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INTRODUCTION

Thank you for choosing the ESAM 6700 automatic coffee and cappuccino 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 the machine.

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.



N.B.:

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 41 and "Troubleshooting" on page 43.

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.

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.
- 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.



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



Important! 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 (A7) becomes hot.

Designated use

This appliance is designed and made to prepare coffee and heat drinks.

All other use is considered improper.

This appliance is not suitable for commercial use.

The manufacturer is not liable for damage deriving from 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.



N.B.: 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 coarseness regulator knob
- A2. Container for coffee beans
- A3. Main switch
- A4. Bean container lid
- A5. Cover for funnel and measure compartment
- A6. Measure compartment
- A7. Cup warmer shelf
- A8. Ground coffee feed funnel
- A9. Display
- A10. Touch screen (control panel)
- A11. Hot water and steam nozzle
- A12. Infuser
- A13. Water tank
- A14. Power cable
- A15. Cup tray
- A16. Drip tray
- A17. Compartment for macchiato/caffelatte glass
- A18. Grounds tray
- A19. Service door
- A20. Coffee spout (adjustable height)
- A21. Coffee guide
- A22. ON/STAND-BY button
- A23. Hot water spout
- A24. Measure

Description of milk container

(page 3 - **B**)

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

Description of control panel (touch screen)

(page 3 - **C**)



N.B.! Only the icons relating to the controls enabled for the particular function currently being used will be lit on the touch screen.

- C1. Display: guides the user in using the appliance.
- C2. ► icon: to scroll forwards through the programming menu.
- C3. ☑ icon: to deliver a cup of espresso coffee.

- C4.  icon: to deliver two cups of espresso coffee.
- C5. **OK** icon: to enable and confirm the selected function.
- C6.  icon: to rinse or deliver hot water.
- C7. **MILK** icon: to deliver a cup of milk.
- C8. **LATTE MACCHIATO** icon: to deliver a cup of macchiato.
- C9. **LONG**  icon: to deliver one cup of **LONG** coffee.
- C10. **CAPPUCCINO** icon: to deliver a cappuccino.
- C11. **CAFFELATTE** icon: to deliver a caffelatte.
- C12. **P** icon: to access the programming menu.
- C13. **ESC** icon: to exit the selected function.
- C14.  icon: to select the coffee taste.
- C15.  icon: to select the coffee quantity.
- C16.  icon: to scroll backwards through the programming menu.



N.B.! A light touch is enough to activate the icon.

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 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 work top, 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 appliance could cause damage. Do not place the appliance near taps or sinks.
- The appliance could be damaged if the water it contains freezes. Do not install the appliance in a room where the temperature could drop below freezing point.
- Arrange the power 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



N.B.!

- Coffee has been used to factory test the appliance and it is therefore completely normal for there to be traces of coffee in the mill. The machine is, however, guaranteed to be new.
- You should customise water hardness as soon as possible following the instructions in the section "Setting water hardness" on page 40.

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

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

2. When English appears, press the OK icon for 3 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** icon (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.



N.B.! When using the appliance for the first time, you need to make 4/5 cups of coffee and 4/5 cappuccinos before the appliance starts to give satisfactory results.

TURNING THE APPLIANCE ON



N.B.! Before turning the appliance on, make sure the main switch on the back of the appliance is in the **I** position (fig. 1).

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 comes out of the coffee spouts and is collected in the drip tray underneath. Avoid contact with splashes of water.

- To turn the appliance on, press the button on the left side of the machine  (fig. 5): 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 "STANDARD COFFEE 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  button (fig. 5). The appliance performs the rinse cycle then goes off.



N.B.! 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. 6).

GB

CHANGING THE MENU SETTINGS

Setting the language

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

1. Press the **P** icon to enter the programming menu;
2. Press the ◀ or ▶ icon until "Set language" is displayed;
3. Press the **OK** icon;
4. Press the ◀ or ▶ icon until the required language is displayed;
5. Press the **OK** icon to confirm (or the **ESC** icon to cancel the operation);
6. Press the **ESC** icon to exit the menu.

Setting the clock

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

1. Press the **P** icon to enter the programming menu;
2. Press the ◀ or ▶ icon until "Adjust time" is displayed;
3. Press the **OK** icon: the hours flash on the display;
4. Press the ◀ or ▶ icon to change the hours;
5. Press the **OK** icon to confirm (or the **ESC** icon to cancel the operation): the minutes flash on the display;
6. Press the ◀ or ▶ icon to change the minutes;
7. Press the **OK** icon to confirm (or the **ESC** icon to cancel the operation);
8. Press the **ESC** icon to exit the programming 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** icon to enter the programming menu;
2. Press the ◀ or ▶ icon until "Auto-start" is displayed;
3. Press the **OK** icon: the hours flash on the display;
4. Press the ◀ or ▶ icon to change the hours;

5. Press the **OK** icon to confirm (or the **ESC** icon to cancel the operation): the minutes flash on the display;
6. Press the ◀ or ▶ icon to change the minutes;
7. Press the **OK** icon to confirm (or the **ESC** icon to cancel the operation);
8. Press the **ESC** icon to exit the menu: a symbol  appears next to the clock to indicate that auto-start has been programmed.

To deactivate the function:

1. Press the **P** icon to enter the programming menu;
2. Press the ◀ or ▶ icon until "Auto-start" is displayed;
3. Press the **OK** icon: the hours flash on the display;
4. Press the **ESC** icon. This deactivates the function and the  symbol disappears from the display.
5. Press the **ESC** icon to exit the menu.



N.B.! To activate this function, the time must have been set previously.

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** icon to enter the menu;
2. Press the ◀ or ▶ icon until "Temperature" is displayed;
3. Press the **OK** icon;
4. Press the ◀ or ▶ icon until the required temperature (low, medium or high) is displayed;
5. Press the **OK** icon to confirm (or the **ESC** icon to cancel the operation);
6. Press the **ESC** icon to exit the menu.

Setting auto-off



N.B.! The appliance is set to switch automatically to stand-by if not used for 30 minutes. The time can be changed so that the appliance switches off after 1 or 2 hours.

1. Press the **P** icon to enter the menu;
2. Press the ◀ or ▶ icon until "Auto-off" is displayed;
3. Press the **OK** icon;
4. Press the ◀ or ▶ icon until the required number of hours of operation (30 minutes, 1 or 2 hours) is displayed;
5. Press the **OK** icon to confirm (or the **ESC** icon to cancel the operation);
6. Press the **ESC** icon to exit the menu..

Resetting default values (reset)

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

1. Press the **P** icon to enter the menu;
2. Press the ◀ or ▶ icon until "Default values" is displayed;
3. Press the **OK** icon;
4. The message "Confirm?" is displayed.
5. Press the **OK** icon to confirm and exit (or the **ESC** icon to cancel the operation);

Statistics function

This displays statistics relating to the machine.

To display, proceed as follows:

1. Press the **P** icon to enter the menu;
2. Press the ◀ or ▶ icon until "Statistics" is displayed;
3. Press the **OK** icon;
4. By pressing the ◀ or ▶ icon, you can check:
 - how many coffees have been made;
 - how many drinks with milk 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** icon twice to exit the menu.

Acoustic signal (Beep enabled)

This activates or deactivates the beep emitted by the machine each time an icon is pressed or an accessory is inserted/removed. The beep is enabled by default.

1. Press the **P** icon to enter the menu;
2. Press the ◀ or ▶ icon until "Beep enabled"

is displayed;

3. Press the **OK** icon to confirm, "Confirm?" is displayed;
4. Press the **OK** icon again to confirm activation or the **ESC** icon to deactivate the function;
5. Press the **ESC** icon to exit the menu.

MAKING COFFEE

Selecting the coffee taste

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

You can choose between 5 different coffee tastes:

Extra-mild taste

Mild taste

Standard taste

Strong taste

Extra-strong taste

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

Selecting the quantity of coffee in the cup

To select the quantity of coffee, press the ☺ icon repeatedly (fig. 8) until the required quantity of coffee is displayed. The quantities delivered are different according to the type of coffee selected:

	ESPRESSO (ml)	LONG COFFEE (ml)
MY COFFEE	max: ≈ 180	max: ≈ 250
SHORT COFFEE	≈ 40	≈ 125
STANDARD COFFEE	≈ 60	≈ 175
LONG COFFEE	≈ 90	≈ 210
EXTRA LONG COFFEE	≈ 120	≈ 250

Programming the espresso "my coffee" quantity

The appliance is set by default to automatically deliver 30 ml of espresso coffee.

To modify this quantity, proceed as follows:

1. Press the ☺ icon repeatedly (fig. 8) until "MY COFFEE" is displayed.
2. Press the one cup ☺ icon (fig. 9) until "Program quantity" is displayed, then release. The machine starts delivering the coffee and the ☺ icon flashes;

3. As soon as the coffee in the cup reaches the required level, press the ☞ icon again. The quantity set has now been programmed.

i N.B.! This setting is valid for making both one and two cups. You do not need to specifically programme a quantity for two cups.

Programming the long "my coffee" quantity

The appliance is set by default to automatically deliver ≈100ml of LONG coffee. To modify this quantity, proceed as follows:

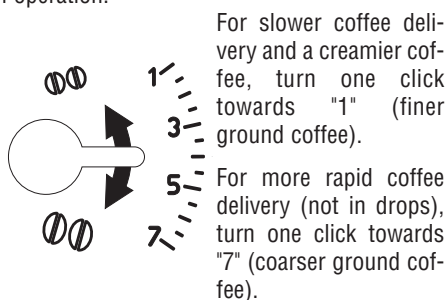
1. Press the ☞☞ icon repeatedly (fig. 8) until "MY COFFEE" is displayed.
2. Press the **LONG** ☐ icon (fig. 10) until "Program quantity" is displayed, then release. The machine starts delivering the coffee and the **LONG** icon flashes;
3. As soon as the coffee in the cup reaches the required level, press the **LONG** icon again. The quantity set has now been programmed.

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 (a drop at a time), this can be corrected by regulating the grinding adjustment knob (fig. 11).

! Important! The grinding coarseness regulator must only be turned when the coffee mill is in operation.



i N.B.! These adjustments will only be evident after at least two cups of coffee have been made.

Making espresso 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 with coffee beans (fig. 12).
2. Place under the coffee spouts:
 - one cup, if you want one coffee (fig. 13);
 - two cups, if you want two coffees (fig. 14);
3. Lower the spouts as near as possible to the cup. This makes a creamier coffee (fig. 15).
4. Press the icon corresponding to the number of coffees required (one cup ☞ or two cups ☞☞) (fig. 9 and 16).
5. Preparation begins. A progress bar appears on the display and gradually advances as the procedure progresses (fig. 17).

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

i N.B.!

- While the machine is making coffee, delivery can be interrupted at any moment by pressing the lit cup icon.
- At the end of delivery (when the progress bar is complete), to increase the quantity of coffee in the cup, just press (within 3 seconds) one of the coffee icons (☞ or ☞☞) until the required quantity is reached.
- For a hotter coffee, before delivery rinse the appliance through by pressing the ☞☞ icon and confirming with the **OK** icon. 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.
- If the coffee is delivered in drops, too fast and not creamy enough or too cold, read the tips in the "Troubleshooting" section on page 43.

Making long coffee using coffee beans

i N.B.! When this function is activated, a long coffee similar to drip coffee is obtained.

! 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 with coffee beans (fig. 12).
2. Adjust the height of the spout according to the cup used. Put the cup for long coffee under the spouts (fig. 18);
3. Press the **LONG** icon (fig. 10). Preparation begins. A progress bar appears on the display and gradually advances as the procedure progresses.



N.B.!

- While the machine is making coffee, delivery can be interrupted at any moment by pressing the **LONG** icon.
- Only one cup of long coffee can be made at a time.
- When delivering more than 125 ml, the appliance automatically grinds more coffee halfway through delivery.

Making espresso or long 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.
- Never use more than one level measure or it could dirty the inside of the machine or block the funnel.



N.B.! If you use pre-ground coffee, you can only make one cup of coffee at a time.

1. Press the  icon repeatedly (fig. 7) until "Pre-ground" flashes on the display.
2. Put one level measure of pre-ground coffee into the funnel (fig. 19).
3. Place a cup under the coffee spouts..
4. To make espresso coffee, press the one cup  icon (fig. 9).
To make a long coffee, press the **LONG** icon (fig. 10).



N.B.! **LONG COFFEE:** when delivering more than 125 ml, the appliance requests a new level measure of pre-ground coffee halfway through delivery. When you have added the pre-ground coffee, confirm by pressing the **OK** icon.

MAKING DRINKS WITH MILK

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. 20).
2. Riempire il contenitore latte con una quantità sufficiente di latte, non superando il livello MAX impresso sull'impugnatura (fig. 21).



N.B.! Do not use full fat milk. 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 lid and hot water nozzle as described in the section "Cleaning the milk container" on pages 17 and 19.

3. Make sure the milk intake tube is correctly inserted in the bottom of the milk container lid (fig. 22).
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. 23).
6. Attach the container to the nozzle and push as far as it will go (fig. 24). The machine emits a beep (if the beep function is enabled).
7. Place a sufficiently large cup under the coffee spouts and frothed milk spout.
To use particularly tall cups/glasses, raise the lid of the special compartment in the cup tray (fig. 25).

Making caffelatte

1. After attaching the milk container, position the frothed milk regulator on **CAFFELATTE** (fig. 26) printed on the milk container lid.
2. Press the **CAFFELATTE** icon (fig. 27).
The message "Caffelatte... Jug pointer in position: 3" appears. After a few seconds, frothed milk is delivered from the milk spout into the cup below. The milk will stop automatically and delivery of coffee will begin.



N.B.! If during delivery you want to stop preparing milk, press the **CAFFELATTE** icon or interrupt preparation of the coffee by pressing the  icon.

Making cappuccino

1. After attaching the milk container, position the frothed milk regulator on CAPPUCCINO (fig. 28) printed on the milk container lid. **The quality of froth can be adjusted by moving the regulator towards the word LATTE MACCHIATO for a denser froth. Moving it towards the word CAPPUCCINO obtains a less dense froth.**
2. Press the CAPPUCCINO icon (fig. 29). The message "Cappuccino... Jug pointer in position: 1" appears. After a few seconds, frothed milk flows out of the milk spout into the cup below.
The milk will stop automatically and delivery of coffee will begin.

 **N.B.!** If during delivery you want to stop preparing milk, press the **CAPPUCCINO** icon or interrupt preparation of the coffee by pressing the  icon.

Making macchiato

1. After attaching the milk container, position the frothed milk regulator (B1) on LATTE MACCHIATO (fig. 30) printed on the milk container lid.
2. Press the **LATTE MACCHIATO** button (fig. 31). The message "Macchiato... Jug pointer in position: 2" appears.
After a few seconds, frothed milk flows out of the milk spout into the cup below.
The milk will stop automatically and delivery of coffee will begin.

 **N.B.!** If during delivery you want to stop preparing milk, press the LATTE MACCHIATO icon or interrupt preparation of the coffee by pressing the  icon.

Making milk

1. After attaching the milk container, position the frothed milk regulator (B1) according to the quantity of froth you require (pos. 3 CAFFELATTE = little froth; pos. 1 CAPPUCCINO = abundant froth).
2. Press the **MILK** icon (fig. 32). "MILK" appears on the display and after a few seconds, frothed milk is delivered from the milk spout into the cup below. Delivery of milk stops automatically.



N.B.! If during delivery you want to stop preparing milk, press the **MILK** icon once.

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 frothed milk tube (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 jug in the machine (you do not need to empty it);
2. Place a cup or other recipient under the frothed milk spout.
3. Press the CLEAN button (fig. 33) 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. 34).



- N.B.!**
- 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 jug 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.
2. Press the icon corresponding to the function you want to programme (CAFFELATTE, CAPPUCCINO, LATTE MACCHIATO or MILK) until "Milk for... Program quantity" appears on the display and the icon corresponding to the selected function flashes.
3. Release the icon. The appliance starts delivering milk.
4. When the required quantity of milk has been delivered into the cup, press the icon again.
5. After a few seconds, the appliance starts delivering coffee into the cup and the message "Coffee for... Program quantity" is displayed

(with the exception of the MILK function) and the  icon flashes.

6. As soon as the coffee in the cup reaches the required level, press the  icon. Coffee delivery stops.

The machine is now reprogrammed with the new quantities.

HOT WATER

Preparation



Important! Danger of burns. Never leave the machine 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 is attached correctly (fig. 4).
2. Place a container under the spout (as close as possible to avoid splashes).
3. Press the **OK** icon (fig. 35). The message "Rinsing" "Hot water..." is displayed.
4. Press the  icon to select the "Hot water..." function (the selected message flashes on the display) and confirm the selection by pressing the **OK** icon (or cancel the selection by pressing the **ESC** icon).
5. Water flows out of the spout. Delivery stops automatically after 250 ml.
6. To interrupt delivery of hot water manually, press the  icon 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. Once the "Hot water" function has been selected, keep pressing the **OK** icon until "Hot water Program quantity" appears and the  icon flashes.
- When the hot water in the cup reaches the required level, press the  icon again.

The machine is now reprogrammed with the new quantity.

CLEANING

Cleaning the coffee maker

The following parts of the appliance must be cleaned regularly:

- coffee grounds container (A18),
- drip tray (A16),
- water tank (A13),
- coffee spouts (A20) and hot water nozzle (A11),
- pre-ground coffee feed funnel (A8),
- inside the machine, accessible after opening the service door (A19),
- infuser (A12),
- milk container (B)
- control panel (C)



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 machine. 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:

- open the service door on the front of the appliance (fig. 36), extract the drip tray (fig. 37), empty and clean.
- Empty the grounds container and clean thoroughly to remove all residues left on the bottom.



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 machine. 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. 38). 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. 36);
2. Remove the drip tray and the grounds container (Fig. 37);
3. Empty the drip tray and grounds container (A18) and wash them;
4. Replace the drip tray complete with grounds container (A18);
5. Close the service door.

Cleaning the water tank

1. Clean the water tank (A13) 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 nozzles

1. Clean the nozzle periodically using a sponge or cloth (fig. 39).
2. Check regularly that the holes in the coffee spout are not blocked.

If necessary, remove coffee deposits with a toothpick (fig. 40).

Cleaning the pre-ground coffee feed 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 machine

1. Check regularly (about once a week) that the inside of the machine is not dirty. If necessary, remove coffee deposits with a knife and sponge.
2. Remove the residues with a vacuum cleaner (fig. 41).

Cleaning the infuser

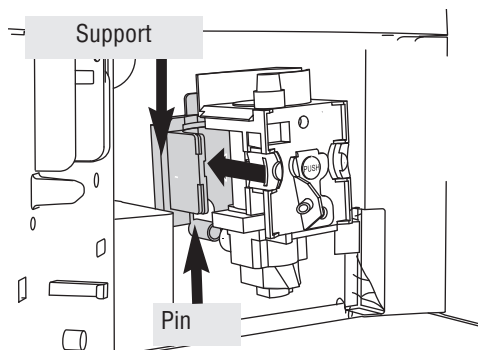
The infuser must be cleaned at least once a month.

! 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 machine.

1. Make sure the machine is correctly turned off (see Turning off).
2. Open the service door (fig. 36);
3. Remove the drip tray and grounds container (fig. 37);
4. Press the two red release buttons inwards and at the same time pull the infuser outwards (fig. 42).

! 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.

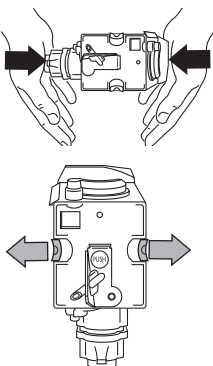
5. Soak the infuser in water for about 5 minutes, then rinse under the tap.
6. After cleaning, replace the infuser by sliding it onto the internal support and pin at the bottom, then push the PUSH symbol fully in until it clicks into place.



! N.B.! 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.

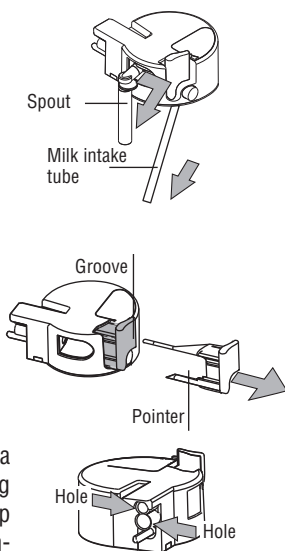
7. Once inserted, make sure the two red buttons have snapped out.
8. Replace the drip tray and grounds container.
9. Close the service door.



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 pointer 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 pointer.
5. Check that the intake tube and spout are not clogged with milk residues.
 6. Replace the pointer, milk spout and intake tube.
 7. Replace the lid on the milk container, turning it anticlockwise to hook it in place.

Cleaning the touch screen

1. If the machine is on, turn off by pressing the  button (fig. 5) to avoid starting it accidentally during cleaning.
2. Clean the control panel with a damp cloth. Do not use solvents, aggressive detergents

and/or sharp objects as they could damage the surface of the panel.

DESCALING

Descalc the machine when the message "DESCALE!" flashes on the icon 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.



N.B.! 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 programming menu by pressing the **P** icon.
3. Press the ◀ or ▶ icon until "Descaling" is displayed.
4. Select by pressing the **OK** icon. "Descaling Confirm?" is displayed. Press OK to activate the function.
5. The message "Add descaler. Confirm?" is displayed.
6. Before confirming, empty the water tank (A13).
Pour the descaler diluted with water (respecting the proportions indicated on the descaler bottle) into the water tank.
Place an empty container with a minimum capacity of 1.5 litres under the hot water spout (1.5 l).



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

7. Confirm by pressing the **OK** icon.
8. The message "Descaling Underway..." is displayed. The descaling programme starts and the descaler liquid comes out of the water spout.

The descale programme automatically performs a series of rinses and pauses to remove limescale deposits from inside the machine.

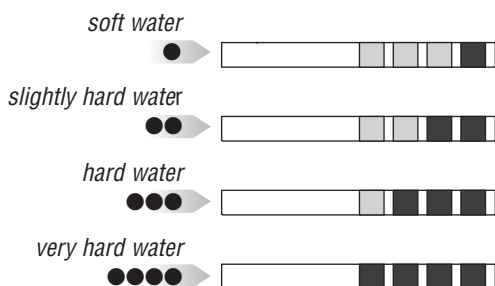
After about 30 minutes, the message "Rinsing FILL TANK!" is displayed.

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 flows out of the spout and the message "Rinsing..." is displayed.
12. When the water tank is completely empty, the message "Rinsing complete... Press OK button?" 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 machine is factory set for a hardness value of 4 (very hard water).

The machine can also be programmed according to the actual 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.

Setting water hardness

1. Press the **P** icon to enter the programming menu.
2. Press the **◀** or **▶** icon and select "Water hardness".
3. Confirm the selection by pressing the **OK** icon.
4. Press the **◀** or **▶** icon to set the number of squares formed on the reactive strip (see figure in the previous section).
5. Press the **OK** icon to confirm the setting.
6. Press the **ESC** icon to exit the menu.

The machine 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: 1.8 litres

Size: LxHxD: 282x374x441 mm

Weight: 11.4 kg



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 the local administration, the 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.
GROUND TOO FINE ADJUST MILL! Insert water spout and press OK	- The grinding is too fine and the coffee is delivered too slowly. - The machine cannot make coffee as there is air in the hydraulic circuit	- Make the coffee again and turn the grinding adjustment knob one click clockwise towards "7" while the coffee mill is in operation. The effect is only visible after delivering two coffees. - Press the OK icon to deliver water from the spout until it flows out normally.
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 is too full or more than 3 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 milk container as far as it will go.
DESCALE!	The machine must be descaled.	The descaling procedure described in the "Descaling" section needs to be performed as soon as possible.
LESS COFFEE!	Too much coffee has been used.	Select a milder taste or reduce the quantity of pre-ground coffee, then make the coffee again.

DISPLAYED MESSAGE	POSSIBLE CAUSE	REMEDY
ADD PRE-GROUND COFFEE!	- The "pre-ground coffee" function has been selected without placing any pre-ground coffee in the funnel. - The funnel (A8) is blocked.	- 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 feed funnel".
FILL BEANS CONTAINER!	- The coffee beans have run out. - The ground coffee funnel is clogged.	- Fill bean container - Empty the funnel with the help of a knife, as described in the section "Cleaning the funnel to add coffee".
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 the inside of the machine". If the message is still displayed after cleaning, contact customer services.
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.
ADD PRE-GROUND COFFEE! PRESS OK	The appliance is delivering a LONG coffee of more than 125 ml.	Add a level measure of pre-ground coffee and confirm by pressing the OK icon.

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 have not been pre-heated. - 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, rinse as described in the notes in the section "Preparing coffee using coffee beans".
The coffee is not creamy enough	- The coffee is ground too coarsely. - Wrong type of coffee.	- Turn the grinding adjustment knob one click anticlockwise towards "1" while the coffee mill is in operation (fig. 11). 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. 11). 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 quickly.	The coffee is ground too coarsely.	Avoid turning the grinding coarseness regulator excessively otherwise when you select two cups, the coffee may be delivered a drop at a time. The effect is only visible after delivering two coffees.
Coffee does not come out of one of the spouts.	The spouts are blocked.	Clean the spouts with a toothpick (fig. 40).

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PROBLEM	POSSIBLE CAUSE	REMEDY
The coffee does not come out of the spouts, but from around the service door (A19).	- The holes in the spouts are clogged with dry coffee dust. - The coffee guide (A21) inside the service door is blocked and cannot swing.	- Clean the spouts with a toothpick, sponge or hard bristled kitchen brush. - Thoroughly clean the coffee guide (A21), particularly near the hinges.
Water comes out of the spouts instead of coffee.	The ground coffee may be blocked in the funnel (A8).	Empty the funnel with the help of a knife, as described in the section "Cleaning the funnel to add pre-ground coffee".
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. 22).
The milk is not well frothed.	- The milk frother pointer is incorrectly adjusted. - The milk container lid is dirty.	- Adjust following the instructions in the section on preparing drinks with milk. - Clean the milk container lid as described in the section "Cleaning the milk container".
The milk contains bubbles or squirts out of the milk spout.	- The milk is not cold enough or is not semi-skimmed. - The milk frother pointer 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. - Adjust following the instructions in the section on preparing drinks with milk. - 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 (fig. 1).
The LONG coffee has too much froth	The coffee is ground too finely.	Turn the grinding adjustment knob one click clockwise towards "7" while the coffee mill is in operation (fig. 11). Continue one click at a time until coffee delivery is satisfactory. The effect is only visible after delivering two coffees.