
ECAM372.95

DINAMICA
plus

BEAN TO CUP ESPRESSO AND
CAPPUCCINO MACHINE

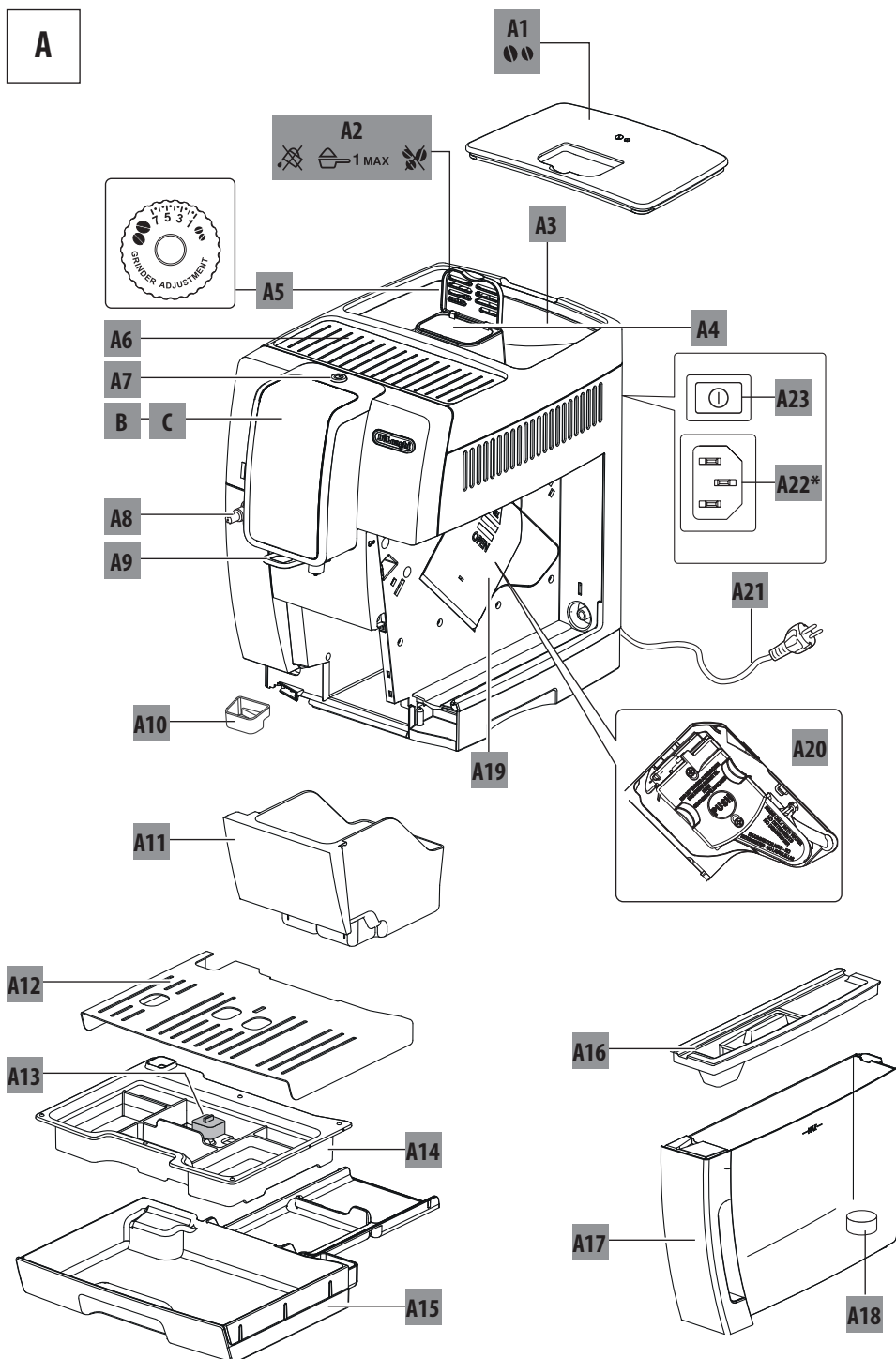
Instructions for Use

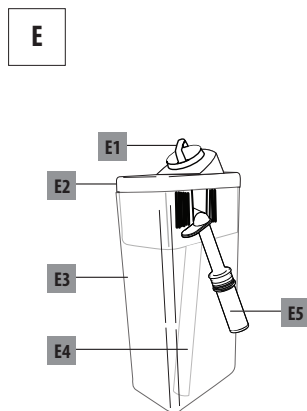
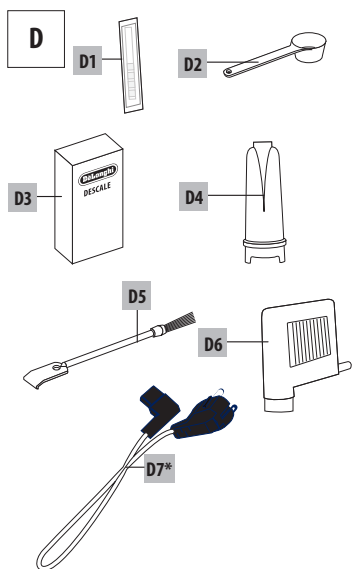
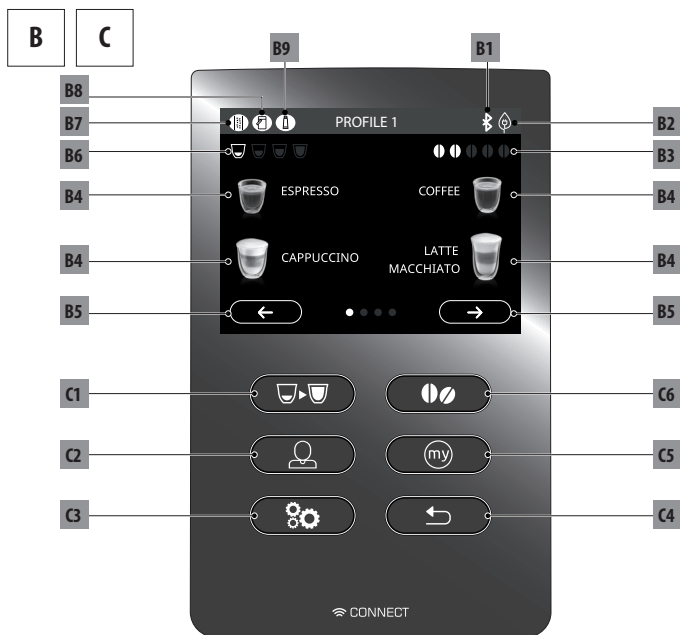
Instructions videos available at:
<http://dinamicaplus.delonghi.com>



De'Longhi

A





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1. INTRODUCTION

Thank you for choosing this bean to cup espresso and cappuccino machine.

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

1.1 Letters in brackets

The letters in brackets refer to the legend in the description of the appliance on pages 2-3.

1.2 Troubleshooting and repairs

In the event of problems, first try and resolve them by reading the information given in sections "18. Displayed messages" and "19. Troubleshooting".

If this does not resolve the problem or you require further information, you should consult Customer Services by calling the number given on the annexed "Customer Service" sheet.

If your country is not among those listed on the sheet, call the number given in the guarantee. If repairs are required, contact De'Longhi customer services only. The addresses are given in the guarantee certificate provided with the machine.

1.3 Download the App!



A number of functions can be controlled remotely using the De'Longhi Coffee Link App.

In the App, you can also find information, tips and curious facts about the world of coffee, together with information on your machine at your fingertips.



This symbol highlights the functions you can control or consult using the App.

You can also create new beverages and save them in your appliance.

Please note:

Check compatible devices on "compatibledevices.delonghi.com".

2. DESCRIPTION

2.1 Description of the appliance (page 2 - A)

- A1. Beans container lid
- A2. Pre-ground coffee funnel lid
- A3. Beans container
- A4. Pre-ground coffee funnel

- A5. Grinding adjustment dial
- A6. Cup shelf
- A7. button: to turn the appliance on and off (standby)
- A8. Hot water connection nozzle
- A9. Coffee spouts (adjustable height)
- A10. Condensate tray
- A11. Coffee grounds container
- A12. Cup tray
- A13. Drip tray water level indicator
- A14. Tray grille
- A15. Drip tray
- A16. Water tank lid
- A17. Water tank
- A18. Water softener filter housing
- A19. Infuser door
- A20. Infuser
- A21. Power cord
- A22. *Power cord connector socket (certain models only)
- A23. Main switch

2.2 Description of the homepage (main screen)

(page 3 - B)

- B1. Bluetooth active symbol
- B2. Energy Saving active symbol
- B3. Selected aroma
- B4. Directly selected beverages
- B5. Scroll arrow
- B6. Quantity selected
- B7. Descal required alarm
- B8. Milk container needs cleaning alarm
- B9. Filter needs replacing alarm

2.3 Description of the control panel (page 3 - C)

- C1. : beverage quantity selection
- C2. : profile selection
- C3. : appliance settings menu
- C4. : press to exit from the selected function and go back to the main menu
- C5. : My beverages selection menu. Unless previously programmed from the settings menu as described in chapter "11. Customising the beverages", the beverage is programmed directly the first time you use the appliance
- C6. : beverage aroma selection

2.4 Description of the accessories (page 3 - D)

- D1. "Total Hardness Test" indicator paper
- D2. Pre-ground coffee measure
- D3. Descaler (certain models only)
- D4. Water softener filter (certain models only)

- D5. Cleaning brush
- D6. Hot water spout
- D7. *Power cord (certain models only)

2.5 Description of the milk container (page 3 - E)

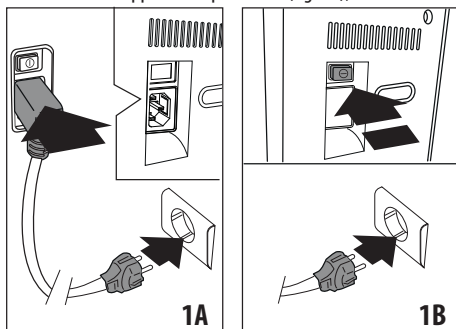
- E1. Froth adjustment and CLEAN dial
- E2. Milk container lid
- E3. Milk container
- E4. Milk intake tube
- E5. Frothed milk spout (adjustable)

3. SETTING UP THE APPLIANCE

Please note!

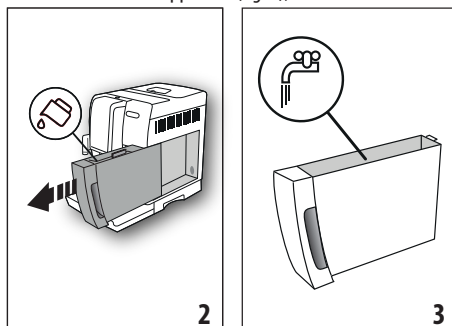
- The first time you use the machine, the water circuit is empty and the appliance could be very noisy. The noise becomes less as the circuit fills.
- Coffee has been used to factory test the appliance and it is therefore completely normal for there to be traces of coffee in the mill. The machine is, however, guaranteed to be new.
- You should customise water hardness as soon as possible following the instructions in section "15. Setting water hardness".

1. Models with removable power cord: plug the power cord (D7*) connector into the socket (A22*) at the back of the appliance and connect the appliance to the mains electricity supply, making sure that the main switch (A23) at the back of the appliance is pressed in (fig. 1A);



2. Models with fixed power cord: connect the appliance to the mains electricity supply and make sure that the main switch (A23) at the back of the appliance is pressed in (fig. 1B);
3. To select the language of the display, press and hold **Next >** until the required language appears on the display, then press the flag corresponding to the language. Now follow the instructions indicated on the display of the appliance:

4. Remove the water tank (A17) (fig. 2), fill to the MAX line (marked on the tank) with fresh water (fig. 3), then put the tank back in the appliance (fig. 4);

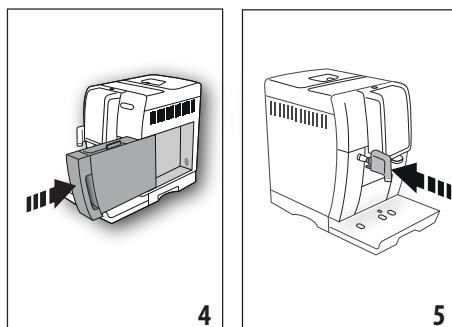


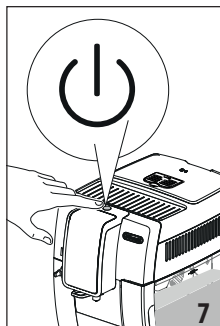
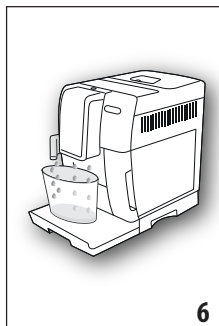
5. Make sure the hot water spout (D6) is attached to the connection nozzle (A8) (fig. 5) and place a container with a minimum capacity of 200 ml under the coffee spouts (A9) and hot water spout (fig. 6);
6. Press **Ok ✓** to confirm. The appliance delivers water from the spout.
7. At the end of delivery, the appliance proceeds with heating by performing a rinse cycle, delivering hot water from the coffee spouts.

The coffee machine is now ready for normal use.

Please note!

- The first time you use the appliance, you need to make 4 - 5 cappuccinos before it starts to give satisfactory results.
- When making the first 4 - 5 cappuccinos, it is normal to hear the noise of boiling water. After this, the noise becomes less.
- To improve the performance of your appliance, we recommend installing a water softener filter (D6) as described in section "16. Water softener filter". If your model is not provided with a filter, you can request one from De'Longhi customer services.






4. TURNING THE APPLIANCE ON

Please note!

- Before turning the appliance on, make sure the main switch (A23) is pressed in (fig. 1B).
- 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.

1. To turn the appliance on, press the  button (A15) (fig. 7): the appliance comes on;
2. When at temperature, the appliance performs a rinse cycle delivering hot water from the coffee spouts (A9). As well as heating the boiler, this also heats the internal circuits by circulating hot water.


The appliance is ready for use when the main screen (home-page) appears.

5. TURNING THE APPLIANCE OFF

Whenever the coffee 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 comes out of the coffee spouts (A9) and is collected in the drip tray (A15) underneath. Take care to avoid contact with splashes of water.

1. To turn the appliance off, press the  button (A15) (fig. 7).
2. The appliance performs a rinse cycle then goes off (stand-by).
3. Release the main switch (A23) at the back of the appliance (fig. 1B).

Please note!



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

Important!


Never unplug while the appliance is on.

6. MENU SETTINGS

6.1 Access the settings menu


1. Press the  button (C3) to enter the menu;
2. Scroll through the menu items by pressing  until the required item is displayed;
3. Press the menu item you want to select.

6.2 Exit the menu

When you have made the adjustments, press  until you are back on the homepage.

6.3 Rinse

Use this function to deliver hot water from the coffee spouts (A9) to clean and heat the appliance's internal circuit.

1. Place a container with a minimum capacity of 100ml under the coffee spouts (fig. 8).
2. A few seconds after "RINSE" has been selected, hot water is delivered from the coffee spouts to clean and heat the appliance's internal circuit (fig. 8).
3. To stop rinsing, press  or wait for rinsing to stop automatically.

Please note!

- If the appliance is not used for more than 3-4 days, when you turn it on again, we strongly recommend performing 2/3 rinses before use;
- After cleaning, it is normal for the grounds container (A11) to contain water.

6.4 Descaling







For instructions on descaling, see section "14. Descaling".

6.5 Water filter


For instructions on how to install the filter (D6), see section "16. Water softener filter".

6.6 Beverages settings

In this section, you can consult your customised settings and, if you wish, reset the default values for each beverage.

1. Once in the settings menu, press "DRINK SETTINGS". The values for the first beverage appear on the display;
2. The values are displayed on vertical bars. The default value is indicated by the  symbol, while the current value is highlighted by the solid part of the vertical bar;
3. To go back to the settings menu, press . To scroll and display the beverages, press ;
4. To reset the default values for the beverage displayed, press ;
5. "CONFIRM RESET?": to confirm, press  (to cancel, press );




6. ""DEFAULT VALUES SET": press .

The beverage has been reset to the default values. Proceed with the other beverages or go back to the homepage by pressing  twice.

6.7 Auto-off (standby)

Auto-off can be set so that the appliance goes off after 15 or 30 minutes, or 1, 2 or 3 hours.

To programme Auto-off, proceed as follows:



1. Press "AUTO-OFF";
2. Select the required time interval by pressing the selection arrows  (increase) or  (decrease);
3. To confirm, press .

Auto-off is now programmed.

6.8 Energy saving

Use this function to enable or disable energy saving. When enabled, the function reduces energy consumption in compliance with European regulations.

To disable or enable "Energy Saving", proceed as follows:

Press "ENERGY SAVING" to disable  or enable  the function;

The corresponding symbol (B2) appears on the top bar of the homepage to indicate that the function has been enabled.

Please note:

If energy saving is active, you may have to wait a few seconds before delivery.

6.9 Coffee temperature

To change the temperature of the water used to make the coffee, proceed as follows:

1. Press "COFFEE TEMPERATURE". The selectable values appear on the display (the current value is underlined);
2. Press the value you want to set (LOW, MEDIUM, HIGH).

Please note:


Varying the temperature has most effect for long beverages.

6.10 Water hardness

For instructions on setting water hardness, see section "15. Setting water hardness".

6.11 Set language

To modify the language of the display, proceed as follows:

1. Press "SET LANGUAGE";
2. Press the flag corresponding to the language you want to set (press  to display all the languages available).



6.12 Beep

This enables or disables the beep emitted by the machine each time an icon is pressed or an accessory is inserted/removed. To disable or enable the beep, proceed as follows:

Press "BEEP" to disable  or enable  the function;

6.13 Bluetooth

This function enables or disables the protection PIN to connect to the appliance from a device.

1. Press "BLUETOOTH". The serial number of the machine (19 digits) and a 4 digit number (PIN) appear on the display (B1);
2. Press  to enable or  to disable the request for the PIN when you connect via the App;

During the connection operations, the PIN required to connect to the App is displayed.


The PIN can be customised directly from the App.

Please note!

The serial number of the appliance, visible in the "Bluetooth" function, enables it to be identified unambiguously when an association is created with the APP.

6.14 Customise profile




To customise the icon of the current profile, proceed as follows:

1. Press "CUSTOMISE PROFILE";
2. Press the required icon (press  to display all the available icons). The top strip on the homepage becomes the same colour as the selected icon.

6.15 Default values


This resets all menu settings and user customisation back to the default values (with the exception of the language which remains as set).

To reset the default values, proceed as follows:

1. Press "DEFAULT VALUES": "RESET DEFAULT VALUES" is displayed. Press  to confirm (or press  to cancel the operation);
2. "DEFAULT VALUES SET": press  to confirm.

6.16 Statistics

This displays statistics relating to the machine. To view the statistics, proceed as follows:

Press "STATISTICS" and check all the statistics by scrolling through the items using .

7. MAKING COFFEE

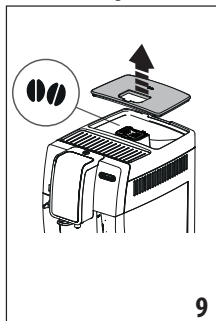
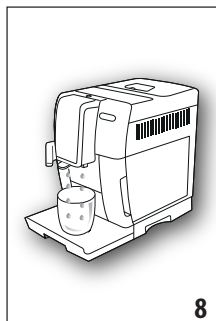


7.1 Making coffee using coffee beans

Important!

Do not use green, caramelised or candied coffee beans as they could stick to the coffee mill and make it unusable.

1. Fill the container (A4) with coffee beans (fig. 9);



2. Place a cup under the coffee spouts (A9) (fig.8);
3. Lower the spouts as near as possible to the cup (fig. 10). This makes a creamier coffee;
4. Then select your required coffee:

Recipe	Quantity	Program-mable quantity	Default aroma
ESPRESSO	≈ 40 ml	from ≈20 to ≈ 180ml	● ● ● ● ●
COFFEE	≈ 180 ml	from ≈100 to ≈240ml	● ● ● ● ●
LONG	≈ 160 ml	from ≈115 to ≈250 ml	● ● ● ● ●
DOPPIO+	≈ 120 ml	from ≈80 to ≈180 ml	--
2X ESPRESSO	≈ 40 ml x 2 cups	--	● ● ● ● ●

5. Preparation begins. An image of the selected beverage appears on the display, together with a progress bar which gradually fills as preparation progresses.

Please note:

- You can prepare 2 cups of ESPRESSO coffee at the same time by pressing "2X" (the image is displayed for a few seconds at the start of preparation).

- While the machine is making coffee, delivery can be interrupted at any moment by pressing (Stop X). Once the coffee has been made, the appliance is ready to make the next beverage.

Please note!

- Various alarm messages could be displayed while using the appliance (FILL TANK, EMPTY GROUNDS CONTAINER, ETC.). Their meaning is explained in section "18. Displayed messages".
- For hotter coffee, see section "7.6 Tips for a hotter coffee".
- If the coffee is delivered a drop at a time, too weak and not creamy enough or too cold, read the tips in section "7.5 Adjusting the coffee mill" and section "19. Troubleshooting".
- Preparation of each coffee can be customised (see section "11. Customising the beverages").

7.2 Selecting the coffee aroma

Press the button (C1):


my	Custom (if programmed) / Standard
	EXTRA LIGHT
	LIGHT
	MEDIUM
	STRONG
	X-STRONG
	(see "7.4 Making coffee using pre-ground coffee")

After delivering the beverage, the aroma setting is reset to the my value.

7.3 Selecting the coffee quantity


Press the button (C1):

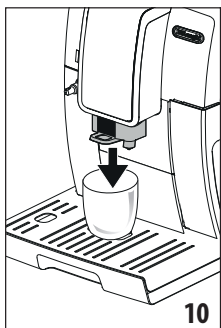
my	Custom (if programmed) / Standard (see table in section "11. Customising the beverages")
	SMALL SIZE
	MEDIUM SIZE
	LARGE SIZE
	X-LARGE SIZE

After delivering the beverage, the quantity setting is reset to the **my** value 

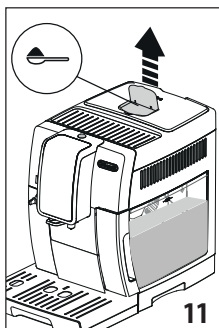
7.4 Making coffee using pre-ground coffee

Important!


- 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 1 level measure (D2) as it could soil the inside of the coffee machine or block the funnel (A4).
 - When using pre-ground coffee, only one cup can be made at a time.
1. Press the  button (C1) until "☞" (ground) is displayed.
 2. Then select your required coffee:
 - ESPRESSO
 - LONG
 - COFFEE
 3. "ADD GROUND COFFEE MAX. ONE MEASURE": open the lid of the pre-ground coffee funnel (A2).
 4. Make sure the funnel (A4) is not blocked, then add one level measure of pre-ground coffee (fig. 11).




10



11

5. Place a cup under the coffee spouts (A9) (fig. 10).
6. Press : Preparation begins. An image of the selected beverage appears on the display, together with a progress bar which gradually fills as preparation proceeds. Once the coffee has been made, the appliance is ready to make the next beverage.

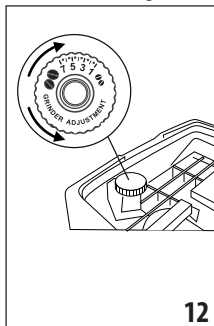
Important! Making LONG coffee:

Halfway through preparation, the machine requests a further level measure of pre-ground coffee. Proceed, then press .

7.5 Adjusting the coffee mill

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

However, if after making the first few coffees you find that the coffee is either too weak and not creamy enough or delivery is too slow (a drop at a time), this can be corrected by adjusting the grinding adjustment dial (A5) (fig. 12).



12

Please note!

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



If the coffee is delivered too slowly or not at all, turn one click clockwise towards 7. For fuller bodied creamier coffee, turn one click anticlockwise towards 1 (do not turn more than one click at a time otherwise the coffee could be delivered

a drop at a time).

The effect of the adjustment will be noticed only after making a further 2 cups of coffee, at least. If this adjustment does not produce the desired result, turn the dial another click.


7.6 Tips for a hotter coffee

To make a hotter coffee, proceed as follows:




- perform a rinse cycle by selecting the "Rinse" function (section "6.3 Rinse");
- warm the cups with hot water using the hot water function (see section "10. Delivering hot water");
- increase the coffee temperature (section "6.9 Coffee temperature"). Varying the temperature has most effect for long beverages.

8. COFFEE POT




Based on espresso coffee, this beverage is light and balanced, with a fine layer of froth, ideal to share in company.

Optional accessory in certain models:	
	Coffee Pot (Capacity: 1 litre)
	Model: DLSC021
	EAN: 8004399333642

To make the beverage, proceed as follows:


Selected quantity	Quantity (ml) *
	≈ 250
	≈ 500
	≈ 750

(*) The quantities indicated are approximate and may vary according to the type of coffee.

1. Press "COFFEE POT";
2. Select the aroma and number of cups;
3. Press  to move on to the next step.
4. "FILL TANK AND BEANS CONTAINER": fill the water tank (A17) and beans container (A3) (fig. 9) as indicated on the display. Make sure there is sufficient water and coffee for the beverages you want to prepare, then press .
5. "PLACE POT UNDER SPOUTS". Position a carafe under the coffee spouts (A9). When choosing the carafe to use, bear in mind the quantity to be delivered, namely:
6. Press : After a few seconds, preparation begins automatically and an image of the selected beverage appears on the display, together with a progress bar which gradually fills as preparation progresses.

Once the coffee has been made, the appliance is ready to make the next beverage.

Please note:

-  : press to interrupt preparation completely and go back to the homepage.

SAFETY WARNING:

After making the pot of coffee, leave the appliance to cool for 5 minutes before making another beverage. Risk of overheating!

9. MAKING CAPPUCCINOS AND MILK-BASED BEVERAGES

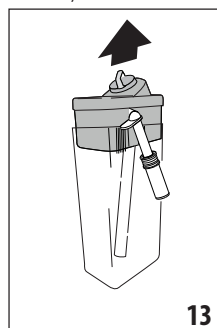


Please note!

To avoid milk with poor froth or large bubbles, always clean the milk container lid (E2) and hot water connection nozzle (A8) as described in sections "9.4 Cleaning the milk container after use", "13.10 Cleaning the milk container" and "13.11 Cleaning the hot water nozzle".

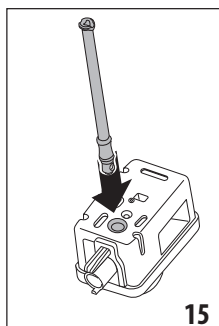
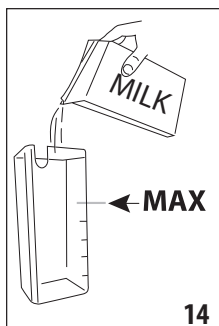
9.1 Filling and attaching the milk container

1. Remove the lid (E2) (fig. 13);
2. Fill the milk container (E3) with a sufficient quantity of milk, not exceeding the MAX level marked on the container (fig. 14). Each mark on the side of the container corresponds to about 100 ml of milk;

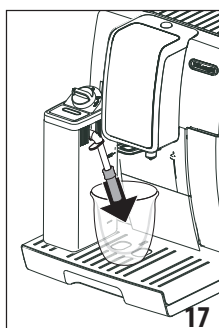
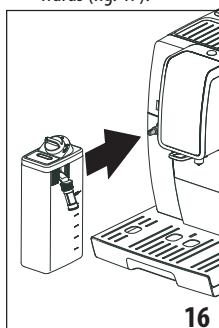


Please note!

- For a denser and more evenly distributed froth, always use skimmed or partially skimmed milk at refrigerator temperature (about 5 °C).
 - The quality of the froth will vary depending on:
 - type of milk or vegetable beverage;
 - the brand used;
 - ingredients and nutritional value.
 - If "Energy Saving" mode is enabled, you may have to wait a few seconds before the beverage is delivered.
3. Make sure the milk intake tube (E4) is correctly inserted in the bottom of the milk container lid (fig. 15);



4. Place the lid back on the milk container;
5. Remove the hot water spout (D6);
6. Attach the milk container (E3) to the connection nozzle (A8) and push as far as it will go (fig. 16). The machine emits a beep (if the beep function is enabled);
7. Place a sufficiently large cup under the coffee spouts (A9) and the frothed milk spout (E5). Adjust the length of the milk spout. To move it nearer the cup, simply pull it downwards (fig. 17).



8. Follow the instructions below for each function.

9.2 Adjusting the amount of froth

Turn the froth adjustment dial (E1) to adjust the amount of froth on the milk delivered while making cappuccinos and milk-based coffees.

Dial position	Description	Recommended for...
	NO FROTH	HOT MILK (not frothed) / CAFFELATTE
	MIN. FROTH	LATTE MACCHIATO / FLAT WHITE
	MAX. FROTH	CAPPUCCINO / CAPPUCCINO+ / CAPPUCCINO MIX / ESPRESSO MACCHIATO / HOT MILK (frothed)

9.3 Making cappuccinos and milk-based beverages automatically

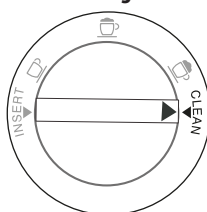
1. Fill the milk container (E3) and attach it as described above.
2. Select the required beverage:
 - CAPPUCCINO
 - LATTE MACCHIATO
 - HOT MILK
 - CAPPUCCINO+
 - CAPPUCCINO MIX
 - CAFFELATTE
 - FLAT WHITE
 - ESPRESSO MACCHIATO
3. A message on the display instructs you to turn the froth adjustment dial (E1) according to the froth required by the original recipe. Turn the dial on the milk container lid.
4. After a few seconds, preparation begins automatically and an image of the selected beverage appears on the display, together with a progress bar which gradually fills as preparation progresses.

Once the coffee has been made, the appliance is ready to make the next beverage.

Please note! general indications when preparing all milk-based beverages

- : press to interrupt preparation completely and go back to the homepage.
- : press to interrupt milk or coffee delivery and move on to the next delivery (if applicable) to complete the beverage.
- Preparation of each coffee can be customised (see section "11. Customising the beverages").
- Do not leave the milk container out of the refrigerator for long periods. The warmer the milk (5°C is ideal), the poorer the quality of froth produced.

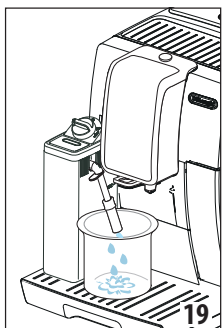
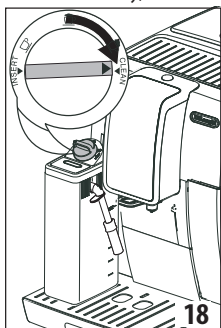
9.4 Cleaning the milk container after use



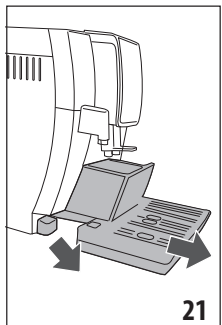
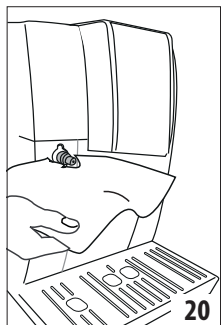
Each time you use a milk function, "TURN FROTH ADJUSTMENT DIAL TO CLEAN POSITION" appears on the display and the milk frother lid must be cleaned:

1. Leave the milk container (E3) in the machine (you do not need to empty it);
2. Place a cup or other recipient under the frothed milk spout;
3. Turn the froth adjustment dial (E1) to "CLEAN" (fig. 18). "CLEANING UNDERWAY RECIPIENT UNDER SPOUT" appears on the display together with a bar which gradually fills as

cleaning progresses. Steam mixed with hot water comes out of the frothed milk spout (fig. 19). Cleaning stops automatically;



4. Turn the dial back to one of the froth selections;
5. Remove the milk container and always clean the hot water connection nozzle (A8) with a sponge (fig. 20).



Please note!

- To prepare a number of cappuccinos and milk based coffees, clean the milk container after you have prepared the last beverage only. To proceed with making the next beverages, when the CLEAN message is displayed, press **(Esc)**.
- If you do not clean the milk container, the **(M)** symbol (B8) appears on the display to remind you that it needs cleaning.
- The milk container can be kept in the refrigerator.
- In certain cases, the appliance will need to heat up before the container can be cleaned.

10. DELIVERING HOT WATER



1. Make sure the hot water spout (D6) is attached correctly to the hot water connection nozzle (A8);
2. Place a cup under the spout;

3. Press "HOT WATER"; The corresponding image appears on the display, together with a progress bar which fills gradually as preparation proceeds;
4. The machine delivers hot water, then delivery stops automatically. To interrupt hot water delivery manually, press **(Stop X)**.

Please note!

- If "Energy Saving" mode is active, you may have to wait a few seconds before the hot water is delivered.
- Preparation of hot water can be customised (see sections "11. Customising the beverages" and "12. Memorising your own user profile").

11. CUSTOMISING THE BEVERAGES



The aroma (when required) and quantity of the beverages can be customised.

1. Make sure the user profile for which you want to customise the beverage is active. You can select "MY" beverages for each of the profiles;
2. Press **(my)** (C5);
3. To access the customising screen, choose the beverage you want to customise. The corresponding accessories must be inserted;
4. (Coffee beverages only) Select the required aroma by pressing "-" or "+" and press **(Ok ✓)**;
5. Preparation begins and the appliance displays the quantity customising screen in the form of a vertical bar. The star alongside the bar represents the current quantity;
6. When the amount reaches the minimum quantity you can set, **(Stop X)** is displayed;
7. Press **(Stop X)** when the required quantity in the cup is reached;
8. Press **(Ok ✓)** to save (or **(Esc)** to cancel). The appliance confirms if the values have been saved or not (depending on the previous selection). Press **(Ok ✓)**. The appliance goes back to the homepage.

Please note!


- **Milk-based beverages:** the coffee aroma is saved first, followed by the quantity of first milk, then coffee;
- **Hot water:** the appliance delivers hot water. Press **(Stop X)** to save the required quantity.
- You can also customise the beverages by connecting with the DeLonghi Coffee Link App.
- Press **(Esc)** to exit programming. The values will not be saved.

Beverage quantity table		
Beverage	Standard quantity	Programmable quantity
ESPRESSO	≈ 40 ml	≈ 20 -180 ml
LONG	≈ 160 ml	≈ 115-250 ml
COFFEE	≈ 180 ml	≈ 100-240 ml
DOPPIO+	≈ 120 ml	≈ 80-180 ml
HOT WATER	≈ 250 ml	≈ 20-420 ml


12. MEMORISING YOUR OWN USER PROFILE

The appliance allows you to memorise 3 different profiles, each associated with a different icon.

The customised "MY" beverages "AROMA" and "QUANTITY" values are saved in each profile (see section "11. Customising the beverages "). The order in which all the beverages are displayed is based on the frequency of selection.

To select a profile, press  (C2) and select the desired profile.

Please note!

- "  GUEST" profile: select this profile to deliver beverages with the default settings.
- You can rename your personal profile by connecting with the DeLonghi Coffee Link App.
- To customise the profile icon, see section "6.14 Customise profile.

13. CLEANING

13.1 Cleaning the machine

The following parts of the machine must be cleaned regularly:



- the appliance's internal circuit;
- coffee grounds container (A11);
- drip tray (A15), condensate tray (A10), drip tray grille (A14) and tray full indicator (A13);
- water tank (A17);
- coffee spouts (A9);
- pre-ground coffee funnel (A4);
- infuser (A20), accessible after opening the infuser door (A19);
- milk container (E);
- hot water connection nozzle (A8);
- control panel (C).

Important!

- Do not use solvents, abrasive detergents or alcohol to clean the coffee machine. With De'Longhi superautomatic coffee

machines, no chemical products are required for cleaning purposes.

- None of the components of the appliance can be washed in a dishwasher with the exception of the drip tray grille (A14) and milk container (E).

dishwasher safe	hand wash only
	
drip tray grille (A14)	cup tray (A12)
milk container (E)	water tank (A17)
	removable infuser (A20)
	drip tray (A15)
	coffee grounds container (A11)

- Do not use metal objects to remove encrustations or coffee deposits as they could scratch metal or plastic surfaces.

13.2 Cleaning the internal circuit

If the appliance is not used for more than 3/4 days, before using it again, we strongly recommend switching it on and:

- performing 2/3 rinse cycles by selecting the "Rinse" function (section "6.3 Rinse ");
- delivering hot water for a few seconds (section "10. Delivering hot water ").

Please note!

After cleaning, it is normal for the grounds container (A11) to contain water.

13.3 Cleaning the coffee grounds container

When "EMPTY GROUNDS CONTAINER" appears on the display, the grounds container must be emptied and cleaned. The appliance cannot be used to make coffee again until the grounds container (A11) has been cleaned. 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.

Important! Danger of scalding

If you make a number of milk-based beverages one after the other, the metal cup tray (A12) becomes hot. Wait for it to cool down before touching it and handle it from the front only.

To clean (with the machine on):

1. Remove the drip tray (A15) and grounds container (A11) (fig. 21).
2. Empty the drip tray and grounds container and clean thoroughly to remove all residues left on the bottom. This can be done using the spatula on the brush (D5) provided.

3. Check the condensate tray (A10) (red) and empty if necessary.
4. Put the drip tray complete with grille and grounds container back in the appliance.

Important!

When removing the drip tray, the grounds container must be emptied, even if it contains few grounds. If this is not done, when you make the next coffees, the grounds container will fill up more than expected and clog the machine.

13.4 Cleaning the drip tray and condensate tray

Important!

The drip tray (A15) is fitted with a level indicator (A13) (red) showing the amount of water it contains (fig. 22). Before the indicator protrudes from the cup tray, the drip tray (A12) must be emptied and cleaned, otherwise the water may overflow the edge and damage the appliance, the surface it rests on or the surrounding area.

To remove the drip tray, proceed as follows:

1. Remove the drip tray and coffee grounds container (A11) (fig. 21);
2. Remove the cup tray (A12) and drip tray grille (A14), then empty the drip tray and grounds container and wash all components.
3. Check the condensate tray (A10) (red) and empty if necessary;
4. Put the drip tray complete with grille and grounds container back in the appliance.

Important!

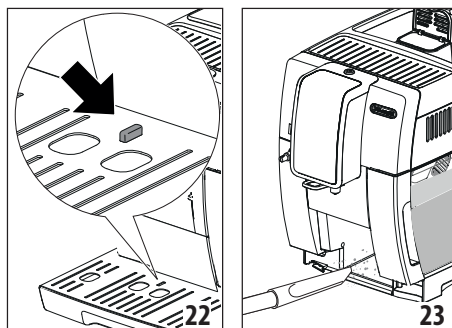
When removing the drip tray, the grounds container must be emptied, even if it contains few grounds. If this is not done, when you make the next coffees, the grounds container will fill up more than expected and clog the machine.

13.5 Cleaning the inside of the machine

Danger of electric shock!

Before cleaning internal parts, the machine must be turned off (see section "5. Turning the appliance off") and unplugged from the mains power supply. Never immerse the machine in water.

1. Check regularly (about once a month) that the inside of the appliance (accessible after removing the drip tray (A15)) is not dirty. If necessary, remove coffee deposits with the brush (D5) supplied and a sponge.
2. Remove all residues with a vacuum cleaner (fig. 23).



13.6 Cleaning the water tank

1. Clean the water tank (A17) regularly, about once a month and whenever you replace the water softener filter (if installed) (D6).
2. Remove the water tank (fig. 2);
3. Remove the filter (if installed) and rinse with running water;
4. Empty the water tank and clean with a damp cloth and a little washing up liquid. Rinse thoroughly with water.
5. Put the filter (if installed) back in the appliance, fill the tank with fresh water up to the MAX level and put the tank back;
6. (Models with water softener filter only) Release around 100ml of hot water to reactivate the filter.

Please note:

If the appliance is not used for more than 3-4 days, you should clean the tank as described above.

13.7 Cleaning the coffee spouts

1. Clean the coffee spouts (A9) regularly with a sponge or cloth (fig. 24A);
2. Check the holes in the coffee spout are not blocked. If necessary, remove coffee deposits with a toothpick (fig. 24B).

13.8 Cleaning the pre-ground coffee funnel

Clean the pre-ground coffee funnel (A4) regularly (about once a month) with a damp cloth. Proceed as follows:

1. Turn the machine off (see chapter "5. Turning the appliance off");
2. Open the funnel door (A2);
3. Clean the funnel with the brush provided (D5);
4. Close the door.

Important!

After cleaning, make sure there are no accessories left in the funnel. The presence of foreign objects in the funnel while the machine is in operation could damage the appliance.

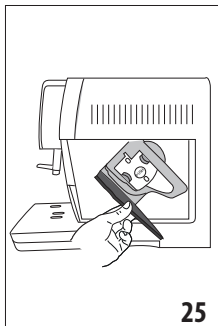
13.9 Cleaning the infuser

The infuser (A20) must be cleaned at least once a month.

Important!

The infuser cannot be extracted while the machine is on.

1. Make sure the machine is correctly turned off (see section "5. Turning the appliance off");
2. Remove the water tank (A17) (fig. 2);
3. Open the infuser door (A19) (fig. 25) on the right side of the appliance;



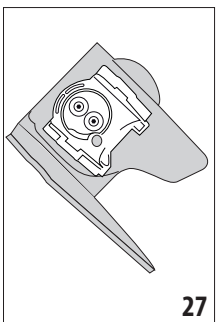
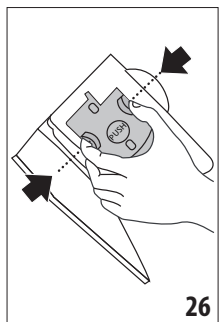
4. Press the two coloured release buttons inwards and at the same time pull the infuser outwards (fig. 26);
5. Soak the infuser in water for about 5 minutes, then rinse under the tap;

Important!

RINSE WITH WATER ONLY

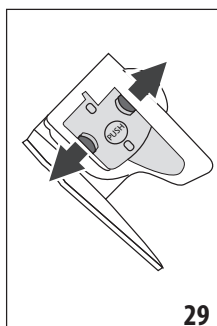
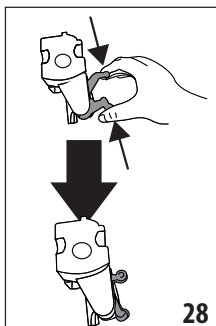
NO DETERGENTS - NO DISHWASHER

6. Do not use detergents when cleaning the infuser, as they could damage it.
7. Use the brush (D5) 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 (fig. 27), then push the PUSH symbol fully in until it clicks into place;



Please note!

If the infuser is difficult to insert, before insertion, adapt it to the right size by pressing the two levers shown in fig. 28.

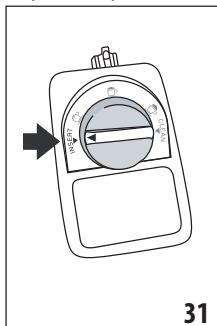
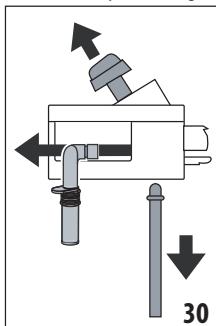


9. Once inserted, make sure the two coloured buttons have snapped out (fig. 29);
10. Close the infuser door;
11. Put the water tank back.

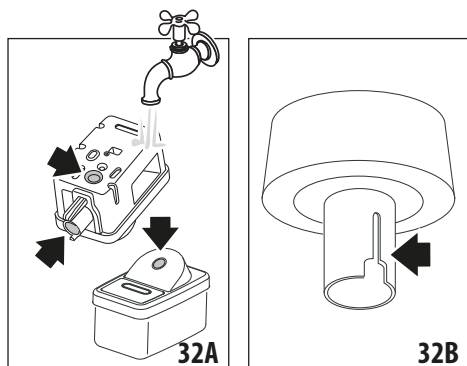
13.10 Cleaning the milk container

Each time you use the milk carafe (E), clean as described below:

1. Remove the lid (E2);
2. Remove the milk spout (E5) and intake tube (E4) (fig. 30);
3. Turn the froth adjustment dial (E1) anticlockwise to the "INSERT" position (fig. 31) and pull it off upwards;



4. Wash in a dishwasher (recommended) or by hand as indicated below:
 - **In a dishwasher:** Rinse all the above components and the milk container with hot running drinking water (at least 40°C), then place them in the top basket of the dishwasher and run a programme at 50°C, e.g. standard ECO.
 - **By hand** Thoroughly rinse all the components and the milk container with hot running drinking water (at least 40°C) to remove all visible milk residues; make sure to run the water through the holes in the lid (fig. 32A). Then immerse all the components in hot drinking water (at least 40°C) and washing up liquid for at least 30 minutes. Rinse all the above components thoroughly under hot drinking water, rubbing them one at a time with your hands.



5. Make sure there are no milk residues on the hollow and groove under the dial. If necessary, scrape the groove with a toothpick (fig. 32B);
6. Check that the intake tube and spout are not clogged with milk residues;
7. Dry all the components with a clean dry cloth;
8. Reassemble all the lid components;
9. Attach the lid back on the milk container.

13.11 Cleaning the hot water nozzle

Each time you prepare milk, clean the connection nozzle (A8) with a sponge to remove milk residues from the gaskets (fig. 20).

14. DESCALING



Important!

- Before use, read the instructions and the labelling relative to the descaler product, which are indicated on the pack (included with certain models and/or available for purchase from authorized service centres).
- 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 could damage delicate surfaces. If the product is accidentally spilt, dry immediately.


To descale	
Descaler	De'Longhi "EcoDecalk" descaler
Container	Recommended capacity: 2.0
Time	~45min

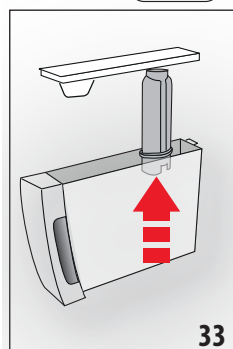
Descalc the appliance when "DESCALING NEEDED" "PRESS OK TO START (~45min)" appears on the display: To descale the



appliance immediately, press **Ok**  and follow the operations from point 3.

To descale the appliance later, press **Esc** . The  symbol (B7) appears on the display to remind you that the appliance needs descaling. (The message appears each time you turn the appliance on).

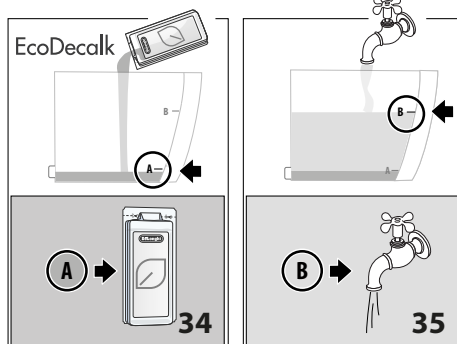
To access the descaling menu:

1. Press the **"Settings" button (C3)** to enter the menu;
2. Press **"DESCALE"** and follow the instructions on the display;
3. **"REMOVE WATER FILTER"** (fig. 33): extract the water tank (A17), remove the water softener filter (D6) (if present) and empty the tank. Press **Next**  ;



4. **"DESCALER (LEVEL A) AND WATER (LEVEL B)"**. Pour the descaler into the tank up to level A (corresponding to a 100ml pack) marked on the inner surface of the tank (fig. 34), then add water (one litre) up to level B (fig. 35) and put the water tank back. Press **Next**  ;
5. **"EMPTY DRIP TRAY"** (fig. 21):
6. Remove, empty and replace the drip tray (A15) and grounds container (A11). Press **Next**  ;
7. **"POSITION 2L CONTAINER" "OK TO START"**:

Place an empty container with a minimum capacity of 2 litres under the hot water spout (D6) and coffee spouts (A9);



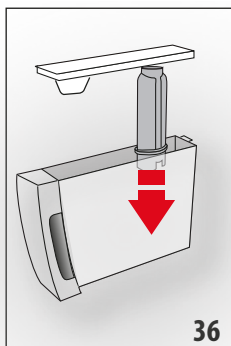
Important! Danger of scalding

Hot water containing acid flows from the hot water and coffee spouts. Take care to avoid contact with splashes of this solution.

8. Press **Ok ✓** to confirm that you have added the descaling solution. "DESCALING UNDERWAY" "PLEASE WAIT" is displayed: The descale programme starts and the descaler liquid comes out of the hot water and coffee spouts. A series of rinses is performed automatically to remove all the scale residues inside the coffee machine;

After about 25 minutes, descaling stops;

9. "RINSE AND FILL WATER TANK" "UP TO MAX LEVEL" (fig. 3): the appliance is now ready to rinse with fresh water. Empty the container used to collect the descaler solution. Extract the water tank, empty, rinse under running water, fill with fresh water up to the MAX level and put back in the appliance;
10. "POSITION 21 CONTAINER" "OK TO START RINSING": Place the container used to collect the descaler solution empty under the coffee spouts and hot water spout (fig. 8) and press **Ok ✓**;
11. Hot water is delivered first from the coffee spouts then from the hot water spout and "RINSING UNDERWAY, PLEASE WAIT" is displayed;
12. When the water in the tank has run out, empty the container used to collect the rinsing water;
13. (If the filter is installed) "INSERT FILTER" "INTO ITS HOUSING" (fig. 36). Press **Next >** and extract the water tank. Replace the water softener filter if removed previously;



14. "RINSE AND FILL WATER TANK" "UP TO MAX LEVEL" (fig. 3): Fill the tank up to the MAX level with fresh water;
15. "INSERT WATER TANK" (fig. 4): Put the water tank back in the appliance;
16. "POSITION 21 CONTAINER" "OK TO START RINSING": Place the container used to collect the descaler solution empty under the hot water spout (fig. 8) and press **Ok ✓**.


17. Hot water is delivered from the hot water/steam spout and "Rinsing UNDERWAY" "PLEASE WAIT" is displayed;
18. "EMPTY DRIP TRAY" (fig. 21): At the end of the second rinse, empty the container used to collect the rinsing water, remove and empty the drip tray (A15) and grounds container (A11), then put back in the appliance. Press **Next >**;
19. "DESCALE COMPLETE": press **Ok ✓**;
20. "FILL TANK WITH FRESH WATER": remove and top up the water tank with fresh water to the MAX level and put back in the machine.

The descaling cycle is now complete.

Please note!

- If the descaling cycle is not completed correctly (e.g. no electricity) when the appliance comes on again, it will prompt for the cycle to be completed.
- After descaling, it is normal for the grounds container (A11) to contain water.
- If the water tank has not been filled to the MAX level, at the end of descaling, the appliance requests a third rinse to guarantee that the descaler solution has been completely eliminated from the machine's internal circuits. Before starting rinsing, remember to empty the drip tray.

15. SETTING WATER HARDNESS

The "DESCALING NEEDED PRESS OK TO START (~45MIN)  message is displayed after a period of time established according to water hardness.

The machine can also be programmed according to the actual hardness of the local water supply, so that the descaling procedure will be required less frequently.

15.1 Measuring water hardness

1. Remove the "TOTAL HARDNESS TEST" indicator paper (D1) from its pack.
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.

15.2 Setting water hardness

1. Access the menu as described in section "6.1 Access the settings menu";
2. Press "WATER HARDNESS";
3. Carry out the procedure described in the previous section and measure water hardness;

- "WATER HARDNESS" "CURRENT VALUE UNDERLINED": Press the level measured previously as indicated in the following table: (Level 1 = soft water; Level 4 = very hard water);

Indicator paper	Water hardness
	Level 1 - soft water
	Level 2 - slightly hard water
	Level 3 - hard water
	Level 4 - very hard water

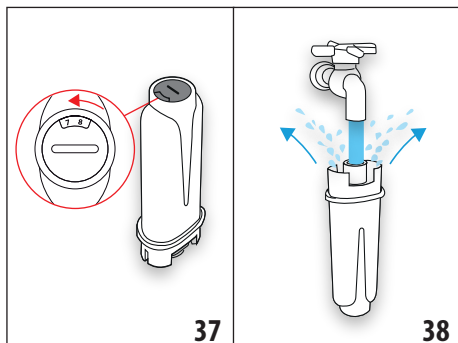
- Press to go back to the homepage.
The machine is now reprogrammed with the new water hardness setting.

16. WATER SOFTENER FILTER

Certain models are fitted with a water softener filter (D6). If this is not the case with your model, you are recommended to purchase one from De'Longhi customer services. To use the filter correctly, follow the instructions below.

16.1 Installing the filter

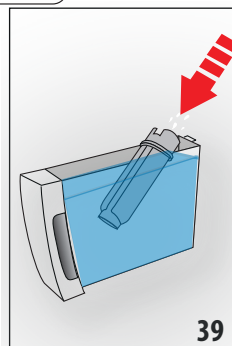
- Access the menu as described in section "6.1 Access the settings menu";
- Press "WATER FILTER";
- "TURN DATE INDICATOR TO NEXT 2 MONTHS" (fig. 37): remove the new filter (D4) from the pack and turn the date indicator disk to display the next two months of use. Press ;



Please note

The filter lasts about two months if the appliance is used normally. If the coffee machine is left unused with the filter installed, it will last a maximum of 3 weeks.

- "RUN WATER INTO FILTER HOLE" "UNTIL IT COMES OUT" (fig. 38): To activate the filter, run tap water through the hole in the filter as shown in the figure until water comes out of the openings at the side for more than a minute. Press ;
- Extract the tank (A17) from the appliance and fill with water.
- "IMMERSE FILTER TO" "EXPEL AIR BUBBLES" (fig. 39): 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. Press ;



- "INSERT FILTER" "IN HOUSING": Insert the filter (D6) in the filter housing (fig. 36) and press as far as it will go. Press ;
- "INSERT WATER TANK": Close the tank with the lid (A17), then put the tank back in the machine (fig. 4);
- "POSITION 0.5L CONTAINER, OK TO ENABLE FILTER" (fig. 6): Place the container under the hot water spout (D6) and press : "HOT WATER PLEASE WAIT" delivery starts and stops automatically.

The filter is now activated and the coffee machine can be used.

16.2 Replacing the filter

Replace the filter (D6) when "REPLACE WATER FILTER" "PRESS OK TO START" appears on the display: to replace immediately, press and follow the instructions from point 5.

To replace the filter later, press . The symbol (B9) appears on the display to remind you that the filter needs replacing. To replace, proceed as follows:




- Access the menu as described in section "6.1 Access the settings menu";
- Press "WATER FILTER";
- Press "REPLACE FILTER"
- First remove the tank (A17) and exhausted filter, then follow the operations described in the previous section from point 3.

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.

16.3 Removing the filter

If you want to use the appliance without the filter (D6), you must remove it and notify the appliance of its removal. Proceed as follows:

1. Extract the tank (A17) and exhausted filter;
2. Access the menu as described in section "6.1 Access the settings menu";
3. PRESS "WATER FILTER";
4. Press "REMOVE WATER FILTER";
5. "CONFIRM REMOVE FILTER": press  (or press  to go back to the settings menu);
6. "FILTER REMOVED": the change has been saved. Press  to go back to the homepage.

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.

17. TECHNICAL DATA

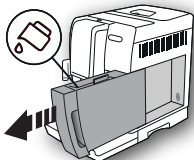
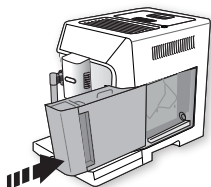
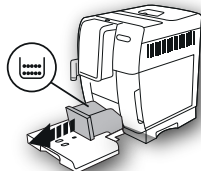
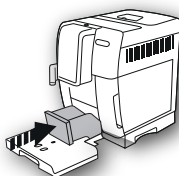
Voltage:	220-240 V~ 50-60 Hz max. 10 A
Power:	1450 W
Pressure:	1.9 MPa (19 bars)
Water tank capacity:	1.8l
Size LxDxH:	240x440x360 mm
Cord length:	1250 mm
Weight:	10 kg
Beans container capacity:	300 g
Frequency:	2400/2483.5 MHz
Maximum transmission power	10 mW

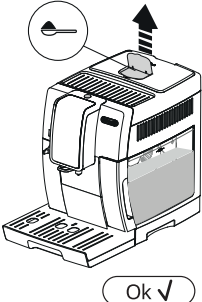
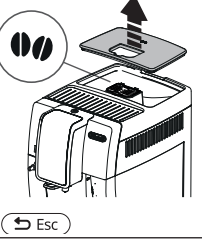
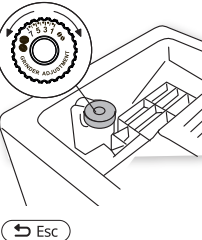
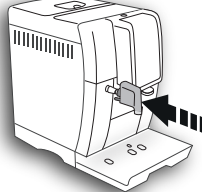
17.1 Tips for Energy Saving

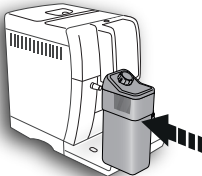
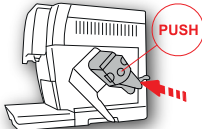
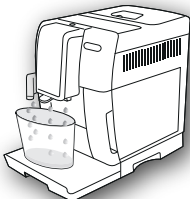

- To reduce energy consumption, after delivering one or more beverages, remove the container (E) or accessories.
- Set auto-off to 15 minutes (see section "6.7 Auto-off (standby)");
- Enable Energy Saving (see paragraph "6.8 Energy saving");
- When requested by the machine, perform the descaling cycle (see section "14. Descaling").

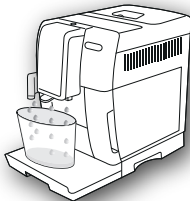

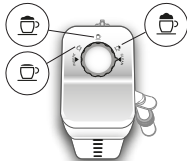


18. DISPLAYED MESSAGES












DISPLAYED MESSAGE	POSSIBLE CAUSE	REMEDY
<p>FILL TANK WITH FRESH WATER</p> 	Insufficient water in the tank (A17).	Fill the tank with water and/or insert it correctly, pushing it as far as it will go until it clicks into place.
<p>INSERT WATER TANK</p> 	The hot water spout (A17) is not inserted or is inserted incorrectly.	Insert the tank correctly and press as far as it will go.
<p>EMPTY GROUNDS CONTAINER</p> 	The grounds container (A11) is full.	Empty the grounds container and drip tray (A15), clean and put back in the appliance. Important: when removing the drip tray, the grounds container must always be emptied, however little it may have been filled. If this is not done, it can happen that the grounds container will fill up more than expected when further coffees are prepared, causing the machine to clog.
<p>INSERT GROUNDS CONTAINER</p> 	After cleaning, the grounds container (A11) has not been replaced.	Remove the drip tray (A15) and insert the grounds container.

DISPLAYED MESSAGE	POSSIBLE CAUSE	REMEDY
<p>ADD GROUND COFFEE MAX. ONE MEASURE</p> 	<p>Preparation with pre-ground coffee has been selected.</p>	<p>Make sure the funnel (A4) is not blocked, then add one level measure (D2) of pre-ground coffee, press "Next" on the display and follow the instructions in section "7.4 Making coffee using pre-ground coffee".</p>
<p>FILL BEANS CONTAINER</p> 	<p>The coffee beans have run out.</p> <p>The pre-ground coffee funnel (A4) is clogged.</p>	<p>Fill the beans container (A4) (fig. 10).</p> <p>Empty the funnel with the aid of the brush (D5) as described in section "13.8 Cleaning the pre-ground coffee funnel".</p>
<p>GROUND TOO FINE. ADJUST MILL</p> 	<p>The grinding is too fine, so that the coffee is delivered too slowly or not at all.</p> <p>If the water softener filter (D6) is present, an air bubble may have been released inside the circuit, obstructing delivery.</p>	<p>Repeat coffee delivery and turn the grinding adjustment dial (A5) (fig. 12) one click clockwise towards "7" while the coffee mill is in operation. If after making at least 2 coffees delivery is still too slow, repeat the correction procedure, turning the grinding adjustment dial another click until delivery is correct (see section "7.5 Adjusting the coffee mill"). If the problem persists, make sure the water tank (A17) is fully inserted.</p> <p>Insert the hot water spout (D6) in the appliance and deliver a little water until the flow becomes regular. If the problem continues, remove the filter (section 16.3 Removing the filter".</p>
<p>INSERT WATER SPOUT</p> 	<p>The hot water spout (D6) is not inserted or is inserted incorrectly</p>	<p>Insert the water spout as far as it will go.</p>

DISPLAYED MESSAGE	POSSIBLE CAUSE	REMEDY
<p>INSERT MILK CONTAINER</p> 	The milk container (E) is missing or not correctly in place.	Insert the milk container, pushing it as far as it will go.
<p>INSERT INFUSER ASSEMBLY</p> 	The infuser (A20) has not been replaced after cleaning.	Insert the infuser as described in section "13.9 Cleaning the infuser".
<p>WATER CIRCUIT EMPTY PRESS OK TO START</p>  <p>Ok ✓</p>	<p>The water circuit is empty</p> <p>A new water softener filter has been inserted (D4)</p>	<p>Press the selector corresponding to "OK" to deliver water from the spout (D6) until it flows out normally.</p> <p>If the problem persists, make sure the water tank (A17) is fully inserted.</p> <p>Make sure you have followed the instructions for inserting the new filter (section "16. Water softener filter"). If the problem continues, remove the filter (section 16.3 Removing the filter".</p>
<p>PRESS OK TO CLEAN OR TURN DIAL</p>  <p>Ok ✓</p>	The milk container has been inserted with the froth adjustment dial (E1) in the CLEAN position.	To proceed with the CLEAN function, press the selector corresponding to "OK", or turn the froth adjustment dial to one of the milk positions.

DISPLAYED MESSAGE	POSSIBLE CAUSE	REMEDY
<p>DESCALING INTERRUPTED PRESS NEXT TO CONTINUE</p>  <p>Next ></p>	<p>Descaling has been interrupted or has not been completed correctly.</p>	<p>Press NEXT to resume descaling. For more information, see section "14. Descaling".</p>
<p>TURN MILK FROTH ADJUSTMENT DIAL TO CLEAN POSITION</p>  <p>(Esc)</p>	<p>Milk has been delivered recently and the tubes inside the milk container (E) must be cleaned.</p>	<p>Turn the froth adjustment dial (E1) to CLEAN (fig. 18).</p>
<p>TURN FROTH ADJUSTMENT DIAL</p> 	<p>The milk container has been inserted with the froth adjustment dial (E1) in the CLEAN position.</p>	<p>Turn the dial to the required froth position.</p>
<p>SELECT A Milder TASTE OR REDUCE COFFEE QUANTITY</p>  <p>(Esc)</p>	<p>Too much coffee has been used.</p>	<p>Select a milder taste by pressing the "AROMA" button (C6) or reduce the quantity of ground coffee (maximum 1 measure).</p>
<p>DESCALING NEEDED PRESS OK TO START (~45MIN)</p>  <p>(Esc)</p> <p>Ok ✓</p>	<p>The machine must be descaled.</p>	<p>Press the selector corresponding to "OK" to start descaling or "ESC" to descale later. The descaling procedure described in section "14. Descaling" needs to be performed.</p>

DISPLAYED MESSAGE	POSSIBLE CAUSE	REMEDY
REPLACE WATER FILTER PRESS OK TO START   Esc  Ok ✓	The water softener filter (D6) is exhausted.	Press the selector corresponding to "OK" to replace or remove the filter, or "ESC" to carry out the procedure later. Follow the instructions in section "16. Water softener filter".
GENERAL ALARM: REFER TO USER MANUAL 	The inside of the appliance is very dirty.	Clean the inside of the appliance thoroughly, as described in section "13. Cleaning". If the message is still displayed after cleaning, contact De'Longhi Customer Services.
	The tubes inside the milk container (E) must be cleaned.	Turn the froth adjustment dial (E1) to CLEAN (fig. 18).
	Reminds you the filter (D6) must be replaced.	Replace the filter or remove it as described in section "16. Water softener filter".
	The machine must be descaled.	The descaling procedure described in section "14. Descaling" needs to be performed.
	Energy saving is enabled.	To disable energy saving, proceed as described in section "6.8 Energy saving".
	The appliance is connected to a device via bluetooth.	
PLEASE WAIT	The appliance is heating up to the optimum temperature	Please wait
CLEANING UNDERWAY PLEASE WAIT	The appliance has detected impurities in its internal circuits	Wait for the appliance to be ready again and reselect the required beverage. If the problem persists, contact De'Longhi Customer Services.


19. 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 come on.	It is not plugged into the mains socket.	Plug into the mains socket (fig. 1).
	Models with removable power cord: the connector of the power cord (D7*) is not properly plugged in.	Push the connector fully into the socket at the back of the appliance (fig. 1A).
	The main switch (A23) is not pressed in.	Press the main switch (fig. 1B).
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 elapsed since the last coffee was made.	Before making the coffee, heat the infuser by rinsing using the rinse function (see section "6.3 Rinse").
	Coffee temperature setting too low.	Set a hotter coffee temperature in the menu (see section "6.9 Coffee temperature"). Please note: Varying the temperature has most effect for long beverages.
	The machine must be descaled	Proceed as described in section "14. Descaling". Next, check the water hardness ("15.1 Measuring water hardness") and make certain the machine setting matches the local water supply hardness ("15.2 Setting water hardness").
The coffee is weak or not creamy enough.	The coffee is ground too coarsely.	Turn the grinding adjustment dial (A5) one click anticlockwise towards "1" while the coffee mill is in operation (fig. 12). Continue one click at a time until coffee delivery is satisfactory. The effect is only visible after delivering 2 coffees (see section "7.5 Adjusting the coffee mill").
	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 a drop at a time.	The coffee is ground too finely.	Turn the grinding adjustment dial (A5) one click clockwise towards "7" while the coffee mill is in operation (fig. 12). Continue one click at a time until coffee delivery is satisfactory. The effect is only visible after delivering 2 coffees (see section "7.5 Adjusting the coffee mill").

PROBLEM	POSSIBLE CAUSE	REMEDY
Coffee does not come out of one or both spouts.	The coffee spouts (A9) are blocked.	Clean the spouts with a toothpick (fig. 24B).
The coffee delivered is watery.	The funnel (A4) is clogged.	Clean the funnel with the help of the brush (D5) as described in section "13.8 Cleaning the pre-ground coffee funnel".
The appliance will not make coffee	The appliance has detected impurities in its internal circuits. "Cleaning under-way" is displayed.	Wait for the appliance to be ready again and reselect the required beverage. Contact customer services if the problem persists.
The appliance does not come on	It is not plugged into the mains socket.	Plug into the mains socket (fig. 1).
The infuser cannot be removed	The appliance has not been turned off correctly	Turn the appliance off by pressing the  button (A15) (see section "5. Turning the appliance off").
At the end of descaling, the appliance requests a third rinse	During the two rinse cycles, the water tank (A17) has not been filled to the MAX level	Follow the instructions displayed by the appliance, but first empty the drip tray (A15) to avoid the water overflowing.
Milk does not flow from the milk spout (E5)	The milk container lid (E2) (E3) is dirty	Clean the milk carafe lid as described in section "13.10 Cleaning the milk container".
	The lid (E2) is not correctly in place.	Assemble all the components correctly as indicated in section "9.1 Filling and attaching the milk container".
The milk contains large bubbles and squirts out of the milk spout (E5) or there is little froth	The milk is not cold enough or not suitable for the beverage requested.	Use skimmed or semi-skimmed milk at refrigerator temperature (about 5° C). If the result is not as you wished, try changing brand of milk.
	The froth adjustment dial (E1) is incorrectly adjusted.	Adjust following the instructions in section "9. making cappuccinos and milk-based beverages".
	The milk container lid (E2) or froth adjustment dial (E1) are dirty	Clean the milk container lid and control knob as described in section "13.10 Cleaning the milk container".
	There is water in the groove below the froth adjustment dial (E1)	Extract the dial and dry thoroughly.
	Vegetable beverages have been used.	For best results, use beverages at refrigerator temperature (about 5° C). Adjust the amount of froth as described in section "9.2 Adjusting the amount of froth"
	The hot water connection nozzle (A8) is dirty	Clean the connection nozzle as described in section "13.11 Cleaning the hot water nozzle".
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 the phenomenon, empty the drip tray.
The app is not working	App malfunction	Close the App, then run it again

PROBLEM	POSSIBLE CAUSE	REMEDY
The cup shelf (A12) is hot.	A number of beverages have been prepared in rapid succession	
After cleaning, the drip tray (A15) cannot be put back in the machine	The condensate tray(A10) is not in the correct position	Make sure the condensate tray is inserted correctly
The appliance emits puffs of steam from the drip tray (A15) and/or there is water on the surface the appliance rests on.	The drip tray grille (A14)has not been replaced after cleaning.	Put the drip tray grille back in the drip tray.

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