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INTRODUCTION

Thank you for choosing the ESAM 5500 automatic coffee maker.

We hope you enjoy using your new appliance.

Take a few minutes to read these instructions.

This will avoid all risks and damage to your appliance.

Symbols used in these instructions

Important warnings are identified by these symbols. These warnings must absolutely be respected.



Danger!

Failure to observe the warning could result in possibly life threatening injury from electric shock.



Important!

Failure to observe the warning could result in injury or damage to the appliance.



Danger of burns!

Failure to observe the warning could result in scalds or burns.



NB:

This symbol identifies important advice or information for the user.

Letters in brackets

The letters in brackets refer to the legend in the description of the appliance on page 3.

Troubleshooting and repairs

In the event of problems, first try and resolve them following the information given in the sections "Displayed messages" on page 20 and "Troubleshooting" on page 22. 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 coffee maker.

SAFETY

Fundamental safety warnings



Danger! This is an electrical appliance and may cause electric shock.

You should therefore respect the following safety warnings:

- Never touch the appliance with damp hands.
- Never touch the plug with damp hands.
- Make sure the socket used is freely accessible at all times, enabling the appliance to be unplugged when necessary.
- Unplug directly from the plug only. Never pull the power cable as you could damage it.
- To disconnect the appliance completely, place the main switch at the back of the appliance in the 0 position (fig. 1).
- If the appliance is faulty, do not attempt to repair. Turn it off, unplug from the mains socket and contact Customer Services.
- If the plug or power cable is damaged, it must be replaced by De'Longhi customer services only to avoid all risk.



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



Danger! Do not allow the appliance to be used by persons (including children) with psychological, physical or sensory impairments or with inadequate experience or knowledge, unless closely supervised and instructed by someone responsible for their safety. Children must be supervised to ensure they do not play with the appliance.



Important: Risk of burns! This appliance produces hot water and steam may form while it is in operation. Avoid contact with splashes of water or hot steam. When the appliance is in operation, please be aware that the cup warmer shelf (A6) becomes hot.

Designated use

This appliance is manufactured for the preparation of coffee and to heat beverages.

The appliance is designed and produced for domestic use only. It is not suitable for use in:

- staff kitchens in shops, offices and other workplaces.
- farm houses
- hotels, motels or other holiday accommodation
- guest houses

Any other use must be considered improper and therefore dangerous.

The manufacturer is not liable for damage deriving from the improper use of the appliance.

Instructions

Read these instructions carefully before using the appliance.

- Failure to follow these instructions may result in burns or damage to the appliance. The manufacturer is not liable for damage deriving from failure to follow these instructions.



NB! Keep these instructions. If the appliance is passed to other persons, they must also be provided with these instructions.

DESCRIPTION

Description of appliance

(page 3 - **A**)

- A1. Grinding adjustment knob
- A2. Bean container lid
- A3. Container for coffee beans
- A4. Pre-ground coffee funnel
- A5. Compartment for measure
- A6. Cup warmer shelf
- A7. Water tank
- A8. Infuser
- A9. Coffee grounds container
- A10. Cup tray
- A11. Drip tray
- A12. Service door
- A13. Coffee guide
- A14. Coffee spout (adjustable height)
- A15. Hot water and steam nozzle
- A16. Control panel
- A17. Main switch
- A18. Power cable
- A19. Hot water spout
- A20. Measure
- A21. Cleaning brush (some models only)

Description of milk container

(page 3 - **B**)

- B1. Frothed milk regulator
- B2. Milk container handle
- B3. CLEAN button
- B4. Milk intake tube
- B5. Milk spout
- B6. Lid with milk frother

Description of control panel

(page 3 - **C**)



NB: A number of buttons on the panel have a double function. This is indicated in brackets in the description.

- C1. Display: guides the user in using the appliance.
- C2.  button: to deliver 1 cup of coffee with the settings displayed
- C3.  button: to deliver 2 cups of coffee with the settings displayed.
- C4.  button: to deliver hot water.
(When you access the settings MENU, it acts as the "OK" button to confirm the selection made).
- C5. Light panel: indicates the current settings, alarm messages or need for

maintenance.

- C6. CAPPUCCINO button: to deliver cappuccino or frothed milk.
- C7. Selection dial: turn to select the required quantity of coffee. *(When in the settings MENU, turn to select the required function).*
- C8.  Aroma selection button: to select the coffee taste
- C9.  button: to perform a rinse cycle. *(When in the settings MENU, it acts as the "ESC" button to exit from the selected function and go back to the main menu).*
- C10. P button: to access the settings menu.
- C11.  button: turns the appliance on and off.

Description of lights

-  Indicates the need to descale the appliance.
-  Indicates that the grounds container is full and must be emptied.
-  Indicates that the water tank is empty and must be filled with fresh water.
-  **AUTO** Indicates that the Auto-Start function is active.
-  Indicates that an alarm is displayed.
-  **OK >** Indicates the button to press to confirm the choice in the menu.
-  **<ESC** Indicates the button to press to exit the menu or selected function.

PRELIMINARY CHECKS

Controls after transport

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

Installing the appliance



Important!

When you install the appliance, you should follow the safety warnings below:

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

Connecting the appliance



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

Connect the appliance to an efficiently earthed and correctly installed socket with a minimum current rating of 10A only. If the power socket does not match the plug on the appliance, have the socket replaced with a suitable type by a qualified professional.

Setting up the appliance



NB!

- 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 coffee maker is, however, guaranteed to be new.
- You should customise water hardness as soon as possible following the instructions in the section "Setting water hardness" on page 19.

1. Plug the appliance into the mains socket and place the main switch on the back of the appliance in the I position.

You must first select the language (the languages scroll through at intervals of about two seconds):

2. When English appears, press and hold the **OK** >  button for three seconds (fig. 2). Once the language has been saved, the message "English installed" is displayed.

Follow the instructions indicated by the appliance:

3. "FILL TANK!": remove the water tank, fill to the MAX line with fresh water then replace in the appliance (fig. 3).
4. "INSERT WATER SPOUT AND PRESS OK": Check that the hot water spout is inserted on the nozzle and place a container underneath (fig. 4). Press the **OK** >  button (fig. 2). "Please Wait..." is displayed and the appliance begins to deliver hot water.

The appliance ends the first start up procedure, then the message "Turning off, please wait..." is displayed and the appliance goes off.

The coffee maker is now ready for normal use.



NB! When using the appliance for the first time, you need to make 4/5 coffees and 4/5 cappuccinos before the appliance starts to give satisfactory results.

TURNING THE APPLIANCE ON



NB! Before turning the appliance on, make sure the main switch on the back of the appliance is in the I position (fig. 5).

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.



Danger of burns! During rinsing, a little hot water is delivered from the coffee spouts and is collected in the drip tray underneath. Avoid contact with splashes of water.

- To turn the appliance on, press the **I** button (fig. 6). The message "Heating Up... Please Wait" is displayed.

When heating is complete, the message changes to: "Rinsing". As well as heating the boiler, this also heats the internal circuits by circulating hot water. The appliance is at temperature when the message "READY Standard Taste" is displayed.

TURNING THE APPLIANCE OFF

Each time the appliance is turned off, it performs an automatic rinse cycle which cannot be interrupted.



Danger of burns! During rinsing, a little hot water flows from the coffee spouts. Avoid contact with splashes of water.

To turn the appliance off, press the **0** button (fig. 6). The appliance performs the rinse cycle then goes off.



NB! If the appliance is not used for an extended period, place the main switch on the back of the appliance in the 0 position (fig. 1).

CHANGING THE MENU SETTINGS

Setting the language

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

1. Press the **P** button to enter the settings menu.
2. Turn the selection dial until "Set Language" is displayed;
3. Press the **OK** > button to confirm (< **ESC** to exit);
4. Turn the selection dial until the required language is displayed;
5. Press the **OK** > button to confirm (or the < **ESC** button to cancel the operation);
6. Press the < **ESC** button to exit the menu.

Setting the clock

To adjust the time on the display, proceed as follows:

1. Press the **P** button to enter the settings menu;
2. Turn the selection dial until "Adjust Time" is displayed;
3. Press the **OK** > button. The hours flash on the display;
4. Turn the selection dial to change the hours;
5. Press the **OK** > button to confirm (or the < **ESC** button to cancel the operation); the minutes flash on the display;
6. Turn the selection dial to change the minutes;
7. Press the **OK** > button to confirm (or the < **ESC** button to cancel the operation);
8. Press the < **ESC** button to exit the menu.

Setting auto-start time

You can set the auto-start time in order to have the appliance ready at a certain time (for example in the morning) so you can make coffee immediately.

1. Press the **P** button to enter the settings menu;
2. Turn the selection dial until "Auto-Start" is displayed;
3. Press the **OK** > button The hours flash on the display;
4. Turn the selection dial to change the hours;
5. Press the **OK** > button to confirm (or the < **ESC** button to cancel the operation); the minutes flash on the display;
6. Turn the selection dial to change the minutes;
7. Press the **OK** > button to confirm (or the < **ESC** button to cancel the operation);

8. Press the < **ESC** button to exit the menu.
After confirming the time, the red AUTO light on the display comes on indicating that the function is active.

To deactivate the function:

1. Press the **P** button to enter the settings menu.
2. Turn the selection dial until "Auto-Start" is displayed;
3. Press the **OK** > button. The hours flash on the display;
4. Press < **ESC** to deactivate the function.



NB! To activate this function, the time must be set.

Setting the temperature

To modify the temperature (low, medium, high) of the water used to make the coffee, proceed as follows:

1. Press the **P** button to enter the menu;
2. Turn the selection dial until "Set Temperature" is displayed;
3. Press the **OK** > button to confirm (< **ESC** to exit);
4. Turn the selection dial until the required temperature (high, medium, low) is displayed;
5. Press the **OK** > button to confirm (or the < **ESC** button to cancel the operation);
6. Press the < **ESC** button to exit the menu.

Setting auto-off

The appliance is set to switch automatically to stand-by if not used for an hour. The time can be changed so that the appliance switches off after 2 or 3 hours.

1. Press the **P** button to enter the settings menu.
2. Turn the selection dial until "Auto-Off" is displayed;
3. Press the **OK** > button to confirm;
4. Turn the selection dial until the required number of hours of operation (1, 2 or 3) is displayed;
5. Press the **OK** > button to confirm (or the < **ESC** button to cancel the operation);
6. Press the < **ESC** button to exit the menu.

Resetting factory default values (reset)

This resets all menu settings and programmed quantities back to the default values.

1. Press the **P** button to enter the settings menu;

2. Turn the selection dial until "Default Values" is displayed;
3. Press the **OK** >  button to confirm;
4. The message "Confirm?" is displayed.
5. Press the **OK** >  button to confirm and exit (or the  < **ESC** button to cancel the operation).

Statistics function

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

1. Press the **P** button to enter the settings menu.
2. Turn the selection dial until "Statistics" is displayed;
3. Press the **OK** >  button to confirm ( < **ESC** to exit);
4. Turn the selection dial to verify:
 - how many coffees have been made;
 - how many cappuccinos have been made;
 - how many times the machine has been descaled;
 - the total number of litres of water delivered;
 - how many times the water filter has been replaced.
5. Press the  < **ESC** button twice to exit the settings menu.

MAKING COFFEE

Selecting the coffee taste

The appliance is preset to make coffee with a standard taste.

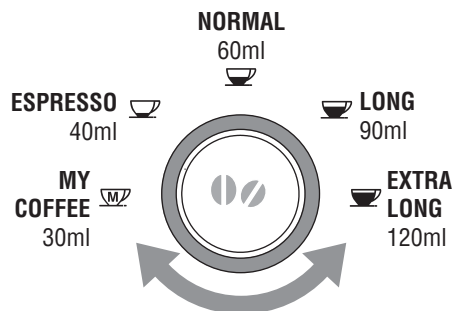
You can choose one of these tastes:

-  Extra-mild taste
-  Mild taste
-  Standard taste
-  Strong taste
-  Extra-strong taste

To change the taste, press the  button (fig. 7) repeatedly until the required taste is displayed.

Selecting the quantity of coffee in the cup

To select the quantity of coffee, turn the selection dial until the light corresponding to the required quantity of coffee comes on:

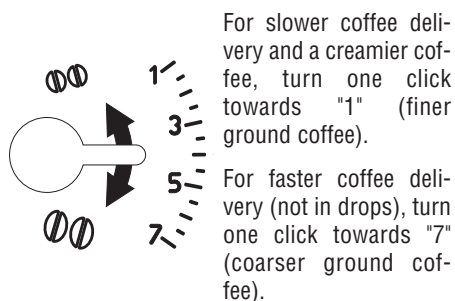


Regulating the coffee mill

The coffee mill is preset in the factory to prepare coffee correctly and should not require regulating initially. However, if after making the first few coffees you find that delivery is either too fast or too slow (in drops), this can be corrected by regulating the grinding adjustment knob (fig. 8).

These adjustments will only be evident after at least 2 cups of coffee have been made.

i NB! The grinding adjustment knob must only be turned when the coffee mill is in operation.



Preparing coffee using coffee beans



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

1. Fill the container (A3) with coffee beans (fig. 9).
2. Place under the coffee spouts:
 - 1 cup, if you want 1 coffee (fig. 10);
 - 2 cups, if you want 2 coffees.
3. Lower the spouts as near as possible to the cup. This makes a creamier coffee (fig. 11).
4. Press the corresponding coffee button (1 cup  or 2 cups ) (fig. 12 and 13).
5. Preparation begins. A progress bar appears on the display and gradually advances as the procedure progresses (fig. 14).

Once the coffee has been made, the appliance is ready to use again.



NB!

- For a hotter coffee, before delivery rinse the appliance through by pressing the  button. Hot water flows out of the coffee spouts and heats the internal circuit of the machine so that the coffee delivered will be hotter.
- For an even hotter coffee, heat the cups by rinsing them with the hot water.
- While the coffee maker is making coffee, delivery can be interrupted at any moment by pressing one of the coffee buttons ( or ).
- As soon as delivery has finished, to increase the quantity of coffee in the cup, just hold down one of the coffee buttons ( or ) until the required amount is reached (this must be done within three seconds after completion of delivery).
- If the coffee is delivered a drop at a time, too fast and not creamy enough or too cold, read the tips in the "Troubleshooting" section on page 22.

Making coffee using pre-ground coffee



Important!

- Never add pre-ground coffee when the coffee maker is turned off or it could spread through the inside of the appliance and dirty it. This could damage the appliance.

- Never use more than 1 level measure or it could dirty the inside of the coffee maker or block the funnel.



NB! If you use pre-ground coffee, you can only make 1 cup of coffee at a time.

1. Press the  button repeatedly (fig. 7) until "READY Pre-Ground" flashes on the display.
 2. Put 1 level measure of pre-ground coffee into the funnel (fig. 15).
 3. Place a cup under the coffee spouts.
 4. Press the 1 cup coffee button  (fig. 12).
 5. Preparation begins. A progress bar appears on the display and gradually advances as the procedure progresses (fig. 14).
- If the coffee is delivered a drop at a time, too fast and not creamy enough or too cold, read the tips in the "Troubleshooting" section.

Programming the "my coffee" quantity

The appliance is set by default to automatically deliver ≈ 30 ml of coffee. To modify these settings, proceed as follows:

1. Place a cup under the coffee spouts (fig. 10).
2. Turn the selection dial (C7) until the  light comes on.
3. Press the 1 cup coffee button  (fig. 6) until the message "1 MY COFFEE Program Quantity" is displayed and coffee delivery commences. Release the button.
4. As soon as the coffee in the cup reaches the required level, press the 1 cup button  again.

The quantity set has now been programmed.

MAKING MILKY DRINKS

Filling and attaching the milk container

1. Turn the lid of the milk container clockwise until it becomes noticeably difficult to turn, then remove the lid (fig. 16).
2. Fill the milk container with a sufficient quantity of milk, not exceeding the MAX level marked on the handle (fig. 17).



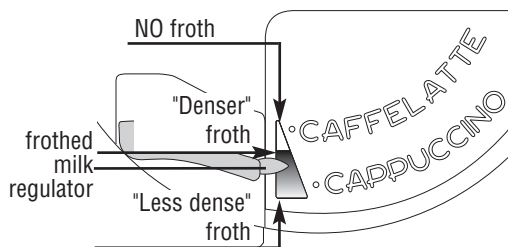
NB! Use skimmed or semi-skimmed milk at refrigerator temperature (about 5°C). To avoid milk with poor froth or large bubbles, always clean the milk container lid and hot water nozzle

as described in the section "Cleaning the milk container".

3. Make sure the milk intake tube is correctly inserted in the bottom of the milk container lid (fig. 18).
4. Replace the milk container lid and turn anti-clockwise as far as it will go.
5. Remove the hot water spout from the nozzle (fig. 19).
6. Attach the container to the nozzle, pushing as far as it will go (fig. 20).
7. Place a sufficiently large cup under the coffee spouts (A14) and the milk spout (B5). If necessary, move the milk spout slightly outwards (fig. 21).

Making cappuccino

1. After attaching the milk container (see the section: "Filling and attaching the milk container") position the frothed milk regulator between CAPPUCCINO or CAFFELATTE printed on the milk container lid. The quality of froth can be adjusted by moving the regulator towards the word CAFFELATTE for a denser froth. Moving it towards the word CAPPUCCINO obtains a less dense froth.



2. Press the CAPPUCCINO button (fig. 22). The message "Cappuccino..." is displayed. After a few seconds, frothed milk is delivered from the milk spout into the cup below. Milk delivery stops automatically and coffee delivery begins.

i NB! To interrupt preparation, press the CAPPUCCINO button twice. The first time stops delivery of the frothed milk, the second time stops delivery of the coffee.

Making frothed milk

1. After attaching the milk container, position the frothed milk regulator according to the quantity of froth required (see previous section).
2. Press the CAPPUCCINO button twice (fig. 22). "Milk frothing..." appears on the display and after a few seconds, frothed milk is delivered from the milk spout into the cup below.



NB! To stop preparation of frothed milk, press the CAPPUCCINO button twice.

Making caffelatte

1. After attaching the milk container (see the section: "Filling and attaching the milk container") position the frothed milk regulator (B1) on CAFFELATTE.
2. Press the CAPPUCCINO button (fig. 22). The message "Cappuccino..." is displayed. After a few seconds, frothed milk is delivered from the milk spout into the cup below. Milk delivery stops automatically and coffee delivery begins.



NB! To interrupt preparation of the caffelatte, press the CAPPUCCINO button twice. The first time stops delivery of the frothed milk, the second time stops delivery of the coffee.

Making hot milk

1. After attaching the milk container (see the section: "Filling and attaching the milk container"), position the frothed milk regulator (B1) on CAFFELATTE.
2. Press the CAPPUCCINO button twice (fig. 22). "Milk Frothing..." appears on the display and after a few seconds, frothed milk is delivered from the milk spout into the cup below.



NB! To stop preparation of hot milk, press the CAPPUCCINO button.

Cleaning the milk container after use



Important! Danger of burns. When cleaning the internal tubes of the milk container, a little hot water leaks out of the milk spout (B5). Avoid contact with splashes of water.

When "Press CLEAN button" flashes on the display (each time you use a milk function):

1. Leave the milk container in the machine (you do not need to empty it);
2. Place a cup or other recipient under the milk spout.
3. Press the CLEAN button (fig. 23) and keep pressing until the progress bar which appears on the display together with the message "Cleaning..." is complete.
4. Remove the milk container and always clean the nozzle with a sponge (fig. 24).



NB!

- When "Press CLEAN Button" flashes on the display, you can still prepare any type of coffee or milk. If you have to make a number of drinks with milk, wait until you have delivered the last cup before cleaning the container.
- The milk left in the milk container can be kept in the refrigerator.

Programming the quantities of coffee and milk in the cup

The appliance is factory preset to automatically deliver standard quantities. To change these quantities, proceed as follows:

1. Place a cup under the coffee spouts and milk spout (fig. 21).
2. Press the CAPPUCCINO button (fig. 22) until the message "Milk for Cappuccino Program Quantity" is displayed.
3. Release the button. The appliance starts delivering milk.
4. Once the required quantity of milk has been delivered into the cup, press the CAPPUCCINO button again.
5. After a few seconds, the appliance starts delivering coffee into the cup and the message "Coffee for Cappucc Program Quantity" is displayed.
6. Once the required quantity of milk has been delivered into the cup, press the CAPPUCCINO button again. Coffee delivery stops and "READY" is displayed.

The machine is now reprogrammed with the new quantities.

PREPARING HOT WATER

Preparation



Important! Danger of burns. Never leave the coffee maker unsupervised while delivering hot water. The hot water spout becomes hot while water is being delivered and must be held by the handle only.

1. Make sure the hot water spout (A19) is attached correctly (fig. 4).
2. Place a container under the spout (as close as possible to avoid splashes).
3. Press the  button (fig. 2). The message "Hot Water..." is displayed.
4. Water is delivered from the spout. Delivery stops automatically after 250 ml.
5. To interrupt delivery of hot water manually, press the  button again.



Important: You should not deliver hot water for more than two minutes at a time.

Changing the quantity

The appliance is factory preset to automatically deliver 250 ml. To modify these quantities, proceed as follows:

1. Position a container under the spouts.
2. Press the  button until the message "Hot Water Program Quantity" is displayed.
- When the hot water in the cup reaches the required level, press the  button again.

The machine is now reprogrammed with the new quantity.

CLEANING

Cleaning the coffee maker

The following parts of the machine must be cleaned regularly:

- coffee grounds container (A3),
- drip tray (A11),
- water tank (A7),
- hot water and steam nozzle (A15),
- coffee spouts (A14),
- pre-ground coffee funnel (A4),
- inside the machine, accessible after opening the service door (A12),
- infuser (A8)
- milk container (B)



Important!

- Do not use solvents, abrasive detergents or alcohol to clean the coffee maker. With De'Longhi superautomatic coffee makers, you need not use chemical products to clean the appliance. The descaler recommended by De'Longhi is made from natural and completely biodegradable substances.
- None of the components of the appliance can be washed in a dishwasher with the exception of the milk container (B).
- Do not use metal objects to remove encrustations or coffee deposits as they could scratch metal or plastic surfaces.

Cleaning the coffee grounds container

When "EMPTY GROUNDS CONTAINER" is displayed, the grounds container must be emptied and cleaned. Until the grounds container has been cleaned, the appliance continues to display the message and coffee cannot be made. To clean (with the machine on):

- open the service door on the front of the appliance (fig. 25), extract the drip tray (fig. 26), empty and clean.
- Empty the grounds container and clean thoroughly to remove all residues left on the bottom.
- Replace the drip tray complete with grounds container (A9);
- Close the service door.



Important: when removing the drip tray, the grounds container MUST be emptied, even if it is not completely full. If this is not done, when

you make the next coffees, the grounds container may fill up more than expected and clog the machine.

Cleaning the drip tray



Important! If the drip tray is not emptied regularly, the water could overflow from the edge and seep inside or around the coffee maker. This could damage the machine, the surface it rests on or the surrounding area.

The drip tray is fitted with a level indicator (red) showing the level of water it contains (fig. 27). Before the indicator protrudes from the cup tray, the drip tray must be emptied and cleaned.

To remove the tray:

1. Open the service door (fig. 25);
2. Remove the drip tray and the grounds container (fig. 26);
3. Empty the drip tray and grounds container (A18) and wash them;
4. Replace the drip tray complete with grounds container (A9);
5. Close the service door.

Cleaning the water tank

1. Clean the water tank (A7) regularly (about once a month) with a damp cloth and a little mild washing up liquid.
2. Clean to remove all washing up liquid residues, then rinse the water tank thoroughly.

Cleaning the coffee spouts

1. Clean the nozzle periodically using a sponge or cloth (fig. 24).
2. Check that the holes in the coffee spout are not blocked. If necessary, remove coffee deposits with a toothpick (fig. 28).

Cleaning the hot water nozzle

- Clean the hot water nozzle regularly using a sponge or cloth (fig. 24).

Cleaning the pre-ground coffee funnel

- Check regularly (about once a month) that the pre-ground coffee funnel is not blocked. If necessary, remove coffee deposits with a knife.



Danger of electric shock! Before performing any cleaning operations, the machine must be turned off and disconnected from the mains

power supply.
Never immerse the coffee maker in water.

Cleaning the inside of the coffee maker

1. Check regularly (about once a week) that the inside of the appliance is not dirty. If necessary, remove coffee deposits with a knife and a sponge.
2. Remove the residues with a vacuum cleaner (fig. 29).

Cleaning the infuser

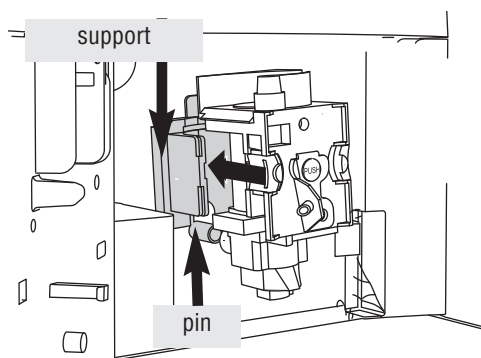
The infuser must be cleaned at least once a month.

! Important! The infuser (A8) must not be removed when the appliance is on. Do not attempt to use force to remove the infuser as this could damage the coffee maker.

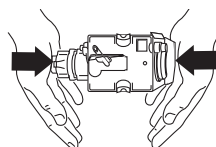
1. Make sure the machine is correctly turned off (see "Turning the appliance off").
2. Open the service door (fig. 25);
3. Remove the drip tray and grounds container (fig. 26);
4. Press the two red release buttons inwards and at the same time pull the infuser outwards (fig. 30).

i Important! Do not use washing up liquid to clean the infuser. The detergent would remove the lubricant applied to the inside of the piston, causing the infuser to seize up and become unusable.

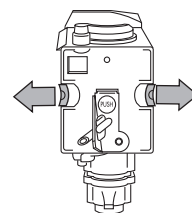
5. Soak the infuser in water for about 5 minutes, then rinse under the tap.
6. After cleaning, replace the infuser by sliding it onto the internal support and pin at the bottom, then push the PUSH symbol fully in until it clicks into place.



i NB! If the infuser is difficult to insert, you must first adapt it to the right dimension by pressing it forcefully from the bottom and top as shown in the figure.



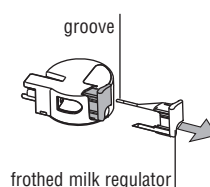
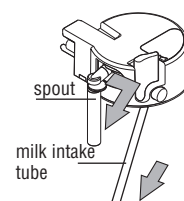
7. Once inserted, make sure the two red buttons have snapped out.
8. Replace the drip tray and grounds container.
9. Close the service door.



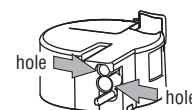
Cleaning the milk container

Clean the milk container each time you prepare milk as described below:

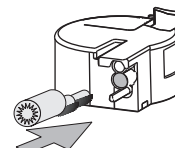
1. Turn the milk container lid clockwise then remove it.
2. Remove the milk spout and intake tube.
3. Remove the frothed milk regulator by pulling it outwards.
4. Wash all the components thoroughly with hot water and mild washing-up liquid. All components can be washed in a dishwasher, placing them in the top basket of the dishwasher.



Make sure there are no milk residues left inside the holes and the groove on the fine end of the frothed milk regulator.



5. Using the provided brush (some models only) or an other one (no metallic brush), remove residues from the milk hole (see fig.).
6. Check that the intake tube and spout are not clogged with milk residues.
7. Replace the frothed milk regulator, milk spout and intake tube.
7. Replace the lid on the milk container, turning it anticlockwise to hook it in place.



DESCALING

Descale the machine when the red light  and the message "DESCALE!" flash on the display.



Important! Descaler contains acids which may irritate the skin and eyes. It is vital to adhere to the manufacturer's safety warnings given on the descaler pack and the warnings relating to the procedure to follow in the event of contact with the skin and eyes.



NB! Use De'Longhi descaler only. Under no circumstances should you use sulphamic or acetic based descalers. Their use invalidates the guarantee. Failure to descale the appliance as described above also invalidates the guarantee.

1. Turn the machine on.
2. Enter the settings menu by pressing the **P** button.
3. Turn the selection dial until "Descaling" is displayed;
4. Select by pressing the **OK** >  button. "Descaling Confirm?" is displayed. Press **OK** >  again to activate the function.
5. The message "Add Descaler Confirm?" is displayed.
6. Before confirming, empty the water tank (A7), then add the descaler diluted with water according to the proportions indicated on the descaler pack. Always use descaler recommended by De'Longhi (contact De'Longhi customer services). Place an empty container with a minimum capacity of 1.5 litres under the hot water spout (A19) (fig. 4).



Important! Danger of burns. Hot water containing descaler flows out of the hot water spout. Avoid contact with splashes of water.

7. Confirm with the **OK** >  button.
8. The message "Descaling Underway..." is displayed. The descaling programme starts and the descaler liquid is delivered from the water spout. The descale programme automatically performs a series of deliveries and pauses to remove limescale deposits from inside the machine.

After about 30 minutes, the message "Rinsing... FILL TANK!" is displayed.

9. The appliance is now ready for rinsing through with clean water. Remove the water tank, empty, rinse under running water, fill

with clean water and replace. "Rinsing... Press OK" is displayed.

10. Empty the container used to collect the descaler solution and replace it under the hot water spout.
11. Press the **OK** >  button to start rinsing. Hot water is delivered from the spout and the message "Rinsing..." is displayed.
12. When the water tank is completely empty, the message "Rinsing Complete Confirm?" is displayed.
13. Press the **OK** >  button, fill the water tank and the appliance is ready for use.

SETTING WATER HARDNESS

The DESCALE message is displayed after a period of time established according to water hardness. The coffee maker is factory set for a hardness value of 4 (very hard water). The machine can also be programmed according to the hardness of the mains water in the various regions, varying the frequency with which the message is displayed.

Measuring water hardness

1. Remove the "TOTAL HARDNESS TEST" indicator paper from its pack.
2. Immerse the paper completely in a glass of water for about a 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.

Level 1  

Level 2  

Level 3  

Level 4  

Setting water hardness

1. Press the **P** button to enter the settings menu.
2. Turn the selection dial to select "Water Hardness".
3. Confirm the selection by pressing the **OK** >  button (or the  < **ESC** button to exit).
4. Turn the selection dial and set the level shown by the indicator paper (see previous paragraph).

5. Press the **OK**  button to confirm the setting.
 6. Press the  **ESC** button to exit the menu.
- The coffee maker is now reprogrammed with the new water hardness setting.

TECHNICAL SPECIFICATION

Voltage: 220-240 V~ 50/60 Hz 10A max.

Absorbed power: 1350 W

Pressure: 15 bars

Water tank capacity: 1.7 litres

Size: LxHxD: 272x374x441 mm

Weight: 11.4 kg

CE The appliance complies with the following EC directives:

- Low Voltage Directive 2006/95/EC;
- EMC Directive 89/336/EEC and subsequent amendments 92/31/EEC and 93/68/EEC.

Materials and accessories coming into contact with food conform to EC regulation 1935/2004.

DISPOSAL



Electrical appliances must not be disposed of as household waste. Appliances with this symbol are covered by European Directive 2002/96/EC.

All unused electric and electronic appliances must be disposed of separately from household waste by taking them to the special centres provided by the State. Disposing of the unused appliance correctly avoids damage to the environment and a risk to health. For more information on disposing of the unused appliance, contact your local authority waste disposal department or the shop where the appliance was bought.

DISPLAYED MESSAGES

DISPLAYED MESSAGE	POSSIBLE CAUSE	REMEDY
FILL TANK!	The water tank is empty or positioned incorrectly.	Fill the tank with water and/or insert it correctly, pushing it as far as it will go until it clicks into place.
GROUND TOO FINE ADJUST MILL! INSERT WATER SPOUT AND PRESS OK	- The grinding is too fine and the coffee is delivered too slowly. - The coffee maker is not able to make coffee.	- Turn the grinding adjustment knob one click clockwise towards "7" while the coffee mill is in operation. The effect is only visible after delivering 2 coffees. - Insert the hot water spout, press the  button and deliver water from the spout for a few seconds.
INSERT WATER SPOUT!	The water spout is not inserted or is inserted incorrectly.	Insert water spout as far as it will go.
EMPTY GROUNDS CONTAINER	The grounds container (A9) is too full or more than three days have passed since you last made coffee (this guarantees correct hygiene of the machine).	Empty the grounds container and clean, then replace. Important: when removing the drip tray, the grounds container MUST be emptied, even if it is not completely full. If this is not done, when you make the next coffees, the grounds container may fill up more than expected and clog the machine.
INSERT GROUNDS CONTAINER!	After cleaning, the grounds container has not been replaced.	Open the service door and insert the grounds container.
INSERT MILK CONTAINER!	The milk container is not inserted.	Insert the milk container as far as it will go.
ADD PRE-GROUND COFFEE!	The "pre-ground coffee" function has been selected without placing any pre-ground coffee in the funnel.	- The funnel is clogged. - Place pre-ground coffee in the funnel. - Empty the funnel with the help of a knife, as described in the section "Cleaning the pre-ground coffee funnel".

DISPLAYED MESSAGE	POSSIBLE CAUSE	REMEDY
DESCALE!	This indicates the presence of limescale in the coffee maker.	The descaling procedure described in the "Descaling" section needs to be performed as soon as possible.
LESS COFFEE!	- The pre-ground coffee funnel is clogged. - Too much coffee has been used.	- Empty the funnel with the help of a knife, as described in the section "Cleaning the pre-ground coffee funnel". - Select a milder taste or reduce the quantity of pre-ground coffee, then request coffee delivery again.
FILL BEANS CONTAINER!	- The coffee beans have run out. - Funnel clogged	- Fill the bean container. - Empty the funnel with the help of a knife, as described in the section "Cleaning the pre-ground coffee funnel".
INSERT INFUSER ASSEMBLY!	The infuser has not been replaced after cleaning.	Insert the infuser as described in the section "Cleaning the infuser".
CLOSE DOOR!	The service door is open	Close the service door.
GENERAL ALARM!	The inside of the appliance is very dirty.	Clean the inside of the appliance thoroughly, as described in the section "Cleaning". If the message is still displayed after cleaning, contact a service centre.
PRESS CLEAN BUTTON	Milk has been delivered recently and the tubes inside the milk container must be cleaned.	Press the CLEAN button and keep it pressed until the progress bar which appears on the display together with the message "Cleaning" is complete.

TROUBLESHOOTING

Below is a list of some of possible malfunctions.

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

PROBLEM	POSSIBLE CAUSE	REMEDY
The coffee is not hot	- The cups have not been preheated. - The infuser has cooled down because 2/3 minutes have elapsed since the last coffee was made.	- Warm the cups by rinsing them with hot water. - Before making coffee, heat the infuser by pressing the  button.
The coffee is not creamy enough	- The coffee is ground too coarsely. - Wrong type of coffee	- Turn the grinding adjustment knob one click anti-clockwise towards "1" while the coffee mill is in operation (fig. 8). Continue one click at a time until coffee delivery is satisfactory. The effect is only visible after delivering two coffees. - Use a type of coffee for espresso coffee makers.
The coffee is delivered too slowly or a drop at a time.	The coffee is ground too finely.	Turn the grinding adjustment knob one click clockwise towards "7" while the coffee mill is in operation (fig. 8). Continue one click at a time until coffee delivery is satisfactory. The effect is only visible after delivering two coffees.
The coffee is delivered too fast.	The coffee is ground too coarsely.	Turn the grinding adjustment knob one click anti-clockwise towards "1" while the coffee mill is in operation (fig. 8). Avoid turning the grinding adjustment knob excessively otherwise when you select two cups, the coffee may be delivered a drop at a time.

PROBLEM	POSSIBLE CAUSE	REMEDY
Coffee does not come out of one of the spouts.	The spouts are blocked.	Clean the spouts with a toothpick.
The coffee does not come out of the spouts, but around the service door (A12).	- The holes in the spouts are clogged with dry coffee dust. - The coffee guide (A13) inside the service door is blocked and cannot swing.	- Clean the spouts with a toothpick, sponge or kitchen brush. - Thoroughly clean the coffee guide (A13), particularly near the hinges. Water comes out of the spouts instead of coffee.
Water comes out of the spouts instead of coffee.	The pre-ground coffee may be blocked in the funnel (A4).	Clean the funnel (A4) as described in the section "Cleaning the pre-ground coffee funnel".
The milk does not come out of the milk spout (B5).	The intake tube is not inserted or is inserted incorrectly.	Insert the intake tube (B4) in the rubber washer in the milk container lid (fig. 18).
The milk is not well frothed.	- The milk container lid is dirty. - The frothed milk regulator is incorrectly adjusted.	- Clean the milk container lid as described in the section "Cleaning the milk container". - Adjust following the instructions in the section on preparing drinks with milk.
The milk contains bubbles or squirts out of the milk spout.	- The milk is not cold enough or is not semi-skimmed. - The frothed milk regulator is incorrectly adjusted. - The milk container lid is dirty.	- You should ideally use skimmed or semi-skimmed milk at refrigerator temperature (about 5°C). If the result is still disappointing, try another brand of milk. - Move the frothed milk regulator slightly towards the word "CAFFELATTE" (see section "Making cappuccino"). - Clean the milk container lid as described in the section "Cleaning the milk container".
The appliance does not come on.	- It is not plugged into the mains socket. - The main switch is not turned on.	- Plug into the mains socket. - Place the main switch on the back of the appliance in the I position.