

CONTENTS

1. INTRODUCTION	7
1.1 Letters in brackets.....	7
1.2 Troubleshooting and repairs.....	7
1.3 Download the App!.....	7
2. DESCRIPTION	7
1.4 Description of the appliance (page 3 - A).....	7
2.1 Description of the homepage (main screen) (page 2 - B).....	7
2.2 Description of the accessories (page 2 - C).....	7
2.3 Description of the milk container.....	7
2.4 Description of hot water/steam spout.....	8
3. SETTING UP THE APPLIANCE 	8
4. TURNING THE MACHINE ON 	8
5. TURNING THE APPLIANCE OFF	8
6. MENU SETTINGS 	9
6.1 Rinsing.....	9
6.2 Descaling.....	9
6.3 Clean milk container.....	9
6.4 Adjust mill.....	9
6.5 Water filter.....	9
6.6 Water hardness.....	9
6.7 General.....	9
6.8 Auto-off.....	10
6.9 Bluetooth.....	10
6.10 Selecting the language.....	10
6.11 Emptying the circuit.....	10
6.12 Edit profile.....	10
6.13 Default values.....	10
6.14 Statistics.....	11
7. MAKING COFFEE 	11
7.1 Making coffee using coffee beans.....	11
7.2 Your coffee at a touch.....	11
7.3 Customising the beverages.....	11
7.4 Making coffee using pre-ground coffee.....	11
7.5 General indications for making coffee-based beverages.....	12
7.6 Tips for a hotter coffee.....	12
8. CARAFE OF COFFEE 	12
9. MAKING MILK-BASED BEVERAGES 	12
9.1 Filling and attaching the milk container.....	12
9.2 Your milk-based beverage at a touch.....	13
9.3 Customising the beverages.....	13
9.4 Recommended quantity of froth.....	13
9.5 Cleaning the milk container after use.....	14
10. TEA FUNCTION	14
11. DELIVERING HOT WATER 	14
11.1 Your beverage at a touch.....	14
11.2 Customising the beverages.....	15
12. STEAM DELIVERY 	15
12.1 Tips for using steam to froth milk.....	15
12.2 Cleaning the hot water/steam spout after use 15	
13. GUIDED BEVERAGE CUSTOMISATION (MY) 	15
14. SELECT YOUR PERSONAL PROFILE 	16
15. CLEANING 	16
15.1 Cleaning the machine.....	16
15.2 Cleaning the internal circuit.....	16
15.3 Cleaning the coffee grounds container.....	16
15.4 Cleaning the drip tray and drip tray grille.....	17
15.5 Cleaning the inside of the machine.....	17
15.6 Cleaning the water tank.....	17
15.7 Cleaning the coffee spouts.....	17
15.8 Cleaning the pre-ground coffee funnel.....	18
15.9 Cleaning the infuser.....	18
15.10 Cleaning the milk container.....	18
16. DESCALING 	19
17. SETTING WATER HARDNESS 	20
17.1 Measuring water hardness.....	20
17.2 Setting water hardness.....	20
18. WATER SOFTENER FILTER 	21
18.1 Installing the filter.....	21
18.2 Replacing the filter.....	21
20. DISPLAYED MESSAGES 	22
18.3 Removing the filter.....	22
19. TECHNICAL DATA	22
19.1 Tips for Energy Saving.....	22
21. TROUBLESHOOTING 	28

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 "20. Displayed messages" and "21. 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 up to 6 new beverages and save them in your appliance.

Please note!

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

2. DESCRIPTION

1.4 Description of the appliance (page 3 - A)

- A1. Pre-ground coffee funnel lid
- A2. Pre-ground coffee measure compartment
- A3. Pre-ground coffee funnel (removable)
- A4. Beans container

- A5. Beans container lid
- A6.  button: to turn the appliance on and off (standby)
- A7. Cup shelf
- A8. Connection nozzles access door
- A9. Connection nozzles
- A10. Main switch (ON/OFF)
- A11. Power cord connector socket
- A12. Swivelling control panel
- A13. Front door release button
- A14. Front door
- A15. Coffee spouts (adjustable height)
- A16. Coffee grounds container
- A17. Cup tray
- A18. Drip tray water level indicator
- A19. Drip tray grille
- A20. Drip tray
- A21. Water tank refill door
- A22. Water tank lid
- A23. Water tank
- A24. Infuser door
- A25. Removable infuser

2.1 Description of the homepage (main screen) (page 2 - B)

- B1. Display
- B2. Customisable profiles (see "14. SELECT YOUR PERSONAL PROFILE")
- B3. Scroll arrow
- B4. To display and customise the beverage settings
- B5. Directly selectable beverages
- B6. Appliance settings menu
- B7. Descaling required light
- B8. Milk container cleaning required
- B9. Filter exhausted light
- B10. No coffee beans light

2.2 Description of the accessories (page 2 - C)

- C1. "Total Hardness Test" indicator paper (attached to the Quick Guide)
- C2. Pre-ground coffee measure (in the compartment (A2))
- C3. Descaler
- C4. Water softener filter
- C5. Cleaning brush
- C6. Power cord
- C7. Tube brush
- C8. Cloth

2.3 Description of the milk container (page 2 - D)

- D1. Milk container lid
- D2. Milk container connector (removable for cleaning)

- D3. Milk refill lid
- D4. Milk container lid release button
- D5. Milk intake tube
- D6. Milk spout (adjustable height)
- D7. Milk container
- D8. Thermal casing

2.4 Description of hot water/steam spout

(page 2 - E)

- E1. Spout body
- E2. Spout connector (removable for cleaning)
- E3. Spout release button
- E4. Hot water/steam connection nozzle
- E5. Cappuccino maker

3. SETTING UP THE APPLIANCE

Please note!

- 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.
 - The first time you use the appliance, rinse all removable accessories which may come into contact with water or milk with hot water.
 - 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.
 - You should customise water hardness as soon as possible following the instructions in section "17. Setting water hardness".
 - The control panel (B) can be swivelled to make sure the homepage is always visible.
1. Plug the power cord connector (C6) into the socket (A11) at the back of the appliance and connect the appliance to the mains electricity supply (fig. 1). Make sure the main switch (A10) at the back of the appliance is pressed (fig. 2);
 2. Press the flag corresponding to the desired language. Then follow the instructions which appear on the appliance display (B1):
 3. Press the button (A13) and open the door (A14) (fig. 3);
 4. Remove the water tank (A23) (fig. 4) and fill to the MAX line (marked on the inside of the tank) with fresh water (fig. 5);
 5. Then put the tank back (fig. 6) and close the door;
 6. Check that the hot water/steam spout (E) is inserted on the connection nozzles (A9) (fig. 7) and place a container holding a minimum of 100 ml underneath (fig. 8);
 7. Press "Next".

8. Fill the beans container (A4) (fig. 12), then confirm by pressing "Next".
9. Press "OK" to fill the water circuit: the appliance delivers water from the spout (fig. 9);
10. The appliance goes off.

The coffee machine is now ready for normal use. Turn on following the instructions in section "4. Turning the machine on".

Please note!

- The first time you use the appliance, you need to make 4-5 cappuccinos before the results in the cup will be satisfactory.
- 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.
- When making the first 4-5 cappuccinos, it is normal to hear the noise of boiling water. After this, the noise becomes less.

4. TURNING THE MACHINE ON

Please note!

- Before turning the appliance on, make sure the main switch (A10) is pressed (fig. 2).
 - Each time the appliance is turned on, it performs an automatic preheat and rinse cycle which cannot be interrupted. The appliance is ready for use only after completion of this cycle.
1. To turn the appliance on, press the  button (A6) (fig. 10): the appliance comes on;
 2. When at temperature, the appliance performs a rinse cycle delivering hot water from the coffee spouts (A15); as well as heating the boiler, this also heats the internal circuits by circulating hot water.

Please note! Using for the first time:

3. Press "OK" to watch a short introductory video explaining the homepage (B);
 4. At the end of the video, press "OK" to go to the homepage (main screen) (or press "Repeat" to watch the video again).
- The appliance is at temperature when the homepage 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.

1. To turn the appliance off, press the  button (A6) (fig. 10).
2. If envisaged, the appliance performs a rinse cycle, delivering hot water from the coffee spouts (A15), then goes off (stand-by).

Please note!

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

3. Release the main switch (A10) at the back of the appliance (fig. 2).

Important!

Never press the main switch while the appliance is on.

6. MENU SETTINGS

6.1 Rinsing

Use this function to deliver hot water from the coffee spouts (A15) and hot water/steam spout (E), if inserted, to clean and heat the appliance's internal circuit.

Place a container with a minimum capacity of 100ml under the coffee and hot water spouts (fig. 8).

To enable the function, proceed as follows:

1. Press the settings menu (B7);
2. Select "Rinsing";
3. Press "OK" to start delivery: after a few seconds, hot water is delivered first from the coffee spouts, then from the hot water/steam spout (if inserted) to clean and heat the appliance's internal circuit (fig. 11);
4. To stop rinsing, press "Cancel" 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 (A16) to contain water.

6.2 Descaling

For instructions on descaling, see section "16. Descaling".

6.3 Clean milk container

This function can be used to clean the milk container (D) before putting it in the refrigerator. To clean, proceed as follows:

1. Attach the milk container to the connection nozzles (A9) and push as far as it will go (fig. 22). The machine emits a beep (if the beep function is enabled);
2. Adjust the milk spout (D6) by turning it anticlockwise (fig. 23);
3. Place a recipient under the milk spout (fig. 25);
4. Press the settings menu (B7);
5. Select "Clean milk container";
6. Press "OK" to start cleaning (fig. 26): hot water is delivered from the milk spout and stops automatically when cleaning is complete.
7. Before extracting the milk container, place the milk spout in the not-in-use position by turning clockwise.

Please note!

- Never extract the milk container by pulling the milk spout.
- To interrupt the cleaning cycle at any moment, press "Stop";
- In some cases, to clean you must wait for the appliance to heat up;
- The milk container can be kept in the refrigerator.

6.4 Adjust 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), they can be adjusted.

Proceed as follows:

1. Press the settings menu (B7);
2. Select "Adjust mill". A tutorial appears on the display (B1) with suggestions on the grinding level; if you want to skip this presentation, press "Skip" or "Next" to continue with the tutorial;
3. Follow the previous instructions in the tutorial to select the required grinding fineness by pressing directly on one of the selectable numbers in the highlighted interval;
4. Press "OK" to confirm the selection: "The result in the cup will be perceived after about 5 deliveries";
5. Press "OK" to confirm and go back to the homepage (B) with the new selection saved.

Please note!

- After carrying out the above procedure, we recommend delivering at least 5 coffees before adjusting again. If coffee delivery is still not correct, repeat the procedure.
- You cannot adjust more than one grinding level at a time unless at least two coffee-based beverages have been made.
- Press "Default" to reset the default values of the coffee mill (indicated by a star).

6.5 Water filter

For instructions on the filter (C6), see section "18. Water softener filter".

6.6 Water hardness

For instructions on setting water hardness, see section "17. Setting water hardness".

6.7 General

1. Press the settings menu (B7);
2. Select "General";

Here you can enable or disable the following functions with a simple touch:

- "Beep": when enabled, the appliance beeps whenever an operation is performed.

- "Cup lighting": This function enables or disables the cup lights under the coffee spouts (A15).
- "Energy saving": use this function to enable or disable energy saving. When enabled, the function reduces energy consumption in compliance with European regulations. When enabled, the  symbol appears on the icon in the settings menu (B6).

6.8 Auto-off

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 the settings menu (B7);
2. Select "Auto-Off";
3. Select the desired time interval (15 or 30 minutes, or 1, 2 or 3 hours).
4. Press "←" to save the new selection and go back to the homepage (B).

6.9 Bluetooth

This function enables or disables the protection PIN to connect to the appliance from a mobile device. Proceed as follows:

1. Press the settings menu (B7);
2. Select "Bluetooth";
3. Enable or disable PIN protection by pressing the cursor corresponding to "PIN protection".
4. Press "←" to save the new selection and go back to the homepage (B).

Please note!

- The serial number of the appliance, visible in the "Bluetooth" function, enables it to be identified unambiguously when an association is created between the coffee machine and the App.
- The preset PIN is "0000". You are recommended to customise the PIN directly from the App.

6.10 Selecting the language

To modify the language of the display (B1), proceed as follows:

1. Press the settings menu (B7);
2. Select "Select language";
3. Press the flag corresponding to the language you want to set (press "Next" or "Back" to display all the languages available). The display is immediately updated with the selected language.
4. Press "←" to save the new selection and go back to the homepage (B).

6.11 Emptying the circuit

To avoid the water in the circuit freezing if the appliance is to be left idle for a long period of time, or before taking it to customer services, we recommend emptying the water circuit.

Proceed as follows:

1. Press the settings menu (B7);
2. Select "Empty water circuit";
3. Press "OK" to start the guided procedure;
4. Empty the grounds container (A16) and drip tray (A20), then press "Next";
5. Position a 0.5 L container under the coffee spouts (A15). Press "OK";
6. The appliance performs a rinse cycle with hot water from the spouts;
7. When the rinse cycle has ended, press the button (A13), open the door (A14) (fig. 3), extract the water tank (A23) (fig. 4), empty it, then press "Next";
8. If present, remove the water softener filter (C6) from the water tank and press "Next";
9. Put the water tank (empty) back in the appliance, close the front door and press "OK";
10. Wait for the appliance to empty the circuit; (Important: hot water from the spouts!). As the water circuit empties, the appliance could become noisier. This is part of normal operation.
11. When the circuits are empty, open the front door, extract and empty the drip tray, put back in the appliance and press "Next";
12. Press "OK". The appliance goes off (standby).

The next time the appliance is turned on, follow the instructions in section "3. Setting up the appliance ".

6.12 Edit profile

You can use this function to modify the image and colour of the icon for each profile. To customise the icon, proceed as follows:

1. Press the settings menu (B7);
2. Select "Edit profile";
3. Select the profile and press "Next";
4. Customise as you wish, then press "OK" to continue.
5. Press "←" to save the new selection and go back to the homepage (B).

6.13 Default values

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

Proceed as follows:

1. Press the settings menu (B7);
2. Select "Default values";
3. To reset the appliance to the default values, press "OK"; otherwise to reset the individual profile, press the arrow to pass to the next screen, select the profile to reset and press "OK";
4. Press "OK" again to confirm the reset to default values;
5. Press "OK" to exit the menu and go back to the homepage (B).

Please note!

When the appliance (not the individual profile) has been reset to the default values, the machine proposes the introductory video again.

6.14 Statistics

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

1. Press the settings menu (B7);
2. Select "Statistics". To display the information and scroll between screens, press "Next" or "Back".
3. Press "←" to go back to the homepage (B).

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. 12);
2. Place 1 or 2 cups under the coffee spouts (A15);
3. Lower the spouts as near as possible to the cup (fig. 13). This makes a creamier coffee.
4. Select the coffee you want to make as described in the following paragraphs.

7.2 Your coffee at a touch

To deliver coffee-based beverages, press the image on the homepage (B) corresponding to the desired coffee (e.g. espresso, fig. 14). The appliance proceeds with preparation. The image of the selected beverage appears on the display (B1), together with a progress bar which gradually fills as the operation proceeds and a description of each individual phase (grinding, brewing coffee).

At the end of preparation, the message "Your beverage is ready!" appears on the display (B1). The appliance is now ready to be used again.

7.3 Customising the beverages

To make coffee-based beverages with customised parameters, proceed as follows:

1. Press  (B5) at the bottom of the image corresponding to the desired coffee (e.g. Espresso, fig. 15). The parameters that can be customised according to your tastes appear on the display (B1):

Length	
Aroma	
Coffee type	

Temperature	
-------------	------------------------------------------------------------------------------------

Please note!

If you set the "Coffee type" to pre-ground and then select a beverage not suitable for this mode, the message "PRE-GROUND MODE IS NOT ALLOWED WITH THIS BEVERAGE" appears on the display (B1).

2. After setting the parameters, press 1 X  to make 1 cup, or (if possible for the selected beverage) 2 X  to make 2 cups. The appliance starts making the coffee and the image of the selected beverage appears on the display, together with a progress bar which gradually fills as the operation proceeds and a description of each individual phase (grinding, brewing coffee);
3. When delivery has ended, press "Save" to save the new settings, or "Cancel" to retain the previous parameters.

Please note!

If you save the new settings, they are memorised ONLY in the selected profile.

4. Press "OK" to go back to the homepage (B). The appliance is ready to be used again.

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 (C2) as it could soil the inside of the coffee machine or block the funnel (A3).
- When using pre-ground coffee, only one cup can be made at a time.
- Making **LONG** coffee: halfway through preparation, when requested by the appliance, add one level measure of pre-ground coffee and press "OK".
- You cannot make a **DOPPIO+** coffee using pre-ground coffee.

1. Lift the pre-ground coffee funnel lid (A1) (fig. 16). Press "Next" to proceed (or "Cancel" to stop and go back to the homepage (B));
2. Make sure the funnel (A3) is not blocked, then add one level measure (C2) of pre-ground coffee (fig. 13);
3. Press "OK" to proceed with preparation;
4. On the display (B1), the homepage appears with the message "PRE-GROUND MODE": proceed as described in section "7.2 Your coffee at a touch" or "7.3 Customising the beverages" above.

Please note!

To exit pre-ground mode, after point 3, open the lid of the pre-ground coffee funnel again and press "Cancel".

7.5 General indications for making coffee-based beverages

- While the machine is making coffee, delivery can be interrupted at any moment by pressing "Stop" or "Cancel".
- As soon as delivery has ended, to increase the quantity of coffee, just press "Extra". When the required quantity is reached, press "Stop".
- Various alarm messages may appear on the display (B1) while using the appliance ("FILL TANK WITH FRESH WATER", "EMPTY GROUNDS CONTAINER", "EMPTY DRIP TRAY" etc.). Their meaning is explained in section "20. Displayed messages".
- If the coffee emerges drop-by-drop, too weak and not creamy enough, or too cold, read the tips in sections "6.4 Adjust mill" and "21. Troubleshooting".
- If "Energy Saving" mode is active, you may have to wait a few seconds before the first coffee is delivered

7.6 Tips for a hotter coffee

For hotter coffee, proceed as follows:

- perform a rinse cycle by selecting "Rinsing" in the settings menu (B7) (section "6.1 Rinsing");
- warm the cups with hot water using the hot water function (see section "11. Delivering hot water");
- increase the coffee temperature (section "7.3 Customising the beverages").

8. CARAFE OF COFFEE

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

Optional accessories:	
	Jug (capacity 1 litre) EAN: 8004399333642

To make the beverage, press the image on the homepage (B) corresponding to the carafe of coffee and proceed as follows:

1. Adjust the parameters that can be customised according to your tastes:

Cups	<input checked="" type="radio"/> 2X  <input type="radio"/> 4X  <input type="radio"/> 6X 
Aroma	<input type="radio"/>  <input type="radio"/>  <input type="radio"/>  <input type="radio"/>  <input checked="" type="radio"/> 
Coffee type	<input checked="" type="radio"/>  <input type="radio"/> 

Temperature	<input checked="" type="radio"/>  <input type="radio"/>  <input type="radio"/>  <input type="radio"/> 
-------------	----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------

2. Position a carafe under the coffee spouts (A15). When choosing the carafe to use, bear in mind the quantity to be delivered, namely:

Selected quantity	Quantity (ml)
2X 	250
4X 	500
6X 	750

3. Press "Next" to move on to the next step;
4. If you select 4 or 6 cups, fill the water tank and beans container, then when you have made sure the water and coffee is sufficient, press "OK";
5. The appliance proceeds with preparation and the image of the selected beverage appears on the display (B1), together with a progress bar which gradually fills as the operation proceeds and a description of each individual phase (grinding, brewing coffee).

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

Please note!

- "Cancel" or "Stop": press to stop preparation completely and go back to the homepage.

SAFETY WARNING:

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

9. MAKING MILK-BASED BEVERAGES

Please note!

To avoid milk with poor froth or large bubbles, always clean the milk container (D) as described in sections "9.5 Cleaning the milk container after use" and "15.10 Cleaning the milk container".

9.1 Filling and attaching the milk container

1. Press the release buttons (D4) and lift the lid (D1) (fig. 18);
2. Fill the milk container (D7) with a sufficient quantity of milk, not exceeding the MAX level marked on the container (fig. 19). Each mark on the container corresponds to about 100 ml of milk;

Please note!

- For a denser more even froth, you must use skimmed or partially skimmed milk at refrigerator temperature (about 5°C).

- If "Energy Saving" mode is enabled (see section "6.7 General"), you may have to wait a few seconds before the beverage is delivered.
 - When using milk at the ideal temperature (about 5°C), the thermal casing guarantees the efficiency of the MilkCream system for about 30 minutes outside the refrigerator.
 - The quality of the froth will vary depending on:
 - type of milk or vegetable beverage;
 - brand used;
 - ingredients and nutritional value.
3. Make sure the milk intake tube (D5) is correctly inserted on the bottom of the milk container lid (fig. 20);
 4. Attach the lid back on the milk container;

Please note!

The milk container lid incorporates a refill lid (D3). If during preparation you notice that the level of the milk is low, add milk through the refill lid without extracting the container, then complete preparation of the beverage.

5. If present, extract the hot water/steam spout (E1) by pressing the release button (E3) (fig. 21);
6. Attach the milk container (D) to the connection nozzles (A9) and push as far as it will go (fig. 22). The machine emits a beep (if the beep function is enabled);
7. Adjust the milk spout (D6) by turning it anticlockwise (fig. 23);
8. Place a sufficiently large cup under the coffee spouts and milk spout (A15) (fig. 24);
9. Select the desired beverage as described in the following paragraphs.

9.2 Your milk-based beverage at a touch

To deliver milk-based beverages, on the homepage (B), press the image corresponding to the desired beverage. The appliance proceeds with preparation and the image of the selected beverage appears on the display (B1), together with a progress bar which gradually fills as the operation proceeds and a description of each individual phase (grinding, brewing coffee, milk delivery, etc.).

At the end of preparation, the message "Your beverage is ready!" appears on the display. The appliance is now ready to be used again.

Please note!

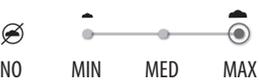
As soon as delivery has ended, to increase the quantity of coffee, just press "Extra". When the required quantity is reached, press "Stop".

9.3 Customising the beverages

To deliver a customised milk-based beverage, proceed as follows:

1. Press  (B5) at the bottom of the image corresponding to the desired beverage. The parameters that can be

customised according to your tastes appear on the display (B1):

"Quantity"	
"Froth"	
"Aroma"	
"Coffee type"	
"Temperature"	

2. After setting the parameters, press 1 X  to make one or (if possible for the selected beverage) 2 X  to make two cups;
3. The appliance proceeds with preparation and the image of the selected beverage appears on the display, together with a progress bar which gradually fills as the operation proceeds and a description of each individual phase (grinding, milk delivery, brewing coffee, etc.).
4. When delivery has ended, press "Save" to save the settings, or "Cancel" to retain the previous parameters.

Please note!

If you save the new settings, they are memorised ONLY in the selected profile.

5. Press "OK" to go back to the homepage (B).

The appliance is ready to be used again.

9.4 Recommended quantity of froth

Each milk-based beverage corresponds to a default amount of froth (see following table).

Description	Recommended for...
"NO" FROTH 	CAFFELATTE
"MIN" FROTH 	FLAT WHITE
"MED" FROTH	MACCHIATO / 2X MACCHIATO
"MAX" FROTH 	CAPPUCCINO / 2X CAPPUCCINO / CAPPUCCINO+ / ESPRESSO MACCHIATO / CAPPUCCINO MIX / 2X CAPPUCCINO MIX / HOT MILK (frothed)

A different amount of froth can be set according to your personal tastes, following the instructions in section "9.3 Customising the beverages".

Please note!

The performance of the milk system and quality of the froth depend on the type of milk or vegetable beverage used. If the froth produced is not correct, reduce/modify the amount of froth from the display of the selected recipe (see instructions in previous section).

9.5 Cleaning the milk container after use

Each time you make a milk-based beverage, the message "PRESS OK TO START CLEANING OR Cancel TO SELECT A NEW BEVERAGE" appears on the display (B1). To start cleaning, proceed as follows:

1. Leave the milk container (D) in the machine (you do not need to empty it);
2. Place a cup or other recipient under the frothed milk spout (D6) (fig. 25);
3. Press "OK" to start cleaning,;
4. Hot water is delivered from the milk spout (fig. 26) and stops automatically when cleaning is complete.
5. Before extracting the milk container, place the milk spout in the not-in-use position by turning clockwise.

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 milk container" message is displayed, press "Cancel".
- If you do not clean the milk container, the  symbol (B9) appears on the display to remind you that cleaning is required. To clean, see the section "6.3 Clean milk container".
- The milk container can be kept in the refrigerator.
- In some cases, to clean you must wait for the appliance to heat up.
- You can interrupt cleaning of the milk container by pressing "Stop".
- Never extract the milk container by pulling the milk spout (D6).

10. TEA FUNCTION

To make tea, proceed as follows:

1. Attach the hot water/steam spout (E) to the connection nozzles (A9) (fig. 7): the appliance beeps (if the beep function is enabled);
2. Put a tea bag in the cup, then place the cup under the spout (as close as possible to avoid splashes) (fig. 27);
3. To make the beverage, press the image on the homepage (B) corresponding to the tea function;
4. Adjust the parameters that can be customised according to your tastes:

"Quantity"	
"Temperature"	 <i>A different tea (white, green, oolong or black) appears with each water temperature</i>

5. Press "OK" to start delivery: the appliance proceeds with preparation and the image of the beverage appears on the display (B1) together with a progress bar which gradually fills as the operation proceeds and a description of the phase (water delivery);
6. At the end of preparation, the message "Your beverage is ready! Save new settings?" appears on the control panel. "Save new settings?": press "Save" to save the settings, or "Cancel" to retain the previous parameters;

The appliance is now ready to be used again.

Please note!

- If "Energy Saving" mode is active, you may have to wait a few seconds before the hot water is delivered.
- To stop delivery manually, press "Stop" or "Cancel".
- As soon as delivery has ended, to increase the quantity of water in the cup, just press "Extra". When the required quantity is reached, press "Stop".
- Each tea (white, green, oolong or black) is associated with a specific water temperature.

11. DELIVERING HOT WATER

To deliver hot water, proceed as follows:

1. Attach the hot water/steam spout (E) to the connection nozzles (A9) (fig. 7): the appliance beeps (if the beep function is enabled);
2. Place a cup under the spout (as close as possible to avoid splashes) (fig. 28).
3. Select the function as described in the following paragraphs.

11.1 Your beverage at a touch

Press the image on the homepage (B) corresponding to hot water. The appliance proceeds with preparation and the image of the beverage appears on the display (B1) together with a progress bar which gradually fills as the operation proceeds and a description of the phase (water delivery).

At the end of preparation, the message "Your beverage is ready!" appears on the display. The appliance is now ready to be used again.

Please note!

As soon as delivery has ended, to increase the quantity of water in the cup, just press "Extra". When the required quantity is reached, press "Stop".

11.2 Customising the beverages

To deliver the desired quantity of hot water, proceed as follows:

1. Press  (B5) at the bottom of the image corresponding to hot water. The selectable quantities appear on the display (B1):



2. After selecting the quantity, press 1 X : The appliance proceeds with preparation and the image of the beverage appears on the display together with a progress bar which gradually fills as the operation proceeds and a description of the phase (water delivery).
3. At the end of delivery, the message: "Your beverage is ready! Save new settings?" is displayed;
4. Press "Save" to save the settings (or "Cancel" to retain the previous parameters).

The appliance is now ready to be used again.

Please note!

- If "Energy Saving" mode is active, you may have to wait a few seconds before the hot water is delivered.
- To interrupt delivery of hot water manually, press "Stop" and "Cancel".

12. STEAM DELIVERY

To deliver steam, proceed as follows:

1. Attach the hot water/steam spout (F) to the connection nozzles (A9) (fig. 7): the appliance beeps (if the beep function is enabled);
2. Fill a container with the liquid to be heated or frothed and immerse the hot water/steam spout in the liquid (fig. 29);
3. Press the image on the homepage (B) corresponding to steam. The appliance proceeds with preparation and the image of the beverage appears on the display (B1) together with a progress bar which gradually fills as the operation proceeds and a description of the phase (steam delivery);
4. When the required temperature or level of froth is obtained, interrupt steam delivery by pressing "Stop" or "Cancel".

Important!

Always shut off the steam before the container with the heated liquid is drawn clear of the spout, as splashes can cause scalding.

Please note!

If "Energy saving" is active, you may have to wait a few seconds before steam is delivered.

12.1 Tips for using steam to froth milk

- When choosing the appropriate size of container, remember that the liquid will double or triple in volume.
- For a richer and denser froth, use skimmed or partially skimmed milk from the refrigerator (about 5°C).

- For a creamier froth, swirl the container slowly, moving it from the bottom upwards.
- To avoid producing milk with poor froth or large bubbles, always clean the spout (E) as described in the following section.

12.2 Cleaning the hot water/steam spout after use

Always clean the hot water/steam spout (E) after use to avoid the build-up of milk residues and prevent it from clogging.

1. Place a container under the hot water/steam spout and deliver a little water (see section "11. Delivering hot water "). Stop delivery of hot water by pressing "Stop";
2. Wait a few minutes for the hot water/steam spout to cool down, then extract (fig. 21) by pressing the release button (E3);
3. Turn the connector (E2) clockwise and extract (fig. 30);
4. Hold the spout (E1) with one hand and with the other, turn the cappuccino maker (E5) and pull it downwards (fig. 31). Also remove the steam connection nozzle (E4) by pulling it downwards;
5. Check the hole in the connection nozzle is not blocked. If necessary, clean using a toothpick.
6. Wash all components of the spout thoroughly with a sponge and warm water. Use the tube brush (C7) to scrape off any milk residues.
7. Replace all the spout components correctly.

13. GUIDED BEVERAGE CUSTOMISATION (MY)



You can use this function to customise all beverages with the MY symbol at the bottom of the image in beverage settings (on the homepage (B), press  at the bottom of the image corresponding to the required beverage). To customise, proceed as follows:

1. Make sure the profile (B2) for which you want to customise the beverage is active;
2. Press  (B5) at the bottom of the image corresponding to the desired beverage;
3. Press  at the bottom of the image corresponding to the beverage;
4. Press "OK" to follow the guided procedure;
5. Select your preference and press "Next" to move on to the next step (or "Back" to go back to the previous screen);
6. Press "OK" to begin delivery;
7. Preparation begins and the appliance displays the quantity customising screen in the form of a vertical bar (in the case of beverages with milk and coffee, customise both ingredients).

8. When the quantity reaches the minimum amount you can set, "Stop" appears on the display (B1).
9. When the required quantity has been delivered into the cup, press "Stop".
10. If the result in the cup is as you want, press "Save", otherwise press "Cancel".
11. Press "OK" to go back to the homepage .

The appliance goes back to the homepage.

Please note!

- When you customise a single beverage, the respective double version is also customised and the appliance displays the message "Settings saved on both double and single option";
- You can also customise the beverages by connecting with the DeLonghi Coffee Link App.
- Press "Cancel" to exit programming at any moment. The values will not be saved.
- When a beverage has been customised, "Reset" (under the image) and "my" (among the quantity selections) appear in the settings. Press "Reset" to reset the default values for the beverage.

Beverage quantity table		
Beverage	Standard quantity	Programmable quantity
ESPRESSO	40 ml	20-180 ml
COFFEE	180 ml	100-240 ml
LONG	160 ml	115-250 ml
DOPPIO+	120 ml	80-180 ml
AMERICANO	150 ml	70-480 ml
TEA	150 ml	20-420 ml
HOT WATER	250 ml	20-420 ml

14. SELECT YOUR PERSONAL PROFILE 

The appliance allows you to memorise 6 different profiles (B2), each associated with a different icon (fig. 32).

The customised beverage settings are saved in each profile (see

section "13. Guided beverage customisation (My)  "). The order in which all the beverages are displayed is based on the frequency of selection.

To select a profile, proceed as follows:

1. From the homepage (B), press the profile currently in use (B2). A list of selectable profiles appears;
2. Then select the required profile.

Please note!

- After making your selection, the beverage settings bars will all appear in the same colour as the profile;
- You can rename your personal profile by connecting with the DeLonghi Coffee Link App;
- To customise the profile icon, see section "6.12 Edit profile".

15. CLEANING 

15.1 Cleaning the machine

The following parts of the machine must be cleaned regularly:

- the appliance's internal circuit;
- coffee grounds container (A16);
- drip tray (A20) and drip tray grille(A19);
- water tank (A23);
- coffee spouts (A15);
- pre-ground coffee funnel (A3);
- infuser (A25), accessible after opening the infuser door (A24);
- milk container (D);
- hot water/steam spout (E) (see section "12.2 Cleaning the hot water/steam spout after use"
- control panel(A12).

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.
- The components of the appliance can be washed in a dishwasher, with the exception of the water tank (A23) and lid (A22) and the thermal casing (D8) of the milk container (D).
- Do not use metal objects to remove encrustations or coffee deposits as they could scratch metal or plastic surfaces.

15.2 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 "6.1 Rinsing") with the hot water/steam spout (E) attached to the appliance.

Please note!

After cleaning, it is normal for the grounds container (A16) to contain water.

15.3 Cleaning the coffee grounds container

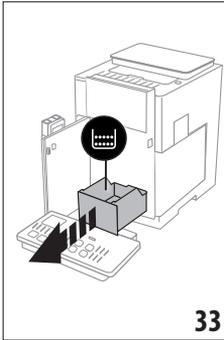
When "EMPTY GROUNDS CONTAINER" appears on the display (B1), the grounds container must be emptied and cleaned. The appliance cannot be used to make coffee until you have cleaned the grounds container (A16). Even if not full, the empty grounds container message is displayed 72 hours after the first coffee has been prepared. For the 72 hours to be calculated correctly, the machine must never be turned off with the main switch (A10).

Important! Danger of scalding

If you make a number of milk-based beverages one after the other, the metal cup tray (A17) 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. Press the button (A13) and open the front door (A14) (fig. 33);
2. Remove the drip tray (A20) and grounds container (A16) (fig. 33);



3. Empty the grounds container and clean thoroughly to remove all residues left on the bottom. This can be done using the spatula on the brush (C5) provided.
4. Put the drip tray complete with grille and grounds container back in the appliance, then close the front door.

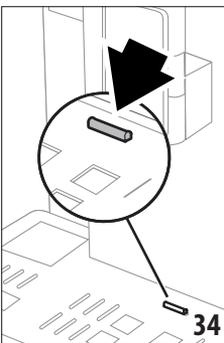
Important!

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.

15.4 Cleaning the drip tray and drip tray grille

Important!

The drip tray (A20) is fitted with a level indicator (A18) (red) showing the amount of water it contains (fig. 34). Before the indicator protrudes from the cup tray (A17), the drip tray 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:



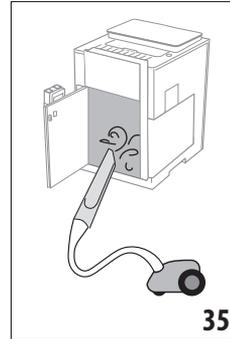
1. Press the button (A13) and open the front door (A14) (fig. 3);
2. Remove the drip tray and coffee grounds container (A16) (fig. 33);
3. Remove the cup tray (A17) and drip tray grille (A19), then empty the drip tray and grounds container and wash all components.
4. Put the drip tray complete with grille and grounds container back in the appliance, then close the front door.

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.

15.5 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. Regularly (about once a month), check that the inside of the appliance (accessible after pressing the button (A13), opening the front door (A14) (fig. 3) and

removing the drip tray (A20)) is not dirty.

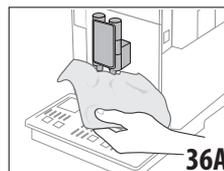
If necessary, remove coffee deposits with the brush (C5) supplied and a sponge.

2. Remove all residues with a vacuum cleaner (fig. 35).

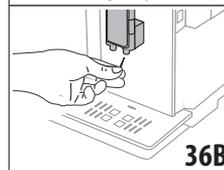
15.6 Cleaning the water tank

Clean the water tank (A23) regularly, about once a month and whenever you replace the water softener filter (C6).

1. Press the button (A13) and open the door (A14) (fig. 3);
2. Extract the water tank (fig. 4), remove the water softener filter (if present) and rinse it with running water;
3. Empty the water tank and clean with a damp cloth and a little washing up liquid. Rinse thoroughly with water;
4. Put the filter back in the appliance (fig. 53), fill the tank with fresh water up to the MAX level (marked inside) (fig. 5), put the tank back (fig. 6) and close the door;



5. (models with a water softener filter only) Deliver 100ml of hot water (see "11. Delivering hot water" ()) to reactivate the filter.

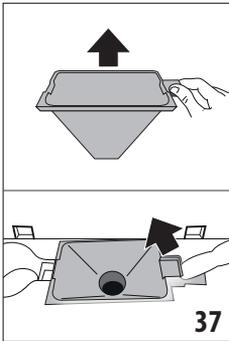


15.7 Cleaning the coffee spouts

1. Clean the coffee spouts (A15) regularly with a sponge or the cloth (C8) provided (fig. 36A);

- Check that the holes in the coffee spout are not blocked. If necessary, remove coffee deposits with a toothpick (fig. 36B).

15.8 Cleaning the pre-ground coffee funnel



Clean the pre-ground coffee funnel (A3) regularly (about once a month) with a damp cloth. Proceed as follows:

- Open the lid (A1) (fig. 16);
- Extract the funnel (fig. 37) and clean with the brush provided (C5);
- If necessary, clean the funnel with hot water and washing up liquid or in a dishwasher;
- Put the funnel back in the appliance;

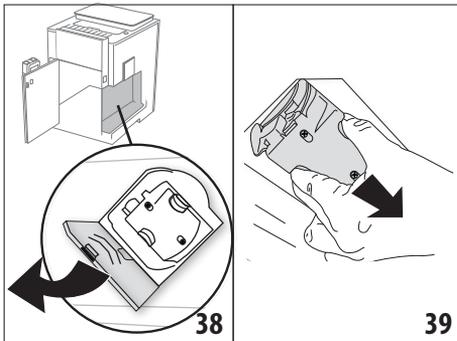
- Close the lid.

15.9 Cleaning the infuser

The infuser (A25) must be cleaned at least once a month.

Important!

The infuser cannot be extracted when the machine is on.



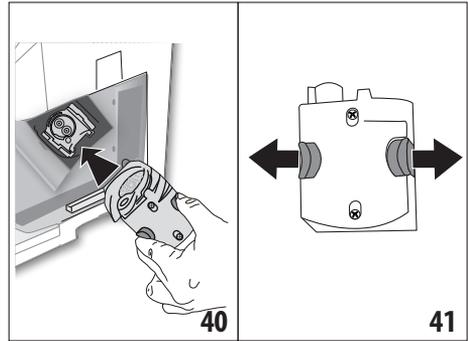
- Make sure the machine is correctly turned off (see section "5. Turning the appliance off");
- Press the button (A13), open the door (A14) and extract the water tank (A23) (fig. 4);
- Open the infuser door (A24) (fig. 38) on the right side of the appliance;
- Press the two coloured release buttons inwards and at the same time pull the infuser outwards (fig. 39);
- Soak the infuser in water for about 5 minutes, then rinse under the tap;

Important!

RINSE WITH WATER ONLY

NO WASHING UP LIQUID - NO DISHWASHER

- Clean the infuser without using washing up liquid as it could be damaged.
- Use the brush (C5) to remove any coffee residues left in the infuser housing, visible through the infuser door;
- After cleaning, put the infuser back in the appliance, inserting it in the support (fig. 40);

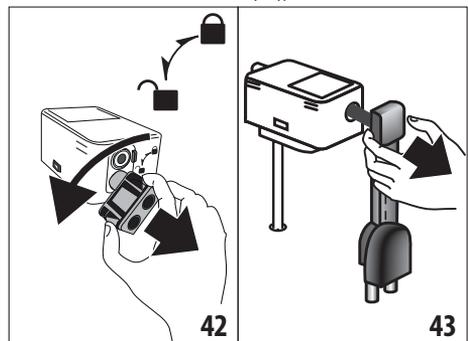


- Once inserted, make sure the two coloured buttons have snapped out (fig. 41);
- Close the infuser door;
- Put the water tank back and close the front door.

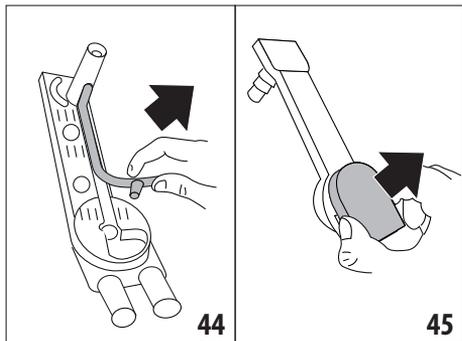
15.10 Cleaning the milk container

To keep the frother efficient, clean the milk container (D) every two days as described below:

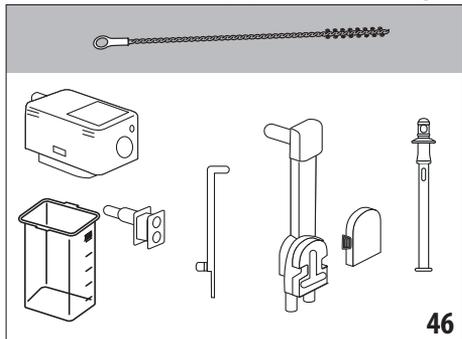
- Press the release buttons (D4) and extract the lid (D1) (fig. 18);
- Extract the milk intake tube (D5);



- Turn the connector (D2) anticlockwise (fig. 42) and extract;
- Remove the milk spout (D6) by pulling (fig. 43). When extracted, remove the transparent tube inside (fig. 44) and the lid located above the spouts (fig. 45);



5. Extract the milk container (D7) from the thermal casing (D8);



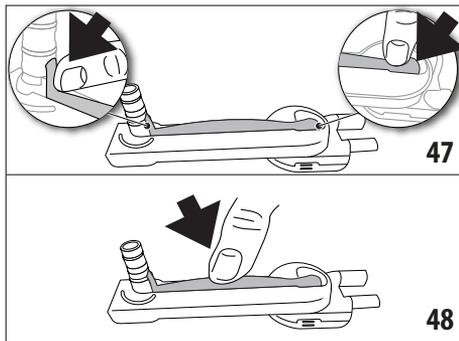
6. Wash all the components thoroughly with hot water and mild washing-up liquid. All components (**except the thermal casing**) are dishwasher safe, placing them in the top basket of the dishwasher. Make sure there are no milk residues on the lid components. If necessary, use the tube brush (C7) to scrape off any milk residues (fig. 46);

7. Rinse the holes under running water;

8. Make sure the milk intake tube and milk spout are not clogged with milk residues. Use the tube brush to clean them thoroughly;

9. Place the milk container back in the thermal casing;

10. Insert the transparent tube into the milk spout, inserting it first in the hole nearest the connector, then in the hole nearest the spouts (fig. 47). After fully inserting the ends, push for the full length of the tube, making sure it is inserted correctly (fig. 48);



11. Reassemble all the lid components;

12. Place the lid back on the milk container.

16. DESCALING

Important!

- Before use, read the instructions and the labelling on the descaler pack.
- It is important to 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.

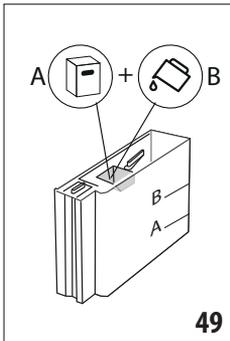
To descale	
Descaler	De'Longhi descaler
Container	Recommended capacity: 2 l
Time	~45min

Descale the appliance when the corresponding message appears on the display (B1). To descale the appliance immediately, press "OK" and follow the instructions from point (6).

To descale the appliance later, press "Cancel". The  symbol (B8) appears on the homepage (B) to remind you that the appliance needs descaling. (The message appears each time you turn the appliance on).

To access the descaling menu:

1. On the display, press the settings menu icon (B7);
2. Select "Descal";
3. Press "OK" to enter the guided descaling procedure;
4. Press the button (A13) and open the door (A14) (fig. 3). Remove and empty the drip tray (A20) and coffee grounds container (A16), then put both back in the appliance and press "Next";
5. (If the filter is installed): extract the water tank (A23), lift the lid(A22) and remove the filter(C6), then press "Next";



6. Pour the descaler into the tank up to the level A marked inside the tank (equal to one 100ml packet), then add water (litre) up to level B (fig. 49). Put the water tank (with lid) back in the appliance, close the front door and press "Next";

7. Place an empty container with a minimum capacity of 2 litres under the hot water/steam spout (E) and coffee spouts (A15) (fig. 8). Press OK to start the process ("Back" to go back to the previous screen or "Cancel" to exit the procedure, remembering to remove the descaling solution from the tank)

Important! Danger of scalding

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

8. The descale programme starts and the descaler liquid comes out of the hot water and coffee spouts (fig. 11). A series of rinses is performed automatically to remove all the scale residues inside the coffee machine;

After about 30 minutes, descaling stops;

9. The appliance is now ready for rinsing through with clean water. Empty the container used to collect the descaler solution; open the front door by pressing the button, extract the water tank, empty, rinse under running water, fill with fresh water up to the MAX level and put back in the appliance. Close the front door. Press "Next";
10. Place the container used to collect the descaler solution empty under the coffee spouts and hot water/steam spout and press "OK" to start rinsing;
11. Hot water is delivered from the coffee spouts and hot water/steam spout;
12. When the water in the tank has run out, empty the container used to collect the rinsing water;
13. (If the filter was installed): press the button and open the front door; extract the water tank and, if removed previously, put the filter back. Press "Next" to continue;
14. Fill the tank with fresh water up to the MAX level, put back in the appliance, close the door and press "Next" to continue;

15. Place the container used to collect the descaler solution empty under the hot water/steam spout and press "OK" to start rinsing;
16. Rinsing starts and water is delivered from the hot water/steam spout;
17. When the water in the tank has run out, empty the container used to collect the rinsing water, press the button and open the front door, remove and empty the drip tray (A12) and grounds container (A8), then put back in the appliance;
18. Extract the water tank, top up to the max level, put back in the appliance and close the front door, then press "Next"
19. The descaling process is now complete. Press "OK". The appliance performs a rapid preheat cycle and then goes back to the homepage.

Please note!

- If the descaling cycle is not completed correctly (e.g. no electricity) we recommend repeating the cycle;
- After descaling, it is normal for the grounds container (A16) 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.

17. SETTING 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 "Level 4". The machine can also be programmed according to the hardness of the mains water in the various regions so that the machine needs to be descaled less often.

17.1 Measuring water hardness

1. Remove the "Total hardness test" indicator paper (C1) from its pack (attached to the Quick Guide).
2. Immerse the paper completely in a glass of water for one second.
3. Remove the paper from the water and shake lightly. After about a minute, 1, 2, 3, or 4 red squares form, depending on the hardness of the water. Each square corresponds to one level.

17.2 Setting water hardness

1. On the display (B1), press the settings menu icon (B7);
2. Select "Water hardness";
3. Carry out the procedure described in the previous section and measure water hardness;
4. Press the dot corresponding to the water hardness measured previously as indicated in the following table:

Total Hardness Test (C1)	Water hardness
	Level 1
	Level 2
	Level 3
	Level 4

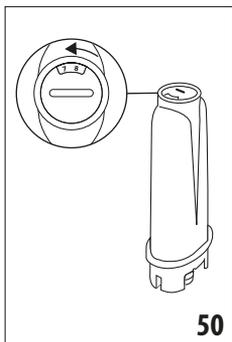
- The machine is now reprogrammed with the new water hardness setting.
- Press " \leftarrow " to go back to the homepage (B).

18. WATER SOFTENER FILTER

Certain models are fitted with a water softener filter (C6). 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.

18.1 Installing the filter



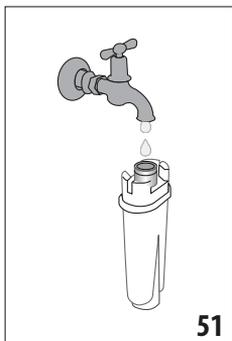
50

- Press the settings menu (B7);
- Select "Water filter";
- Press "OK" to enter the guided procedure
- Remove the filter from the packaging and turn the date indicator to view the next two months (fig. 50);

Please note!

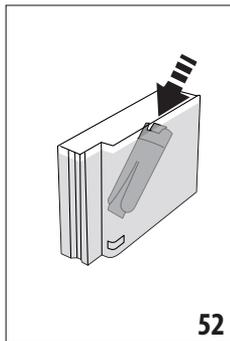
The filter lasts about two months if the appliance is used

normally. If the coffee machine is left unused with the filter installed, it will last a maximum of 3 weeks.

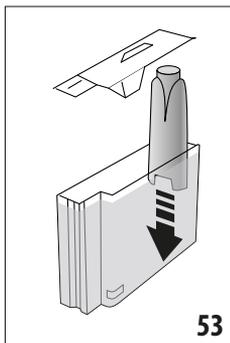


51

- Press "Next" to continue (" \leftarrow " to go back to the previous screen; "Cancel" to cancel the operation);
- To activate the filter, run tap water through the hole in the centre of the filter (fig. 51) until it comes out of the openings at the side for more than a minute. Press "Next";
- Press the button (A13), open the front door (A14)



52



53

(fig. 3), extract the water tank (A23) (fig. 4) 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 (fig. 52). Press "Next";

- Insert the filter in the filter housing (fig. 53) and press as far as it will go; press "Next";
- Close the tank with the lid (A22), then put the tank back in the machine (fig. 6) and close the front door. Press "Next";
- Place an empty container with a minimum capacity of 0.5 litres under the hot water/steam spout (E) (fig. 8) and press "OK" to activate the filter;

- The appliance delivers hot water, then stops automatically. Press "OK" to go back to the homepage (B);
- The filter is now active and you can use the coffee machine.

18.2 Replacing the filter

Replace the filter (C6) when the corresponding message appears on the display (B1). To replace the filter immediately, press "OK" and follow the instructions from point 6. To replace the filter later, press "Cancel". The symbol (B10) appears on the display to remind you that the filter needs replacing.

To replace, proceed as follows:

- Remove the new filter from the packaging;
- Press the settings menu (B7);
- Select "Replace water filter";
- Press "OK" to enter the guided procedure;
- Press the button (A13), open the front door (A14) (fig. 3) and extract the water tank (A23) and exhausted filter. Press "Next" to continue (" \leftarrow " to go back to the previous screen; "Cancel" to cancel the operation);
- Follow the operations described in the previous section from point (4).

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.

18.3 Removing the filter

If you want to use the appliance without the filter (C6), you must remove it and notify the appliance of its removal. Proceed as follows:

1. Press the settings menu (B7);
2. Select "Remove water filter";
3. Press the button (A13), open the front door (A14) (fig. 3) and extract the water tank (A23) and exhausted filter. Re-insert the tank (fig. 6) and close the front door;
4. Press "OK" to confirm removal of the filter;
5. The change has been saved. Press "OK" to go back to the homepage (B).

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.

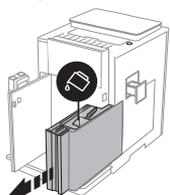
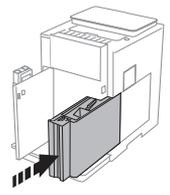
19. TECHNICAL DATA

Voltage:	220-240 V~ 50-60 Hz max. 10 A
Power:	1550 W
Pressure:	1.9 MPa (19 bars)
Water tank capacity:	2.1 l
Size LxDxH:	290x468x405mm
Cord length:	1750 mm
Weight:	15,9 kg
Beans container capacity:	460g
Frequency:	2400/2483.5 MHz
Maximum transmission power	10 mW

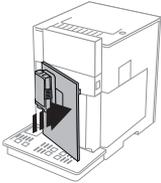
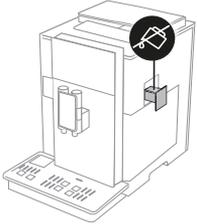
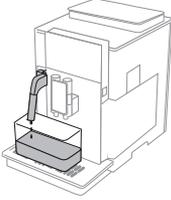
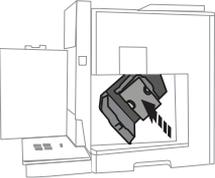
19.1 Tips for Energy Saving

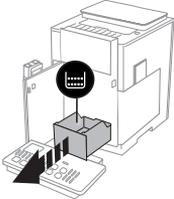
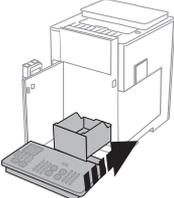
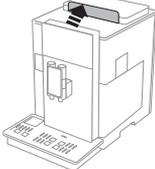
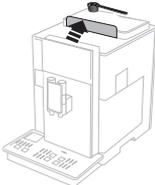
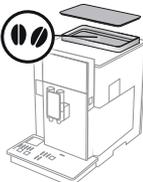
- To reduce energy consumption, after delivering one or more beverages, remove the milk container (D) or accessories.
- Set auto-off to 15 minutes (see section "6.8 Auto-off");
- Enable Energy Saving (see paragraph "6.7 General");
- When requested by the machine, perform the descaling cycle.

20. DISPLAYED MESSAGES

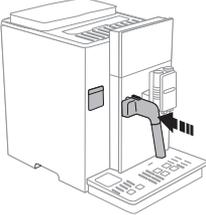
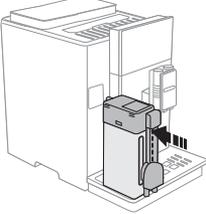
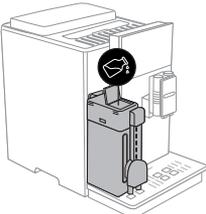
DISPLAYED MESSAGE	POSSIBLE CAUSE	REMEDY
FILL TANK WITH FRESH WATER. USE REFILL FUNNEL OR REMOVE WATER TANK 	Insufficient water in the tank (A23).	Press the button (A13), open the door (A14) (fig. 3), extract the tank and fill with fresh water, then put back in the appliance and close the door. Alternatively, you can top up the tank by pouring the water through the refill door (A21) and checking the level through the transparent window in the side of the tank. Important: never pour water through the refill door when the tank has been extracted.
INSERT WATER TANK 	The tank (A23) is not correctly in place.	Insert the tank correctly and press as far as it will go.



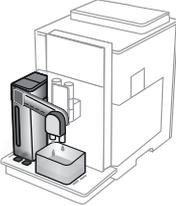
DISPLAYED MESSAGE	POSSIBLE CAUSE	REMEDY
<p>CLOSE FRONT DOOR</p> 	<p>The front door (A14) is open or not closed correctly.</p>	<p>Close the front door and press until it clicks into place, the machine emits a beep (if the beep function is enabled).</p>
<p>STOP FILLING, WATER TANK FULL</p> 	<p>The water tank (A23) is full.</p>	<p>Stop filling immediately to avoid water overflowing from the water tank. Press "OK" to confirm and go back to the homepage (B).</p>
<p>WATER CIRCUIT EMPTY. PRESS OK TO START FILLING</p> 	<p>The water circuit is empty</p>	<p>Place a container with a minimum capacity of 100 ml under the hot water/steam spout (E) and press "OK" to deliver water. Delivery stops automatically. If the problem persists, make sure the water tank (A23) is fully inserted.</p>
	<p>A new water softener filter has been inserted (C6)</p>	<p>Make sure you have followed the instructions for inserting the new filter (section "18.1 Installing the filter" and "18.2 Replacing the filter"). If the problem continues, remove the filter (section "18.3 Removing the filter").</p>
<p>INSERT INFUSER ASSEMBLY</p> 	<p>The infuser (A25) has not been replaced after cleaning.</p>	<p>Insert the infuser as described in section "15.9 Cleaning the infuser"</p>
<p>→</p>		

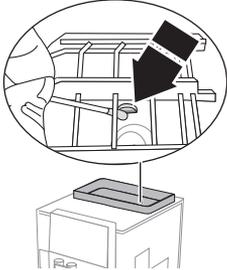
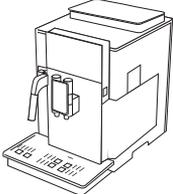
DISPLAYED MESSAGE	POSSIBLE CAUSE	REMEDY
<p data-bbox="109 152 322 175">EMPTY GROUNDS CONTAINER</p> 	<p data-bbox="356 152 616 175">The grounds container (A16) is full.</p>	<p data-bbox="725 152 1065 204">Clean as described in section "15.3 Cleaning the coffee grounds container"</p>
<p data-bbox="109 406 330 457">INSERT GROUNDS CONTAINER AND DRIP TRAY</p> 	<p data-bbox="356 406 706 457">After cleaning, the grounds container (A16) has not been put back in the appliance.</p>	<p data-bbox="725 406 1065 483">Press the button (A13), open the door (A14), extract the drip tray (A20) and insert the grounds container, then close the door.</p>
<p data-bbox="109 688 315 769">PRE-GROUND LID OPEN. DO YOU WANT TO USE PRE-GROUND COFFEE?</p> 	<p data-bbox="356 688 706 766">When the lid (A1) is open, the appliance automatically asks whether you want to make coffee using pre-ground coffee.</p>	<p data-bbox="725 688 1065 821">To make coffee using pre-ground coffee, press "Next" and follow the instructions in section "7.4 Making coffee using pre-ground coffee", otherwise close the lid or press "Cancel" to go back to the homepage.</p>
<p data-bbox="109 980 318 1032">ADD PRE-GROUND COFFEE, MAXIMUM ONE MEASURE</p> 	<p data-bbox="356 980 706 1032">You have confirmed you want to make coffee using pre-ground coffee.</p>	<p data-bbox="725 980 1065 1123">Make sure the funnel (A3) is not blocked, then add one level measure (C2) 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 data-bbox="109 1240 289 1263">FILL BEANS CONTAINERS</p> 	<p data-bbox="356 1240 583 1263">The coffee beans have run out.</p>	<p data-bbox="725 1240 910 1263">Fill beans container (A4).</p>



DISPLAYED MESSAGE	POSSIBLE CAUSE	REMEDY
<p>GROUND TOO FINE. ADJUST MILL USING THE DEDICATED FUNCTION IN MACHINE SETTINGS</p> 	<p>The grinding is too fine and the coffee is delivered too slowly or not at all.</p>	<p>Adjust the coffee mill (see "6.4 Adjust mill").</p>
	<p>If the water softener filter (C6) is present, an air bubble may have been released inside the circuit, obstructing delivery.</p>	<p>Insert the hot water/steam spout (E) in the appliance and deliver a little water until the flow becomes regular. If the problem continues, remove the filter (see section "18.3 Removing the filter")</p>
<p>SELECT A Milder TASTE OR REDUCE PRE-GROUND COFFEE QUANTITY</p> 	<p>Too much coffee has been used.</p>	<p>Select a milder "Aroma" (see "7.3 Customising the beverages") or reduce the quantity of pre-ground coffee (maximum 1 measure). Press "OK to go back to the homepage or wait until the message disappears.</p>
<p>INSERT WATER SPOUT</p> 	<p>The hot water spout (E) is not inserted or is inserted incorrectly.</p>	<p>Insert the hot water spout and push as far as it will go (fig. 7): the appliance beeps (if the beep function is enabled).</p>
<p>INSERT MILK CONTAINER</p> 	<p>The milk container (D) is not inserted correctly.</p>	<p>Insert the milk container and push as far as it will go (fig. 22): the machine emits a beep (if the beep function is enabled).</p>
<p>IF NEEDED, FILL MILK CONTAINER USING THE REFILL LID</p> 	<p>While preparing milk-based beverages, if the milk in the container is not enough to make the selected beverage, the appliance recommends you top up the container (D) without removing it.</p>	<p>Open the refill lid (D3) on the milk container lid (D1) and pour in the milk without exceeding the MAX level marked on the graduated scale on the container (D6).</p>



DISPLAYED MESSAGE	POSSIBLE CAUSE	REMEDY
<p>PRESS OK TO START CLEANING OR CANCEL TO SELECT A NEW BEVERAGE</p> 	<p>Each time you make a milk-based beverage using the milk container (D), the appliance requests a milk container cleaning cycle.</p>	<p>To proceed with cleaning, press "OK", otherwise press "Cancel". In this case, the  symbol (B9) appears on the homepage (B) to remind you that cleaning is needed (see section "6.3 Clean milk container").</p>
<p>DESCALING NEEDED. PRESS OK TO START (~45MIN)</p> 	<p>The machine must be descaled.</p>	<p>To proceed with descaling, press "OK" and follow the guided procedure, otherwise press "Cancel". In this case, the  symbol (B8) appears on the homepage (B) to remind you that descaling is needed (see section "16. Descaling").</p>
<p>REPLACE WATER FILTER. PRESS OK TO START</p> 	<p>The water softener filter (C6) is exhausted.</p>	<p>Press "OK" to replace or remove the filter, or "Cancel" to carry out the procedure later. Follow the instructions in section "18. Water softener filter".</p>
<p>GENERAL ALARM: REFER TO USER MANUAL OR COFFEE LINK APP</p> 	<p>The inside of the appliance is very dirty.</p>	<p>Clean the inside of the appliance thoroughly, as described in section "15. Cleaning". If the message is still displayed after cleaning, contact De'Longhi Customer Services</p>
<p>PRE-GROUND MODE IS NOT ALLOWED WITH THIS BEVERAGE</p> 	<p>The pre-ground coffee function has been selected for a beverage where use of pre-ground coffee is not possible/envisaged.</p>	<p>Press "OK" to go back to the previous screen.</p>
→		

DISPLAYED MESSAGE	POSSIBLE CAUSE	REMEDY
FILL BEANS CONTAINERS 	The beans present sensor is dirty and not working correctly	Remove the dust from the sensors using a cotton bud. 
NOT ENOUGH COFFEE. CONSULT MANUAL OR CUSTOMER SERVICES 		
	The machine must be descaled and/or the filter must be replaced (C6)	The descaling procedure described in section "16. Descaling" needs to be performed and/or the filter needs replacing or removing as described in section "18. Water softener filter ".
	Energy saving is enabled.	To disable energy saving, proceed as described in section "6.7 General".
	The machine must be descaled.	The descaling procedure described in section "16. Descaling" needs to be performed.
	The filter must be replaced (C6)	Replace the filter or remove it as described in section "18. Water softener filter".
	Indicates that the beans container (A4) is empty	Fill the beans container
	The appliance is connected to a device via bluetooth.	
NEW SETTINGS NOT SAVED 	While customising the beverages (see section "13. Guided beverage customisation (My)"), preparation has been deliberately interrupted by pressing "Cancel" or an alarm has been triggered.	Press "OK" to go back to the homepage (B) to view the alarm causing the interruption. Follow the instructions corresponding to the alarm displayed (see section "20. Displayed messages ")
CLEANING UNDERWAY 	The appliance has detected impurities in its internal circuits.	Wait for the appliance to be ready again and reselect the required beverage. Contact Customer Services if the problem persists.



DISPLAYED MESSAGE	POSSIBLE CAUSE	REMEDY
MACHINE COOLING FAULT. CONSULT MANUAL OR CUSTOMER SERVICES 	A malfunction is preventing correct cooling of the machine.	Press "OK" to go back to the homepage (B) and continue using the machine. If the problem reoccurs, contact De'Longhi Customer Services. You can continue using the machine, but we recommend not making more than 10 coffees consecutively.

21. 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 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 internal circuits by rinsing using the rinse function (see section "6.1 Rinsing").
	A low coffee temperature is set.	Set a hotter coffee temperature (see section "7.3 Customising the beverages").
	The machine must be descaled	Proceed as described in section "16. Descaling  ". Then check water hardness ("17.1 Measuring water hardness") and make sure the appliance is set to the actual hardness ("17.2 Setting water hardness").
The coffee is weak or not creamy enough.	The coffee is ground too coarsely.	Enter the settings menu (B7) and adjust the coffee mill. The effect is only visible after delivering 5 coffees (see section "6.4 Adjust mill").
	The coffee is unsuitable.	Use coffee for espresso machines.
	The coffee is 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.	Enter the settings menu (B7) and adjust the coffee mill. The effect is only visible after delivering 5 coffees (see section "6.4 Adjust mill").
Coffee does not come out of one or both of the spouts.	The coffee spouts (A15) are blocked.	Clean the spouts with a toothpick (fig. 36B).
The coffee delivered is watery	The pre-ground coffee funnel (A3) is clogged.	Open the door (A1), extract the funnel and clean with the help of the brush (C5) as described in section "15.8 Cleaning the pre-ground coffee funnel".
		→

PROBLEM	POSSIBLE CAUSE	REMEDY
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	The power cord connector (C6) is not inserted correctly.	Insert the connector as far as it will go in the socket at the back of the appliance (fig. 1).
	It is not plugged into the mains socket.	Plug into the mains socket (fig. 1).
	The main switch (A10) is not turned on.	Press the main switch (fig. 2).
The infuser cannot be extracted	The appliance has not been turned off correctly	Turn the appliance off by pressing the  button (A6) (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 (A23) has not been filled to the MAX level	Follow the instructions displayed by the appliance, but first empty the drip tray (A20) to avoid the water overflowing.
No steam or hot water comes out of the spout (E)	The spout is dirty or blocked	Clean the spout as described in section "12.2 Cleaning the hot water/steam spout after use"
Milk does not flow from the milk spout (D6)	The lid (D1) of the milk container (D) is dirty	Clean the milk container lid as described in section "15.10 Cleaning the milk container".
The milk contains large bubbles and squirts out of the milk spout (D6) or there is little froth	The milk is not cold enough or is not semi-skimmed or skimmed.	Use skimmed or semi-skimmed milk at refrigerator temperature (about 5° C). If the result is not as expected, try a different brand of milk.
	Change the froth settings	Adjust the amount of froth as described in section "9.3 Customising the beverages"
	The milk container lid (D1) is dirty	Clean the milk container as described in section "15.10 Cleaning the milk container"
	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 "9.3 Customising the beverages"
The cup shelf (A7) 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 the phenomenon, empty the drip tray.
The appliance emits puffs of steam from the drip tray (A20) and/or there is water on the surface the appliance rests on.	The drip tray grille (A19) has not been replaced after cleaning.	Put the drip tray grille back in the drip tray.
		→

PROBLEM	POSSIBLE CAUSE	REMEDY
The inside of the machine is wet and there is condensation	The machine's cooling circuit is not working correctly. You are continuing to use the machine even though the "MACHINE COOLING FAULT" alarm is displayed	Turn the machine off and leave it to cool down. If the problem persists, contact De'Longhi Customer Services
The app is not working	App malfunction	Close the app and run it again