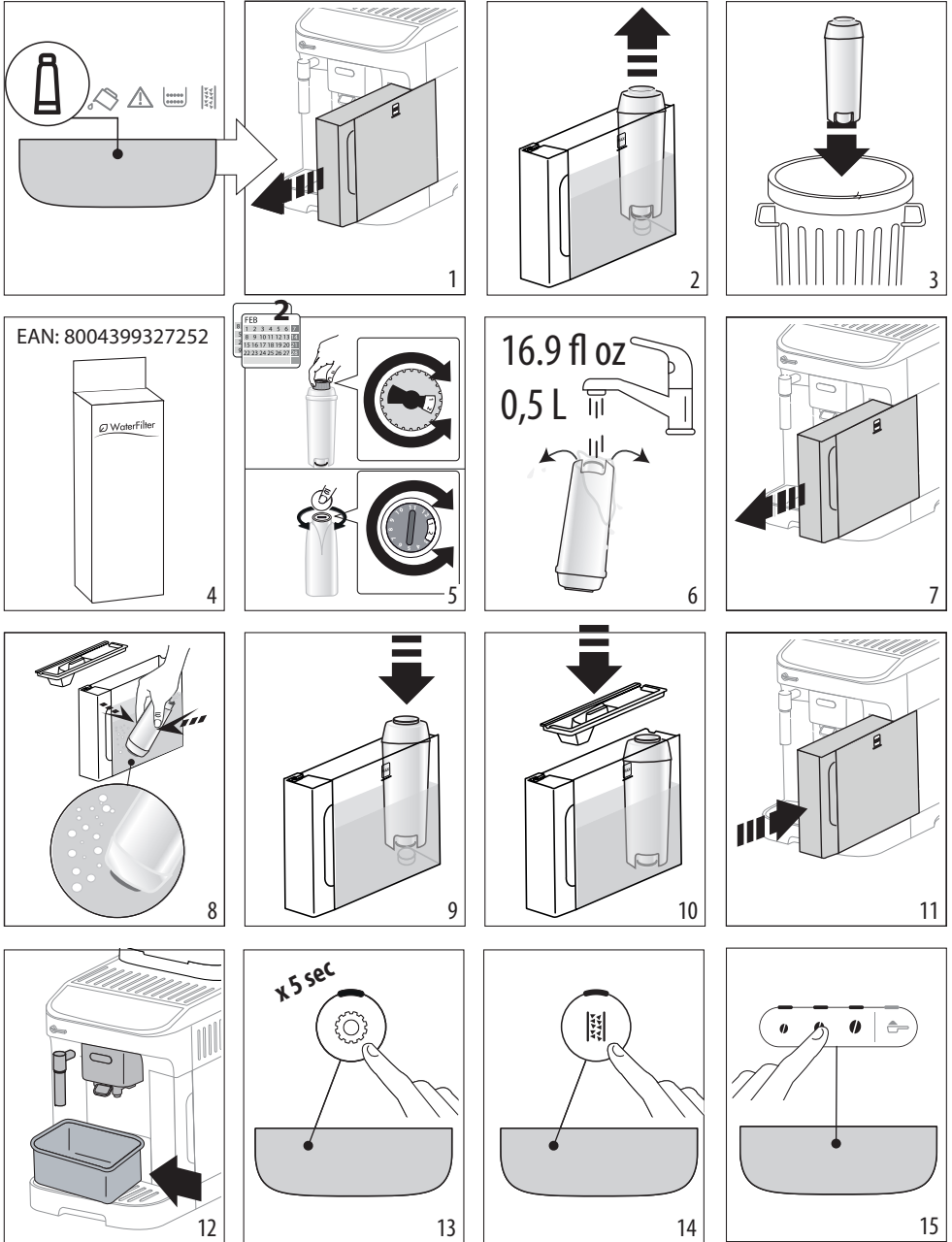


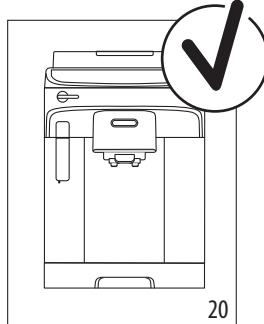
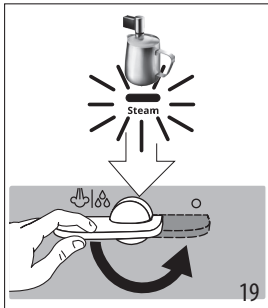
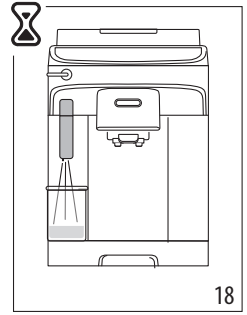
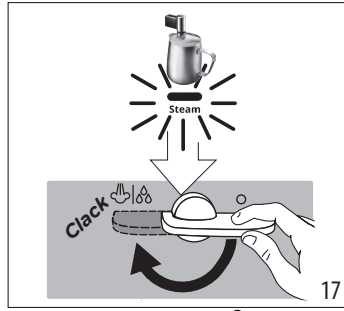
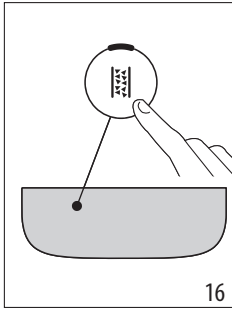
4. Insert the filter in the filter housing and press as far as it will go;
5. Close the tank with the lid, then put the tank back in the machine;



6. Place an empty container with a minimum capacity of 16.9 fl oz / 0.5 liters under the steam/hot water spout.
7. See instructions in section "15. Settings menu" to install the filter.
8. The appliance delivers hot water, then stops automatically;
9. The filter is now active and you can use the coffee machine.

### 13.1 Replacing the filter





**Please note:**

After two months (see date indicator) or when the appliance has not been used for 3 weeks, you should replace the filter even if the message has not yet been displayed.

**13.2 Removing the filter**

If you want to use the appliance without the filter, you must remove it and notify the appliance of its removal.

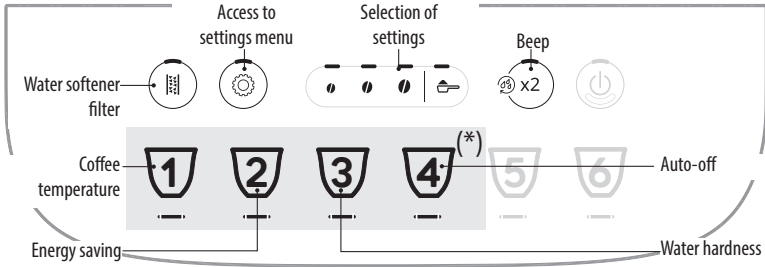
1. Extract the water tank and exhausted filter;
2. See instructions in section "15. Settings menu" to set the machine.

**14. TIPS FOR ENERGY SAVING**

- Set auto-off to 15 minutes (see "15. Settings menu");
- Enable Energy Saving (see "15. Settings menu");
- Always carry out the descaling cycle when prompted by the machine.















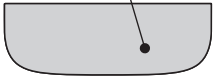





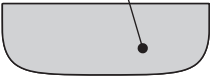








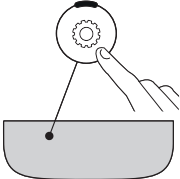

## 15. SETTINGS MENU

When in the menu, use the active buttons to select the corresponding functions:

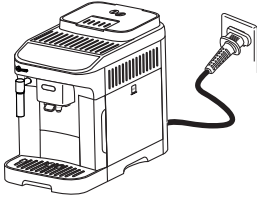

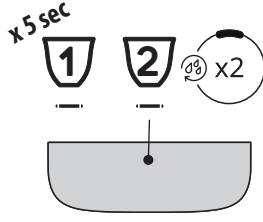
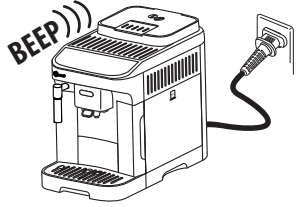


(\*) Beverages differ according to model

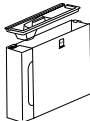
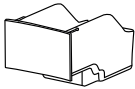
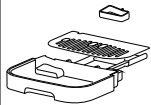




1. Access the menu:			
			<p>Press and hold the  button for 5 seconds: the settings buttons light up. Proceed by pressing the button corresponding to the setting to be adjusted.</p>
2. Adjust the machine settings:			
<p><b>Water softener filter</b></p>	<p>Press one of the bean symbols to install or replace the water softener filter</p>	<p>INSERTED</p>	<p><b>Confirm selection</b></p>
	<p>Press the pre-ground symbol to remove the water softener filter</p>	<p>REMOVED</p>	
<p><b>Beep</b></p>	<p>Press one of the bean symbols to enable the beep</p>	<p>ON</p>	<p><b>Confirm selection</b></p>
	<p>Press the pre-ground symbol to disable the beep</p>	<p>OFF</p>	
			→

<p><b>Coffee temperature</b></p>  	<p>Press the bean symbol corresponding to the required temperature</p>	<p><b>LOW</b></p>  <p><b>MEDIUM</b></p>  <p><b>HIGH</b></p> 	<p><b>Confirm selection</b></p>  
<p><b>Energy saving</b></p>  	<p>Press one of the bean symbols to enable energy saving</p> <p>Press the pre-ground symbol to disable energy saving</p>	<p><b>ON</b></p>  <p><b>OFF</b></p> 	<p><b>Confirm selection</b></p>  
<p><b>Water hardness</b></p>  	<p>Press the symbol corresponding to the level to set</p>	<p><b>LEVEL 1</b></p>  <p><b>LEVEL 2</b></p>  <p><b>LEVEL 3</b></p>  <p><b>LEVEL 4</b></p> 	<p><b>Confirm selection</b></p>  
<p><b>Auto-off</b></p>  	<p>Press the symbol corresponding to the time to set</p>	<p><b>15 MINUTES</b></p>  <p><b>30 MINUTES</b></p>  <p><b>1 HOUR</b></p>  <p><b>3 HOURS</b></p> 	<p><b>Confirm selection</b></p>  
<p><b>3. Exit the menu:</b></p>			
	<p>Press the  button: The machine is ready for use again.</p> <p><b>Please note!</b> The machine exits the settings menu automatically if there is no activity for 30 seconds.</p>		

## 15.1 Reset default values

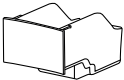

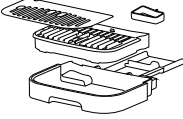
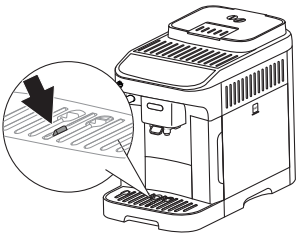
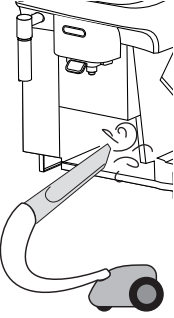

<p>Make sure the machine is in stand-by (off, but connected to the mains power supply).</p>	
<p>Press the buttons corresponding to beverages <b>1</b>, <b>2</b> and  x2 and hold for 5 seconds.</p>	
<p>The machine emits a long beep and all the lights flash to confirm the reset. All the settings and beverage quantities are reset to the default values.</p>	

## 16. CLEANING THE MACHINE

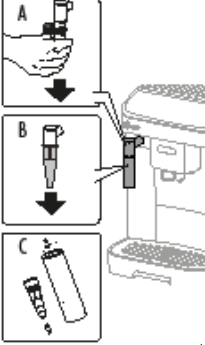
					
 50°C	✗	✗	✗	✓	✓
	✓	✓	✓	✓	✓

### Important!

- Do not use solvents, abrasive detergents or alcohol to clean the coffee machine.
- Do not use metal objects to remove residues or coffee deposits as they could scratch metal or plastic surfaces.

Component	Frequency	Procedure
<p>Grounds container</p> 	<p>When the  light comes on, the grounds container must be emptied and the machine can no longer make coffee.</p> <p>The appliance cannot be used to make coffee until you have cleaned the grounds container. Even if not full, the empty grounds container message is displayed 72 hours after the first coffee has been prepared. For the 72 hours to be calculated correctly, the machine must never be disconnected from the mains power supply.</p>	<ul style="list-style-type: none"> <li>Remove the drip tray, empty and clean.</li> <li>Empty the grounds container and clean thoroughly to remove all residues left on the bottom.</li> <li>Check the red condensate tray and empty if necessary.</li> </ul>
<p>Drip tray components</p> 	<p>The drip tray is fitted with a level indicator (red) showing the level of water it contains.</p> <p>Before the indicator protrudes from the cup tray, the drip tray must be emptied and cleaned</p> 	<ul style="list-style-type: none"> <li>Remove the drip tray and grounds container;</li> <li>Remove the cup tray and drip tray grille, then empty the drip tray and grounds container and wash all the components;</li> <li>Check the red condensate tray and empty if necessary;</li> <li>Replace the drip tray complete with grille and the grounds container.</li> </ul> <p>When removing the drip tray, the grounds container must be emptied, even if it contains only a few grounds.</p>
<p>Inside of the machine</p> 	<p>Check periodically (about once a month) that the inside of the appliance (accessible by removing the drip tray) is not dirty.</p>	<p>Switch the machine off and disconnect from the power supply. Never immerse the machine in water.</p> <ul style="list-style-type: none"> <li>Remove coffee deposits with a brush or sponge;</li> <li>Remove all residues with a vacuum cleaner</li> </ul>
<p>Coffee spouts</p> 	<p>Clean the coffee spouts regularly (once a month)</p>	<ul style="list-style-type: none"> <li>Clean the coffee spouts regularly with a sponge or cloth;</li> <li>Check the holes in the coffee spout are not blocked. If necessary, remove coffee deposits with a toothpick.</li> </ul>




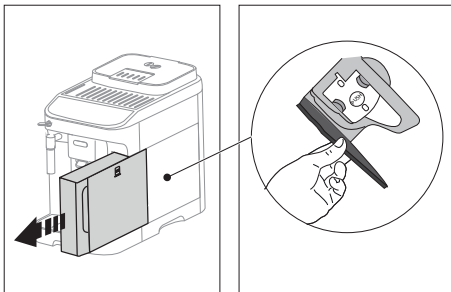
Component	Frequency	Procedure
<p data-bbox="87 129 188 148">Steam wand</p> 	<p data-bbox="297 129 600 209">Clean the cappuccino maker after use to avoid the build-up of milk residues or blockages.</p>	<ul style="list-style-type: none"> <li data-bbox="622 129 1032 264">• Place a container under the cappuccino maker and deliver a little water for a few seconds by rotating the steam dial to the I position. Then turn the steam dial to the 0 position to stop the flow of hot water.</li> <li data-bbox="622 272 1032 408">• Wait a few minutes for the steam wand to cool down. Grip the handle of the cappuccino maker tube firmly in one hand and with the other rotate the cappuccino maker anticlockwise, then remove by pulling downwards (fig. A).</li> <li data-bbox="622 416 1032 464">• Also remove the steam nozzle by pulling it downwards (fig. B)</li> <li data-bbox="622 472 1032 520">• Make sure the two holes shown by the arrow are not blocked. If necessary, clean with a pin (fig. C).</li> <li data-bbox="622 528 1032 576">• Wash all parts of the cappuccino maker thoroughly with a sponge and warm water.</li> <li data-bbox="622 584 1032 655">• Replace the nozzle and put the steam/hot water wand back on the nozzle, pushing it and turning it upwards until it is attached.</li> </ul>

## 17. CLEANING THE INFUSER

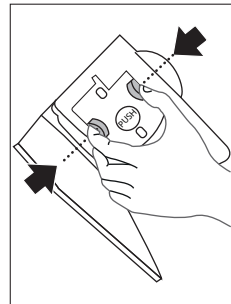
### **Important!**

The infuser cannot be extracted while the machine is on.

1. Press the  button to turn the machine off;
2. Remove the water tank;
3. Open the infuser door on the right side of the machine;



4. Press the two colored release buttons inwards, at the same time pulling the infuser outwards;



5. Soak the infuser in water for about 5 minutes, then rinse under the tap;

### **Important!**

RINSE WITH WATER ONLY

NO DETERGENTS - NO DISHWASHER

6. Do not use detergents when cleaning the infuser, as they could damage it.
7. Use the brush to remove any coffee residues left in the infuser housing, visible through the infuser door;
8. After cleaning, replace the infuser by sliding it onto the internal support, then push the PUSH symbol fully in until it clicks into place;

### **Please note:**

If the infuser is difficult to insert, before insertion, position it correctly by pressing the two levers.

## 18. DESCALING

Descal the appliance when the corresponding light  turns on. Promptly descaling the unit when required will ensure best performances and increase the lifespan of the machine.

To descale	
Descaler	De'Longhi descaler
Container	Recommended capacity: 67.62 fl oz / 2 l
Time	~45min

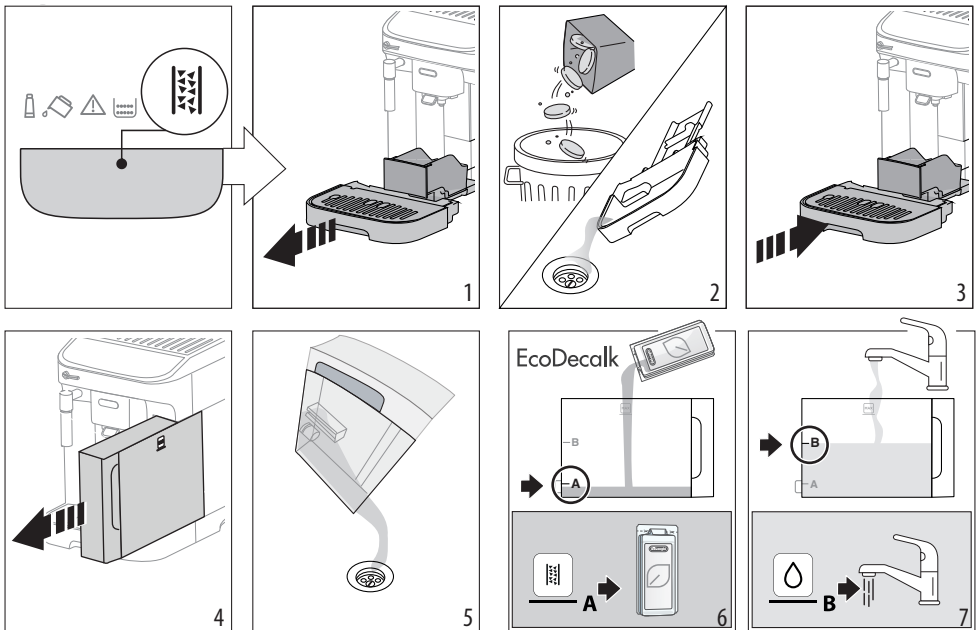
- Before use, read the instructions and the labelling on the descaler pack.
- Use De'Longhi descaler only. Using unsuitable descaler and/or performing descaling incorrectly may result in faults not covered by the manufacturer's guarantee.
- Descaler can cause damage to delicate surfaces. If the product is accidentally spilt, dry immediately.

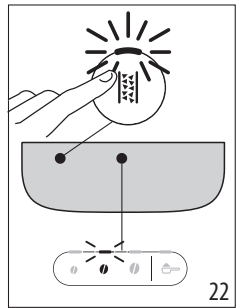
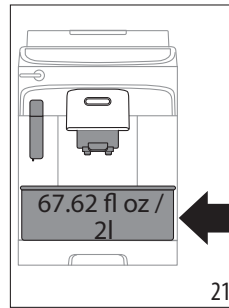
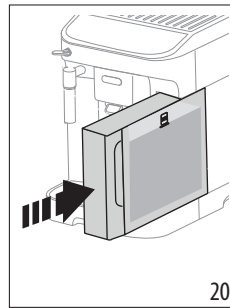
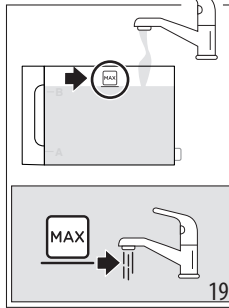
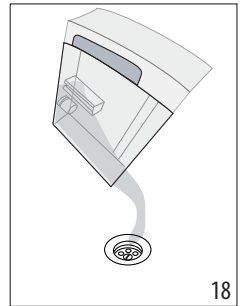
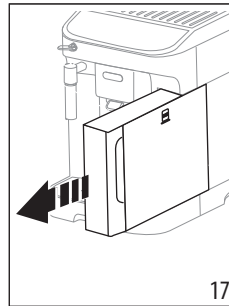
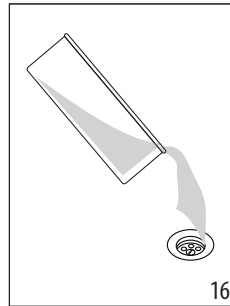
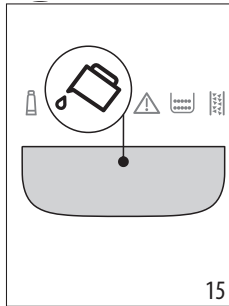
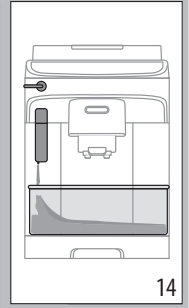
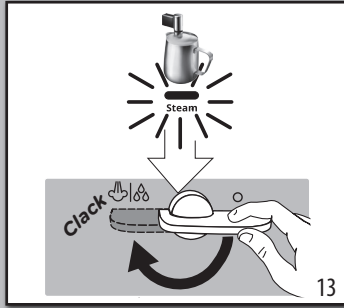
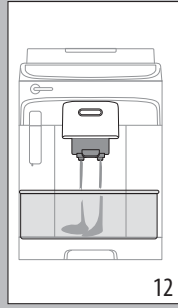
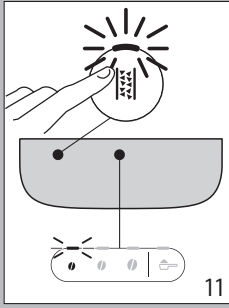
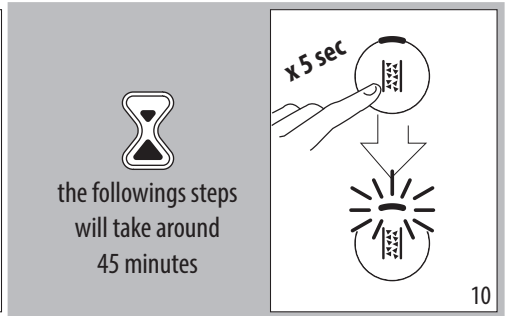
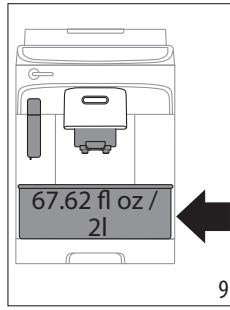
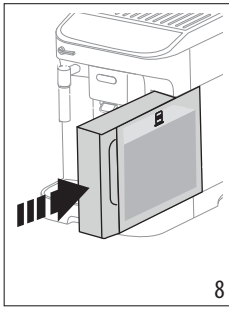
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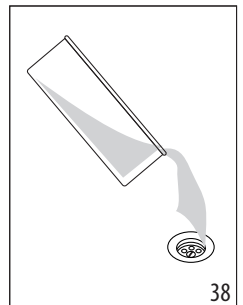
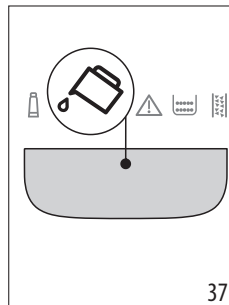
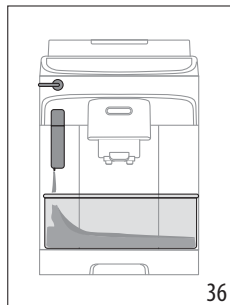
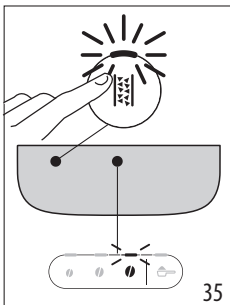
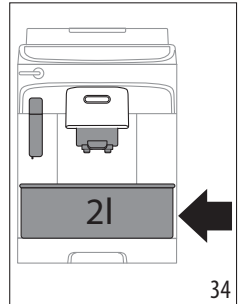
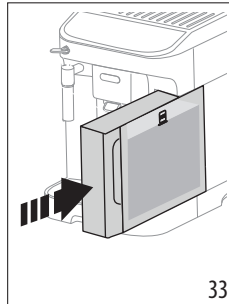
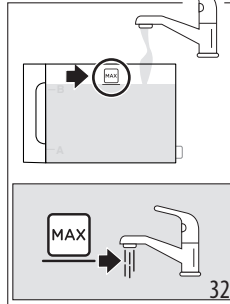
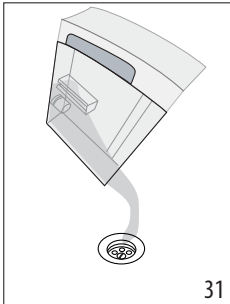
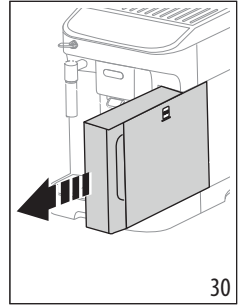
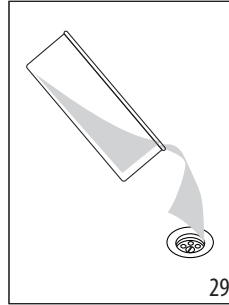
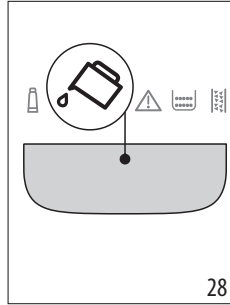
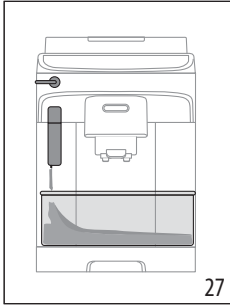
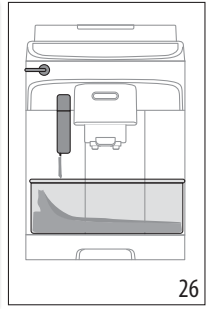
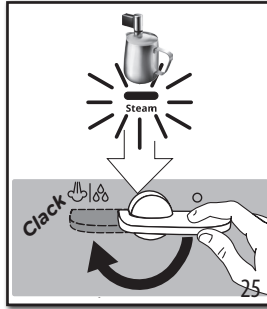
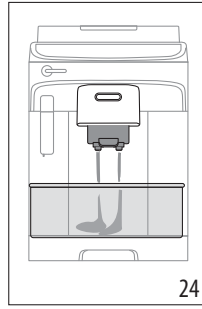
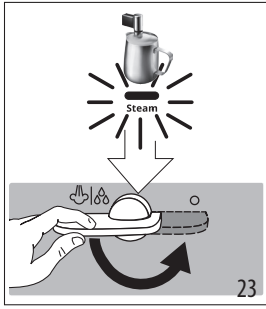
If the water softener filter is installed, it must be removed before adding the descaler solution. Put the filter back in the machine after the first tank of rinsing has been completed.

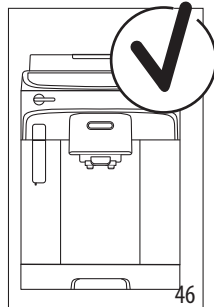
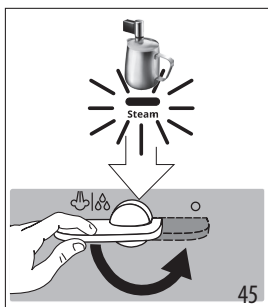
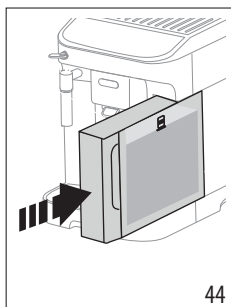
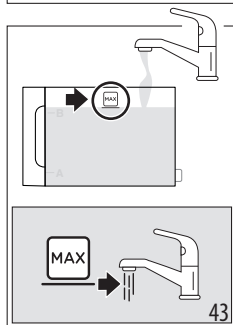
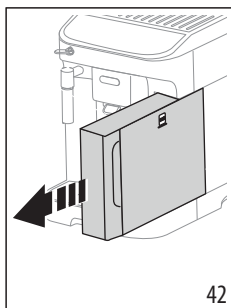
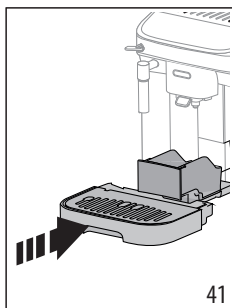
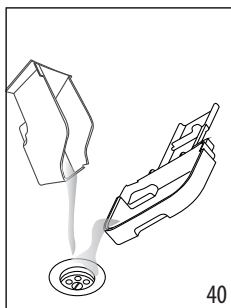
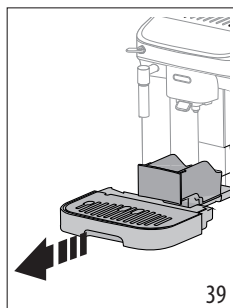
### Please note:

- Once the descaling cycle has begun, it cannot be interrupted and must be completed with the entire rinse cycle.
- If the descaling cycle is not completed correctly (e.g. electrical power failure), when switched on again, the machine resumes the cycle starting from the interrupted step: refer to the strength indicator lights;
- After descaling, it is normal for the grounds container to contain water.
- If the water tank has not been filled to the MAX level after descaling, the appliance prompts for a third rinse to ensure that the descaler solution has been completely eliminated from the machine's internal circuits. Before starting rinsing, remember to empty the drip tray.

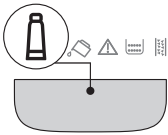
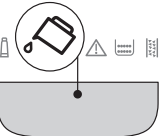


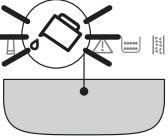





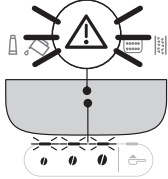
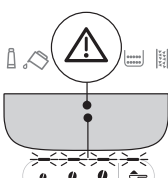
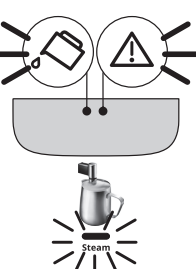


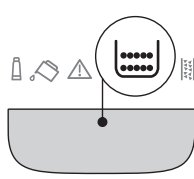
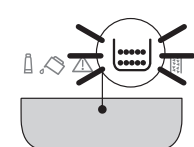
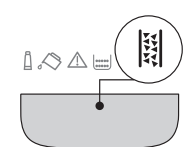
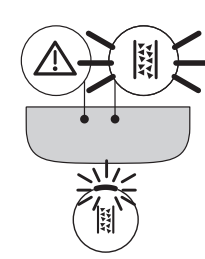




## 19. EXPLANATION OF INDICATOR LIGHTS

Light	Meaning
The beverage lights flash	The machine is warming up: wait
The beverage and settings lights are on steadily	The machine is ready for use: select the desired beverage and relative options
	Replace the filter (see section "13. Water softener filter")
	Insufficient water in tank: fill the tank
→	

Light	Meaning
	The water tank is missing, or is not positioned correctly: insert the tank correctly
	General alarm: the inside of the machine is very dirty. Clean the machine thoroughly. If the message is still displayed after cleaning, contact De'Longhi Customer Services.
	The infuser has not been replaced after cleaning: insert the infuser as described in section "17. Cleaning the infuser"
→	



Light	Meaning
	<p>No coffee beans: fill the beans container, then press any button to reset the alarm.</p>
	<p>The grinding is too fine and the coffee is delivered too slowly or not at all. Adjust the coffee grinder (section "8.6 Adjusting the coffee grinder"r")</p>
	<p>Too much coffee has been used. Select a milder taste or reduce the quantity of pre-ground coffee</p>
	<p>The water circuit is empty. Press the "Steam" button</p>
→	


Light	Meaning
	<p>The grounds container needs emptying</p>
	<p>The grounds container is missing, or not inserted correctly: insert the drip tray complete with grounds container and press as far as it will go</p>
	<p>Descaling is required (see section "18. Descaling")</p>
	<p>Descaling has been interrupted. To use the machine again:</p> <ol style="list-style-type: none"> <li>1. Press the  button;</li> <li>2. If the steam dial is in the <b>0</b> position, turn it to the  position; delivery will begin and descaling will resume from Fig. 14 (see section "18. Descaling")</li> </ol>

## 20. TROUBLESHOOTING

Below is a list of some of the possible malfunctions.

If the problem cannot be resolved as described, contact customer services.

PROBLEM	POSSIBLE CAUSE	REMEDY
The appliance does not turn on.	It is not plugged into the mains socket.	Plug into the mains socket.
The coffee is not hot.	The cups were not preheated.	Warm the cups by rinsing them with hot water (Please note: you can use the hot water function).
	The internal circuits of the appliance have cooled down because 2-3 minutes have passed since the last coffee was made.	Before making coffee, press and hold the  button for 5 seconds to perform a rinse cycle and warm the internal circuits.
	Coffee temperature setting too low.	Set a hotter coffee temperature in the settings menu (see "15. Settings menu").
	The machine must be descaled	Carry out the descale procedure. Next, check the water hardness ("12. Measuring water hardness") and make certain the machine setting matches the local water supply hardness ("15. Settings menu").
The coffee is under extracted, weak or not creamy enough.	The coffee is ground too coarsely.	Adjust the grinding level ("8.6 Adjusting the coffee grinder"r"). The effect is not visible until at least 2 coffees have been made.
	The coffee is unsuitable.	Use coffee for espresso machines.
	Coffee not fresh.	The coffee pack has been opened for too long and has lost its taste.
The coffee is delivered too slowly or drop by drop (over extracted).	The coffee is ground too finely.	Adjust the grinding level ("8.6 Adjusting the coffee grinder"r"). The effect is not visible until at least 2 coffees have been made.
The machine does not make coffee	Impurities have been detected in the internal circuits	Wait until the machine is ready for use again, and proceed to select the required beverage. Contact customer services if the problem persists.
Coffee does not come out of one or both spouts.	The coffee nozzles are blocked.	Clean the nozzles with a cloth. Any residues can be removed with a toothpick, if necessary.
The coffee delivered is watery.	The pre-ground coffee funnel is clogged.	Open the door and clean the funnel with the help of a brush.
The infuser cannot be extracted.	The machine has not been turned off.	Turn the machine off by pressing the  button.
At the end of descaling, the appliance requests a third rinse	Water tank not filled to the MAX level during the course of the two rinse cycles	Empty the drip tray, fill the tank up to the MAX level and run the third rinse cycle.
→		

<b>PROBLEM</b>	<b>POSSIBLE CAUSE</b>	<b>REMEDY</b>
The frothed milk has big bubbles	The milk is not cold enough.	Use milk at refrigerator temperature (about 41°F/ 5° C). See section “11. making cappuccino  ” for more details.
	Steam wand dirty.	Remove the components and clean them thoroughly.
	Plant based alternative milk has been used.	The effect varies widely depending on the nutritional properties of the milk.
The cup tray on top of the machine is hot	A number of beverages have been prepared in rapid succession	
The machine emits noises or small puffs of steam while not in use	The machine is ready for use, or has recently been turned off, and condensate is dripping into the hot vaporiser.	This is part of normal operation. To limit this from happening, empty the drip tray.
The appliance emits puffs of steam from the drip tray and/or there is water on the surface the appliance rests on.	The drip tray grille has not been replaced after cleaning.	Put the drip tray grille back in the drip tray.

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